

**Tablica 1.1. Interno osiguravanje kvalitete**

Vrsta aktivnosti	Nositelj aktivnosti (naziv tijela ili imena osoba)	Učestalost aktivnosti (broj sastanaka ili akcija godišnje)	Broj izvješća proizašlih iz pojedine aktivnosti u posljednjih 5 godina	Praktični rezultati aktivnosti (opisno u samoanalizi)
Tematske sjednice o kvaliteti nastave	Fakultetsko vijeće/Dekan	jednom mjesečno	istovjetan broju sjednica Fakultetskog vijeća	Zapisnici Fakultetskog vijeća i odgovarajuće odluke povezane s nastavom na preddiplomskim, diplomskim, specijalističkim i doktorskim studijima, Godišnje izvješće dekana, Godišnje izvješće Povjerenstva za upravljanje kvalitetom, prijedlozi novih studijskih programa (doktorski studij Kemijsko inženjerstvo i primijenjena kemija; specijalistički studij Naftno-petrokemijsko inženjerstvo); manje izmjene i dopune preddiplomskih i diplomskih studija Fakulteta, izbori u znanstveno-nastavna zvanja, izbori u znanstvena zvanja, izbor dekana, prodekana i predstojnika zavoda
	Prošireni dekanski kolegij/Dekan	jednom mjesečno	-	
	Dekanski kolegij	jednom tjedno	5	
	Povjerenstvo za nastavu/Prodekan za nastavu	jednom mjesečno	5	
	Povjerenstvo za upravljanje kvalitetom	po potrebi	5	
	Vijeća doktorskih studija/Prodekan za znanost i međunarodnu suradnju	jednom mjesečno	5	
Rad odbora (povjerenstva) za praćenje kvalitete nastave	Vijeća specijalističkih studija/Prodekan za znanost i međunarodnu suradnju	po potrebi	5	Godišnje izvješće dekana, Godišnje izvješće Povjerenstva za upravljanje kvalitetom, Analiza preddiplomskih, diplomskih, doktorskih i specijalističkih studijskih programa, Obrasci Dr.Sc.04, Dr.Sc.05, Dr.Sc.09
	Povjerenstvo za upravljanje kvalitetom	po potrebi	5	
	Povjerenstvo za sustavnu recenziju studijskih programa/Prodekan za nastavu	po potrebi	3	
	Povjerenstvo za nastavu/Prodekan za nastavu	jednom mjesečno	5	
Studentska anketa (provođenje, obrada, obavještanje studenata, očitovanja nastavnika)	Prodekan za nastavu/Povjerenstvo za upravljanje kvalitetom	3	Pojedinačne ankete za kolegije + 10 anketa vrednovanja preddiplomskih i diplomskih studija	Rezultati studentske ankete vrednovanja nastavnika u ak. god. 2011./2012., 2012./2013., 2013./2014., 2014./2015. i 2015./2016. 2016./2017. (zimski i ljetni semestar); rezultati ankete vrednovanja preddiplomskih i diplomskih studija od strane studenata koji su tijekom ak. god. 2011./2012., 2012./2013., 2013./2014., 2014./2015., 2015./2016., 2016./2017. završili studij <b>Napomena:</b> rezultati anketa za vrednovanje nastavnika i studijskih programa za ak. god. 2016./2017. nisu dostavljeni u sumranom obliku
SWOT analiza na razini visokog učilišta	Povjerenstvo za Strategiju razvoja Fakulteta	po potrebi	1	SWOT analiza kao sastavni dio Strategije razvoja Fakulteta za razdoblje 2015-2020
Praćenje pokazatelja kvalitete na visokom učilištu*	Povjerenstvo za upravljanje kvalitetom	po potrebi	10	Godišnje izvješće o osiguravanju kvalitete Povjerenstva za upravljanje kvalitetom Plan aktivnosti za osiguravanje kvalitete Povjerenstva za upravljanje kvalitetom

Ostali oblici vrednovanja	Dekan/Prodekan za znanost i međunarodnu suradnju/Povjerenstvo za nastavu	po potrebi	3	<p>Od strane Hrvatskog inženjerskog saveza (HIS); u suradnji s European Federation of National Engineering Associations (FEANI); u ak. god. 2013./2014. provedeno vanjsko neovisno vrednovanje preddiplomskih i diplomskih studijskih programa Fakulteta, Kemijsko inženjerstvo, Kemija i inženjerstvo materijala i Ekoinženjerstvo što je rezultiralo uključivanjem ovih studijskih programa u FEANI Index listu.</p> <p>Unutarnja prosudba sustava osiguravanja kvalitete Sveučilišta u Zagrebu na Fakultetu kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu u ak. god. 2016./2017</p> <p>Samoanaliza doktorskog studija Kemijsko inženjerstva i primijenjena kemija Fakulteta kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu u sklopu reakreditacije poslijediplomskih sveučilišnih studija Agencije za znanost i visoko obrazovanje u ak. god. 2016./2017.</p>
---------------------------	--	------------	---	---

\*Pravilnik o sadržaju dopusnice te uvjetima za izdavanje dopusnice za obavljanje djelatnosti visokog obrazovanja, izvođenje studijskog programa i reakreditaciju visokih učilišta (Narodne novine, broj 24/10) i Pravilnik o uvjetima za izdavanje dopusnice za obavljanje znanstvene djelatnosti, uvjetima za reakreditaciju znanstvenih organizacija i sadržaju dopusnice (NN 83/2010)

**Tablica 2.1.** Struktura upisanih studenata i zanimanje za studijski program u tekućoj i posljednje četiri godine\*

**a) Preddiplomski studijski program Kemijsko inženjerstvo**

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2017./2018.	666	74	74	55 + 3 stranca	56	-	-	-	51	4,61	5	4,78	0	0,00
2016./2017.	804	104	84	55 + 3 stranca	55	-	-	-	55	4,52	4	4,53	36	4,23
2015./2016.	668	75	76	55 + 3 stranca	55	-	-	-	54	4,52	4	4,48	61	4,11
2014./2015.	716	81	91	55 + 3 stranca	55	-	-	-	38	4,48	-	-	17	4,12
2013./2014.	999	119	149	55 + 3 stranca	55	-	-	-	45	4,50	3	4,49	7	4,45

**b) Preddiplomski studijski program Kemija i inženjerstvo materijala**

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2017./2018.	380	39	57	55 + 3 stranca	55	-	-	-	49	4,50	5	4,03	1	4,97
2016./2017.	401	40	61	55 + 3 stranca	55	-	-	-	47	4,38	9	4,41	10	4,39
2015./2016.	396	51	56	55 + 3 stranca	55	-	-	-	53	4,41	3	4,68	45	4,29
2014./2015.	366	47	61	55 + 3 stranca	55	-	-	-	47	4,17	1	4,69	7	4,26
2013./2014.	694	92	85	55 + 3 stranca	55	-	-	-	36	4,03	14	4,12	5	4,37

**c) Preddiplomski studijski program Ekoinženjerstvo**

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2017./2018.	468	55	51	55 + 2 stranca	54	-	-	-	46	4,33	8	4,18	0	0,00
2016./2017.	553	55	56	55 + 2 stranca	55	-	-	-	50	4,29	5	4,16	18	4,24
2015./2016.	634	82	84	55 + 2 stranca	55	-	-	-	53	4,34	5	4,69	31	4,20
2014./2015.	584	67	58	55 + 2 stranca	55	-	-	-	46	4,23	3	4,10	6	4,28
2013./2014.	1324	164	170	55 + 2 stranca	55	-	-	-	43	4,20	9	3,85	3	4,19

**d) Preddiplomski studijski program Primijenjena kemija**

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2017./2018.	505	71	63	55 + 2 stranca	55	-	-	-	50	4,55	5	4,22	0	0,00
2016./2017.	576	55	74	55 + 2 stranca	55	-	-	-	49	4,48	6	4,40	6	4,44
2015./2016.	573	76	83	55 + 2 stranca	55	-	-	-	47	4,51	7	4,37	13	4,27
2014./2015.	471	60	67	55 + 2 stranca	55	-	-	-	42	4,53	6	4,61	7	4,67
2013./2014.	743	81	94	55 + 2 stranca	55	-	-	-	45	4,41	4	4,22	6	4,36

\*podatci za samovrjednovanje preuzeti sa stranica Središnjeg prijavnog ureda

e) Diplomski studijski programi

Kemijско инженерство	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
Godina								
2017./2018.	53	36	35 (1 stranac)	-	-	-	0	3,812
2016./2017.	56	36	35 (1 stranac)	-	-	-	0	3,681
2015./2016.	60 (1 stranac)	35 (1 stranac)	35 (1 stranac)	-	-	-	0 (1 stranac)	3,657
2014./2015.	46	35	35	-	-	-	1	3,596
2013./2014.	35	33	35	-	-	-	3	3,645

Kemija i inženjerstvo materijala	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
Godina								
2017./2018.	32	25	20 (2 stranca)	-	-	-	0	3,412
2016./2017.	37	22	20 (2 stranca)	-	-	-	0	3,286
2015./2016.	50	22	20 (2 stranca)	-	-	-	0	3,629
2014./2015.	16	12	20	-	-	-	0	3,428
2013./2014.	17	11	20	-	-	-	2	3,381

Ekoinženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
Godina								
2017./2018.	49	23	35 (1 stranac)	-	-	-	3 (studenti s razlikovnom godinom)	3,200
2016./2017.	57	36	35 (1 stranac)	-	-	-	0	3,593
2015./2016.	51	36	35 (1 stranac)	-	-	-	1 (student s razlikovnom godinom) 2 (studenti s FKIT-a, promjena studija)	3,527
2014./2015.	20	17	35	-	-	-	4 (studenti s razlikovnom godinom)	3,231
2013./2014.	21	17	35	-	-	-	5 (2 studenta s razlikovnom godinom)	3,549

Primijenjena kemija	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
Godina								
2017./2018.	43	36	35 (1 stranac)	-	-	-	0	3,707
2016./2017.	49	36	35 (1 stranac)	-	-	-	0	3,643
2015./2016.	52	36	35 (1 stranac)	-	-	-	0	3,591
2014./2015.	27	23	35	-	-	-	1 (student s FKIT-a, promjena studija)	3,689
2013./2014.	31	26	35	-	-	-	4 (3 studenta s razlikovnom godinom)	3,537

\* Prosječna ocjena svih upisanih studenata na studiju na dan 22.3.2018.

### f) Poslijediplomski programi

Naziv studijskog programa	Redovni studenti			Izvanredni studenti*			Broj studenata koji dolaze s drugog visokog učilišta	Prosječna ocjena**
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani <sup>#</sup>	Upisna kvota		
Godina								
KIPK 2017./2018.	-	-	-	17	17	40	2 PMF, 1 Odjel za kemiju Osijek	4,42
KIPK 2016./2017.	-	-	-	13	13	40	1 Erasmus, 1 IRB,	4,46
KIPK 2015./2016.	-	-	-	21	21	40	1 student (KTF Split, 1 student PMF Novi Sad, Srbija i 1 student PMF SuZ)	4,35
KIPK 2014./2015.	-	-	-	17	16	40	5	4,15
IK 2013./2014.	-	-	-	6	6	30	5	4,23
KI 2013./2014.	-	-	-	3	4	30	0	5,00

\* Studente poslijediplomskog studija Fakultet navodi kao izvanredne studente, s obzirom na preporuke AZVO

\*\* Prosječna ocjena posljednjeg studija, bez obzira na razinu

<sup>#</sup> Ukupni broj s prijelaznicima na drugu i treću godinu

**Tablica 2.2.** Prolaznost na studijskom programu

## a) Preddiplomski studijski programi

## Kemijско inženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja <sup>#</sup>	Prosječna ocjena studija
2007./2008.	35	2	8	25	21	1 (13)	3,642
2008./2009.	35	3	7	25	22	2 (21)	3,506
2009./2010.	46	4	23	19	18	5 (25)	3,355
2010./2011.	41	8	11	22	22	1 (19)	3,322
2011./2012.	39	6	7	25	33	3 (16)	3,165
2012./2013.	48	8	7	62	39	8 (21)	3,383

## Kemija i inženjerstvo materijala

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja <sup>#</sup>	Prosječna ocjena studija
2007./2008.	19	1	2	16	11	1 (15)	3,651
2008./2009.	18	2	5	11	17	1 (14)	3,574
2009./2010.	35	8	8	19	18	3 (15)	3,575
2010./2011.	21	4	13	4	7	1 (10)	2,997
2011./2012.	29	4	3	22	23	7 (27)	3,025
2012./2013.	23	20	14	25	20	6 (30)	3,080

## Ekoinženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja <sup>#</sup>	Prosječna ocjena studija
2007./2008.	47	10	11	26	24	2 (23)	3,326
2008./2009.	35	3	15	17	14	4 (24)	3,285
2009./2010.	47	10	16	21	22	7 (40)	3,417
2010./2011.	41	9	14	18	17	3 (28)	3,292
2011./2012.	36	1	1	34	31	3 (21)	3,265
2012./2013.	33	10	9	51	25	8 (29)	3,222

## Primijenjena kemija

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja <sup>#</sup>	Prosječna ocjena studija
2007./2008.	34	2	3	29	22	0 (3)	3,817
2008./2009.	29	1	2	26	21	0 (8)	3,812
2009./2010.	44	5	7	32	25	3 (14)	3,608
2010./2011.	35	4	15	16	18	3 (14)	3,322
2011./2012.	34	2	3	29	31	2 (24)	3,230
2012./2013.	48	7	13	40	40	0 (12)	3,382

Napomena za sve preddiplomske studije: broj upisanih studenata s kojima računa sustav ISVU je ukupan broj prvi put upisanih studenata u određenoj ak. god. umanjen za ispisane iz te generacije, a također su iz tog broja izuzeti studenti koji su prešli s navedenog studija na neki drugi studij. Broj upisanih studenata može biti manji od broja upisanih bruceša zato što je dio bruceša tokom godina prešao na druge preddiplomske studije. Broj upisanih studenata može biti veći od broja bruceša zato što imamo upisane goste studente

<sup>#</sup>u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojani su studenti ispisani na vlastiti zahtjev i oni su prešli na drugi studij

## b) Diplomski studijski programi

### Kemijsko inženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	19	0	0	19	19	0	4,125
2009./2010.	23	0	0	23	23	0	4,012
2010./2011.	27	0	0	27	27	0 (2)#	3,996
2011./2012.	17	0	0	17	17	0	3,895
2012./2013.	35	0	0	35	35	0 (1)	4,026
2013./2014.	34	1	1	32	34	0	4,443
2014./2015.	36	1	2	33	33	2 (1)	4,454

### Kemija i inženjerstvo materijala

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	5	0	0	5	5	0	4,371
2009./2010.	9	0	0	9	9	0	4,024
2010./2011.	15	0	0	15	15	0	4,208
2011./2012.	16	1	2	13	13	1	3,985
2012./2013.	21	0	0	21	21	1 (2)	3,915
2013./2014.	13	0	0	13	11	2	4,056
2014./2015.	12	0	1	10	11	0 (1)	4,385

### Ekoinženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	28	0	0	28	28	0	4,152
2009./2010.	31	0	0	31	31	0	3,825
2010./2011.	16	0	0	16	16	0	3,851
2011./2012.	13	0	1	12	13	0 (4)#	3,889
2012./2013.	18	0	1	17	17	1 (1)	3,526
2013./2014.	15	0	1	14	15	0	4,309
2014./2015.	17	2	1	15	13	2	4,299



## Primijenjena kemija

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	12	0	0	12	10	2	4,120
2009./2010.	26	0	0	26	26	0	4,012
2010./2011.	25	0	0	25	25	0	4,023
2011./2012.	15	1	0	14	14	0	3,845
2012./2013.	29	0	0	29	29	0	3,897
2013./2014.	23	0	1	22	23	0	4,392
2014./2015.	26	0	1	25	25	0	4,316

# u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojani su studenti ispisani na vlastiti zahtjev i oni su prešli na drugi studij

**Tablica 2.3.** Provjera ishoda učenja (struktura načina polaganja ispita na preddiplomskim i diplomskim studijskim programima Fakulteta)

a) Preddiplomski studijski programi

Naziv studijskog programa		Samo završni ispit			Praktični rad i završni ispit	Samo kolokvij/zadaće	Kolokvij/zadaća i završni ispit	Seminarski rad	Seminarski rad i završni ispit	Praktični rad	Drugi oblici
		Završni pismeni ispit	Završni usmeni ispit	Pismeni i usmeni završni ispit							
Kemijsko inženjerstvo	Broj (od 40)	0	0	0	1	21	11	10	0	21	40
	Postotak	0	0	0	2,5	52,5	27,5	25,0	0	52,5	100
Kemija i inženjerstvo materijala	Broj (od 41)	0	0	0	1	23	12	6	0	28	41
	Postotak	0	0	0	2,4	56,1	29,3	14,6	0	68,3	100
Ekoinženjerstvo	Broj (od 49)	0	0	0	1	28	10	13	1	24	49
	Postotak	0	0	0	2,0	57,1	20,4	26,5	2,0	49,0	100
Primijenjena kemija	Broj (od 50)	0	0	0	1	31	12	14	0	27	50
	Postotak	0	0	0	2,0	62,0	24,0	28,0	0	54,0	100
UKUPNO	Broj (od 180)	0	0	0	4	103	45	43	1	100	180
	Postotak	0	0	0	2,2	57,2	25,0	23,9	0,6	55,6	100

b) Diplomski studijski programi

Naziv studijskog programa		Samo završni ispit			Praktični rad i završni ispit	Samo kolokvij/zadaće	Kolokvij/zadaća i završni ispit	Seminarski rad	Seminarski rad i završni ispit	Praktični rad	Drugi oblici
		Završni pismeni ispit	Završni usmeni ispit	Pismeni i usmeni završni ispit							
<b>Kemijsko inženjerstvo</b>											
Modul Kemijsko procesno inženjerstvo (KPI)	Broj (od 41+27*)	0	0	0	1	42	13	23	4	42	68
	Postotak	0	0	0	1,5	61,8	19,1	33,8	5,9	61,8	100
Modul Kemijsko inženjerstvo u zaštiti okoliša (KIZO)	Broj (od 41+27*)	0	0	0	1	45	14	17	4	44	68
	Postotak	0	0	0	1,5	66,1	20,6	25,0	5,9	64,7	100
Modul Kemijske tehnologije i proizvodi (KTP)	Broj (od 41+27*)	0	0	0	1	44	15	18	4	44	68
	Postotak	0	0	0	1,5	64,7	22,1	26,4	5,9	64,7	100
Kemijsko inženjerstvo ukupno	Broj (od 123+81*)	0	0	0	3	131	42	58	12	130	204
	Postotak	0	0	0	1,5	64,2	20,6	28,4	5,6	63,7	100
<b>Kemija i inženjerstvo materijala</b>											
	Broj (od 33+27*)	0	0	0	1	41	13	17	4	46	60
	Postotak	0	0	0	1,7	68,3	21,7	28,3	6,7	76,7	100
<b>Ekoinženjerstvo</b>											
	Broj (od 38+27*)	0	0	0	1	46	14	27	4	47	65
	Postotak	0	0	0	1,5	70,8	21,5	45,0	6,2	78,3	100
<b>Primijenjena kemija</b>											
Modul Kemija okoliša (A)	Broj (od 30+27*)	0	0	0	1	38	14	22	3	39	57
	Postotak	0	0	0	1,8	66,7	24,6	38,6	5,3	68,4	100
Modul Specifični materijali i napredne tehnologije (B)	Broj (od 35+27*)	0	0	0	1	42	15	22	3	44	62
	Postotak	0	0	0	1,6	67,7	24,1	35,5	4,8	71,0	100
Modul Primijenjena organska kemija (C)	Broj (od 31+27*)	0	0	0	1	40	15	16	3	41	58
	Postotak	0	0	0	1,7	69,0	25,9	27,6	5,2	70,7	100
Primijenjena kemija ukupno	Broj (od 96+81*)	0	0	0	3	120	44	60	9	124	177
	Postotak	0	0	0	1,7	67,8	24,9	33,9	5,1	70,1	100
<b>Diplomski studiji ukupno</b>											
	Broj (od 290+216*)	0	0	0	8	338	113	162	29	347	506
	Postotak	0	0	0	1,6	66,8	22,3	32,0	5,7	68,6	100

**Tablica 2.4.** Broj znanstvenih radova u znanstvenim časopisima koje objavljuju doktorandi prilikom izrade doktorske disertacije

Naziv doktorskog studija	Broj obranjenih doktorskih disertacija u posljednjih 5 godina*	Broj objavljenih radova potreban za pristup obrani disertacije	Broj objavljenih radova doktoranada u inozemnim znanstvenim časopisima relevantnim za izbor u znanstvena zvanja	Broj objavljenih radova doktoranada u domaćim znanstvenim časopisima relevantnim za izbor u znanstvena zvanja***
Kemijsko inženjerstvo	21	26*	205+109	8+11
Inženjerska kemija	55	60*		
Kemijsko inženjerstvo i primijenjena kemija	1*	1*		

\* Zahtijeva se minimalno jedan rad u inozemnom znanstvenom časopisu

\*\* Doktorandi s različitih studija međusobno surađuju. Da bi se izbjeglo preklapanje daje se ukupan broj

\*\*\* Umjesto kategorije domaći znanstveni časopisi (koja nije relevantna za područje djelovanja); daje se kategorija SCOPUS – WoS, koja obuhvaća nekoliko domaćih i stranih časopisa

**Tablica 2.4.1.** Popis doktoranada

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
1.	IK	Jakovljević	Ivana	Gordana Pehnc, Vesna Tomašić	12.12.2017.
2.	IK	Jukić	Mirela	Lidija Curkovic	12.12.2017.
3.	IK	Đokić	Maja	Tomislav Bolanča, Nina Bilandžić	08.12.2017.
4.	IK	Strahovnik	Tomislav	Tomislav Bolanca i Marko Rogošić	17.11.2017.
5.	IK	Ganjto	Marin	Hrvoje Ivanković	14.11.2017.
6.	KIP	Hajduković	Mateja	Mirela Samardžić, Stjepan Milardović	01.09.2017.
7.	IK	Tušek	Dragutin	Danijela Ašperger	12.06.2017.
8.	IK	Horak	Ema	Ivana Steinberg	02.06.2017.
9.	IK	Zebić Avdičević	Maja	Slaven Dobrović, Krešimir Košutić	14.02.2017.
10.	IK	Herner	Željko	Felicita Briški	10.02.2017.
11.	IK	Ivanković	Antonio	Sanja Martinez	14.12.2016
12.	IK	Minga (Lozić)	Iva	Stanislav Kurajica	9.12.2016
13.	IK	Simčić	Ivan	Stanislav Kurajica	5.10.2016
14.	KI	Margeta	Dunja	Katica Sertić Bionda	15.7.2016
15.	IK	Popović	Marijana	Irena Drmić Hofman, Marijana Hranjec	5.05.2016
16.	KI	Le Cunff	Jérôme	Vesna Tomašić	4.04.2016
17.	KI	Panjičko	Mario	Bruno Zelić, Gregor Drago Zupančić	23.12.2015
18.	IK	Radojević Lacković	Sandra	Tomislav Bolanča	11.12.2015
19.	IK	Hajdari	Zana	Helena Otmačić Ćurković	20.11.2015
20.	IK	Jozanović	Marija	Milan Sak-Bosnar, Zoran Mandić	14.07.2015
21.	IK	Veršić Bratinčević	Maja	Davorica Sutlović, Sandra Babić	30.06.2015
22.	KI	Šalić	Anita	Bruno Zelić	16.06.2015
23.	KI	Sudar	Martina	Zvezdana Findrik Blažević	15.06.2015
24.	IK	Opačak	Ivana	Mira Ristić	12.06.2015
25.	IK	Kassal	Petar	Ivana Steinberg, Matthew Steinberg	12.06.2015
26.	IK	Rogina	Anamarija	Marica Ivanković	11.06.2015
27.	IK	Novak Stankov	Mirjana	Tomislav Bolanča	08.06.2015
28.	KI	Mohler	Ivan	Nenad Bolf	20.03.2015
29.	KI	Ćosić	Ivana	Marija Vuković Domanovac	13.03.2015
30.	IK	Palčić	Marina	Zorana Grabarić, Stjepan Milardović	18.02.2015
31.	IK	Periša	Martina	Sandra Babić	13.02.2015

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
32.	IK	Vladislavić	Nives	Slobodan Brinić, Stjepan Milardović	18.12.2014
33.	KI	Kučić	Dajana	Felicita Briški	08.12.2014
34.	IK	Ivešić	Martina	Sandra Babić, Zdenko Šmit	24.11.2014
35.	IK	Stipković Babić	Maja	Mladen Mintas	07.11.2014
36.	KI	Penović	Tomislav	Aleksandra Sander	31.10.2014
37.	IK	Sopčić	Suzana	Zoran Mandić	24.10.2014
38.	IK	Pustaj	Gordana	Frankica Kapor, Sanja Martinez	16.10.2014
39.	IK	Dimitrov	Nino	Zlata Hrnjak-Murgić	30.09.2014
40.	IK	Burčul	Franko	Mila Radan, Irena Škorić	30.09.2014
41.	KI	Rešček	Ana	Zlata Hrnjak Murgić	05.09.2014
42.	IK	Faraguna	Fabio	Ante Jukić	02.09.2014
43.	IK	Skoko	Božena	Gordana Marović, Sanja Papić	18.07.2014
44.	KI	Mužek	Mario Nikola	Jelica Zelić, Hrvoje Ivanković	17.07.2014
45.	IK	Magdić	Katja	Zoran Mandić, Višnja Horvat Radošević	17.07.2014
46.	IK	Galović	Olivera	Mirela Samardžić, Stjepan Milardović	16.06.2014
47.	IK	Žegarac	Miroslav	Miljenko Dumić	16.05.2014
48.	IK	Štajdohar	Jasenka	Mira Ristić	11.04.2014
49.	IK	Nodilo	Marijana	Stjepan Milardović, Željko Grahek	25.03.2014
50.	IK	Nestić	Marina	Sandra Babić, Davorka Sutlović	17.03.2014
51.	IK	Meščić	Andrijana	Silvana Raić-Malić	14.03.2014
52.	IK	Šagud	Ivana	Marija Šindler	10.03.2014
53.	IK	Dražević	Emil	Krešimir Košutić, Vladimir Dananić	07.03.2014
54.	IK	Perin	Nataša	Marijana Hranjec	07.03.2014
55.	IK	Milovac	Dajana	Hrvoje Ivanković. Gloria G.Ferrer	31.01.2014
56.	IK	Kerolli-Mustafa	Mihone	Lidija Ćurković, Juraj Šipušić	29.01.2014
57.	KI	Šoštarić	Igor	Stanka Zrnčević	16.12.2013
58.	KI	Buhin Šturlić	Zrinka	Sanja Lučić Blagojević	08.11.2013
59.	IK	Peček	Gorana	Dragana Mutavdžić Pavlović	10.10.2013
60.	IK	Zrnčić	Mirta	Sandra Babić	09.10.2013
61.	KI	Gabrić	Beata	Aleksandra Sander	30.09.2013
62.	IK	Prkić	Ante	Josipa Giljanović, Stjepan Milardović	30.09.2013
63.	KI	Ormuž Pavić	Bojana	Emi Govorčin-Bajsić	20.09.2013
64.	IK	Zekić	Marina	Irena Škorić, Ani Radonić	19.07.2013
65.	KI	Wittine	Ozren	Stanka Zrnčević, Jacques Barbier	18.07.2013
66.	IK	Linarić	Martina	Laszlo Sipos	15.07.2013
67.	IK	Buić	Zdenko	Bruno Zelić, Tomislav Bolanča	11.07.2013
68.	IK	Aleksić	Maja	Grace Karminski-Zamola, Marijana Hranjec	11.07.2013
69.	KI	Šoštarec	Anita	Antun Glasnović, Darko Gosak	20.06.2013
70.	IK	Nakić-Alfirević	Barbara	Juraj Šipušić, Andreja Gajović	05.06.2013
71.	KI	Ocelić Bulatović	Vesna	Vesna Rek	29.05.2013
72.	KI	Knežević	Zdravka	Marin Hraste	17.05.2013
73.	IK	Blažek	Vesna	Nikola Basarić	15.04.2013
74.	KI	Katančić	Zvonimir	Zlata Hrnjak-Murgić	08.03.2013
75.	IK	Benci	Krešimir	Mladen Mintas	07.03.2013

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
76.	IK	Vrsaljko	Dijana	Mirela Leskovac	14.02.2013
77.	KI	Mastelić Samardžić	Zrinka	Stanka Zrnčević	31.01.2013

### Djevojačka prezimena doktorandica i mentorica

Doktorandice:

1. Martina Biošić, rođ. Periša
2. Vesna Blažek Bregović, rođ. Blažek
3. Zrinka Buhin Šturlić, rođ. Buhin
4. Maja Cindrić, rođ. Aleksić
5. Mirta Čizmić, rođ. Zrnčić
6. Zana Hajdari Gretić, rođ. Hajdari
7. Marija Jozanović, rođ. Horvat
8. Katja Magdić Košiček, rođ. Magdić
9. Dajana Milovac, dio radova pod prezimenom Kranželić
10. Iva Minga, dio radova pod prezimenom Lozić
11. Barbara Nakić-Alfirević, rođ. Odak
12. Mirjana Novak Stankov, rođ. Novak
13. Dijana Cerić rođ. Drljača
14. Mirela Jukić rođ. Milas
15. Ivana Jakovljević rođ. Lulić
16. Maja Zebić Avdičević rođ. Zebić
17. Gordana Peček r. Hrlec

Mentorice:

1. Mila Radan, rođ. Jukić

**Tablica 2.4.2.** Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Babić, Dinko; Senčar, Jasminka; Petrincec, Branko; Marović, Gordana; Bituh, Tomislav; Skoko, Božena. Fine structure of the absorbed dose rate monitored in Zagreb, Croatia, in the period 1985-2011. // <i>Journal of environmental radioactivity</i> . <b>118</b> (2013); 75-79	3,571 (2013.)	IK
2.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić, Đurđica; Končurat, Ana. Concentrations of microelements Al, Co, Cr, Li, Mo, Ni, Sb and Sr in the milk of Croatian Coldblood mares. // <i>Mljekarstvo</i> . <b>63</b> (2013) , 3; 150-157	0,484 (2013.)	IK
3.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Brstilo, Mate; Sokolić-Mihalak, Darja; Jurković, Zorica. Comparative study of iron, magnesium and zinc and daily intakes in certain meats and meat products. // <i>Slovenian veterinary research</i> . <b>50</b> (2013) , 3; 103-110	0,222 (2013.)	IK
4.	Blažek, Vesna; Molčanov, Krešimir; Mlinarić-Majerski, Kata; Kojić-Prodić, Biserka; Basarić, Nikola. Adamantane bisurea derivatives: anion binding in the solution and in the solid state. // <i>Tetrahedron</i> . <b>69</b> (2013); 2; 517-526	2,817 (2013.)	IK
5.	Brinić, Slobodan; Vladislavić, Nives; Buzuk, Marijo; Bralić, Marija; Šolić, Mislav. Bismuth film random array carbon fiber micro electrodes for determination of cysteine and N-acetyl cysteine. // <i>Journal of electroanalytical chemistry</i> . <b>705</b> (2013); 86-90	2,871 (2013.)	IK
6.	Buhin, Zrinka; Lučić Blagojević, Sanja; Leskovac Mirela. In situ emulsion polymerization and characterization of poly(butyl acrylate-co-methyl methacrylate)/silica nanosystems. // <i>Polymer engineering &amp; science</i> . <b>53</b> (2013); 11; 2292-2298	1,441 (2013.)	KI

7.	Čosić, Ivana; Vuković, Marija; Gomzi, Zoran; Briški, Felicita. Modelling of kinetics of microbial degradation of simulated leachate from tobacco dust waste. // <i>Chemical papers</i> . <b>67</b> (2013); 9; 1138-1145	1,193 (2013.)	KI
8.	Dimitrov, Nino; Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Hrnjak-Murgić, Zlata. Analysis of recycled PET bottles products by pyrolysis-gas chromatography. // <i>Polymer degradation and stability</i> . <b>98</b> (2013); 5; 972-979	2,633 (2013.)	IK
9.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir; Mutavdžić Pavlović, Dragana. Coating layer effect on performance of thin film nanofiltration membrane in removal of organic solutes. // <i>Separation and purification technology</i> . <b>118</b> (2013); 530-539	3,065 (2013.)	IK
10.	Gabrić, Beata; Sander, Aleksandra; Cvjetko Bubalo, Marina, Macut, Dejan. Extraction of S- and N-compounds from the mixture of hydrocarbons by ionic liquids as selective solvents. // <i>The scientific world journal</i> . <b>2013</b> (2013); Article Number: 512953; 1-11	1,219 (2013.)	KI
11.	Generalić Mekinić, Ivana; Burčul, Franko; Blažević, Ivica; Skroza, Danijela; Kerum, Daniela; Katalinić, Višnja. Antioxidative / acetylcholinesterase inhibitory activity of some Asteraceae plants. // <i>Natural product communications</i> . <b>8</b> (2013); 4; 471-474	0,924 (2013.)	IK
12.	Govorčin Bajsić, Emi; Rek, Vesna; Ormuž Pavić, Bojana. The influence of talc content on the thermal and mechanical properties of polyurethane/polypropylene blends. // <i>Journal of elastomers and plastics</i> . <b>45</b> (2013); 6; 501-522	0,714 (2013.)	KI
13.	Grahek, Željko; Milanović, Ivana; Nodilo, Marijana; Rožmarić, Martina. Sequential separation of Fe and Sr from liquid samples by using Sr resin and rapid determination of <sup>55</sup> Fe and <sup>89, 90</sup> Sr. // <i>Applied radiation and isotopes</i> . <b>81</b> (2013); 42-48	1,056 (2013.)	IK
14.	Ivešić, Martina; Babić, Sandra; Krivohlavek, Adela; Šmit, Zdenko. Determination of cyanuric acid in whey powder using HILIC-MS/MS. // <i>Analytical methods</i> . <b>5</b> (2013); 5188-5194	1,938 (2013.)	IK
15.	Jakovljević, Tamara; Cvjetko, Marina; Sedak, Marija; Đokić, Maja; Bilandžić, Nina; Vorkapić-Furač, Jasna; Radojčić Redovniković, Ivana. Balance of glucosinolates content under Cd stress in two Brassica species. // <i>Plant physiology and biochemistry</i> . <b>63</b> (2013); 99-106	2,352 (2013.)	IK
16.	Jelčić, Želimir; Mastelić Samardžić, Zrinka; Zrnčević, Stanka. Fractal analysis of catalyst surface morphologies on hydrogenation in process of 2-((1-benzylpiperidin-4-yl)methyl)-5, 6-dimethoxy-2, 3-dihydroinden-1-one hydrochloride synthesis. // <i>Applied catalysis. A, General</i> . <b>456</b> (2013); 30-43	3,674 (2013.)	KI
17.	Kassal, Petar; Murković Steinberg, Ivana; Steinberg, Matthew D. Wireless smart tag with potentiometric input for ultra low-power chemical sensing. // <i>Sensors and actuators. B, Chemical</i> . <b>184</b> (2013); 254-259	3,840 (2013.)	IK
18.	Katić, Jozefina; Metikoš-Huković, Mirjana; Babić, Ranko; Marciuš, Marijan. Sol-gel derived biphasic calcium phosphate ceramics on Nitinol for medical applications. // <i>International journal of electrochemical science</i> . <b>8</b> (2013); 1; 1394-1408	1,956 (2013.)	IK
19.	Kerolli-Mustafa, Mihone; Bačić, Ivana; Čurković, Lidija. Investigation of Jarosite process tailing waste by means of Raman and infrared spectroscopy. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>44</b> (2013); 9; 768-773	0,433 (2013.)	IK
20.	Kučić, Dajana; Čosić, Ivana; Vuković Domanovac, Marija; Briški, Felicita. Sorption kinetic studies of ammonium from aqueous solution on different inorganic and organic media. // <i>Acta chimica Slovenica</i> . <b>60</b> (2013); 1; 109-119	0,810 (2013.)	KI
21.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Zeolite and potting soil sorption of CO <sub>2</sub> and NH <sub>3</sub> evolved during co-composting of grape and tobacco waste. // <i>Chemical Papers</i> . <b>67</b> (2013); 9; 1172-1180	1,193 (2013.)	KI
22.	Linarić, Martina; Markić, Marinko; Sipos, Laszlo. High salinity wastewater treatment. // <i>Water science &amp; technology</i> . <b>68</b> (2013); 6; 1400-1405	1,212 (2013.)	IK
23.	Lučić Blagojević, Sanja; Buhin, Zrinka; Igrac, Ivona. Influence of silica nanofiller on the isothermal crystallization and melting of polyurethane elastomer. // <i>Journal of applied polymer science</i> . <b>129</b> (2013); 3; 1466-1475	1,640 (2013.)	KI
24.	Meščić, Andrijana; Betzel, Thomas; Müller, Roger; Slavik, Roger; Čermak, Stjepko; Raić-Malić, Silvana; Ametamey M., Simon. Synthesis and biological evaluation of a new acyclic pyrimidine derivative as a probe for imaging herpes simplex virus type 1 thymidine kinase gene expression. // <i>Molecules</i> . <b>18</b> (2013); 8535-8549	2,095 (2013.)	IK
25.	Meščić, Andrijana; Glavač, Danijel; Osmanović, Amar; Završnik, Davorka; Cetina, Mario; Makuc, Damjan; Plavec, Janez; Ametamey, M. Simon; Raić-Malić, Silvana. N-alkylated and O-alkylated regioisomers of 5-(hydroxyalkyl)pyrimidines: Synthesis and structural study. // <i>Journal of molecular structure</i> . <b>1039</b> (2013); 160-166	1,599 (2013.)	IK

26.	Meščić, Andrijana; Krištafor, Svjetlana; Novaković, Ivana; Osmanović, Amar; Müller, Ursina; Završnik, Davorka; Ametamey, Simon M.; Scapozza, Leonardo; Raić-Malić, Silvana. C-5 hydroxyethyl and hydroxypropyl acyclonucleosides as substrates for thymidine kinase of herpes simplex virus type 1 (HSV-1 TK): Syntheses and biological evaluations. // <i>Molecules</i> . <b>18</b> (2013); 5; 5104-5124	2,095 (2013.)	IK
27.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad; Galinec, Goran. Distillation end point estimation in the diesel fuel production. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 2; 125-132	0,911 (2013.)	KI
28.	Nestić, Marina; Babić, Sandra; Mutavdžić Pavlović, Dragana; Sutlović, Davorka. Molecularly imprinted solid phase extraction for simultaneous determination of $\Delta^9$ -tetrahydrocannabinol and its main metabolites by gas chromatography-mass spectrometry in urine samples. // <i>Forensic science international</i> . <b>231</b> (2013); 1/3; 317-324	2,115 (2013.)	IK
29.	Novak, Mirjana; Mohler, Ivan; Golob, Marjan; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of kerosene cold filter plugging point using soft sensors. // <i>Fuel processing technology</i> . <b>113</b> (2013); 8-19	3,019 (2013.)	IK, KI
30.	Ocelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Influence of polymer types on bitumen engineering properties. // <i>Materials research innovations</i> . <b>17</b> (2013); 3; 189-194	0,473 (2013.)	KI
31.	Ocelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Rheological properties and stability of ethylene vinyl acetate polymer-modified bitumen. // <i>Polymer engineering and science</i> . <b>53</b> (2013); 11; 2276-2283	1,441 (2013.)	KI
32.	Peček, Gorana; Mutavdžić Pavlović, Dragana; Babić, Sandra. Development and validation of a SPE-GC-MS method for the determination of pesticide in surface water. // <i>International journal of environmental analytical chemistry</i> . <b>93</b> (2013); 12; 1311-1328	1,321 (2013.)	IK
33.	Penović, Tomislav; Sander, Aleksandra; Grozdanić, Vedrana. Spray drying of aqueous solutions of inorganic and organic materials. // <i>Particulate science and technology</i> . <b>31</b> (2013); 5; 458-465	0,482 (2013.)	KI
34.	Perin, Nataša; Martin Kleiner, Irena; Nhili, Raja; Laine, William; David-Cordonnier, Marie-Héle'ne; Vugrek, Oliver; Karminski-Zamola, Grace; Kralj, Marijeta; Hranjec, Marijana. Biological activity and DNA binding studies of 2-substituted benzimidazo[1, 2-a]quinolines bearing different amino side chains. // <i>Medicinal chemistry communications</i> . <b>4</b> (2013); 1537-1550	2,626 (2013.)	IK
35.	Ristić, Mira; Opačak, Ivana; Musić, Svetozar. The synthesis and microstructure of goethite particles precipitated in highly alkaline media. // <i>Journal of alloys and compounds</i> . <b>559</b> (2013); 49-56	2,726 (2013.)	IK
36.	Ristić, Mira; Fujii, Tatsuo; Hashimoto, Hideki; Opačak, Ivana; Musić, Svetozar. A novel route in the synthesis of magnetite nanoparticles. // <i>Materials letters</i> . <b>100</b> (2013); 93-97	2,269 (2013.)	IK
37.	Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje. Preparation and characterization of nano-hydroxyapatite within chitosan matrix. // <i>Materials science and engineering. C</i> . <b>33</b> (2013); 8; 4539-4544	2,736 (2013.)	IK
38.	Sakač, Nikola; Sak-Bosnar, Milan; Horvat, Marija. Direct potentiometric determination of starch using a platinum redox sensor. // <i>Food chemistry</i> . <b>138</b> (2013); 1; 9-12	3,259 (2013.)	IK
39.	Sopčić, Suzana; Peter, Robert; Petravić, Mladen; Mandić, Zoran. New insights into the mechanism of pseudocapacitance deterioration in electrodeposited MnO <sub>2</sub> under negative potentials. // <i>Journal of power sources</i> . <b>240</b> (2013); 252-257	5,211 (2013.)	IK
40.	Sudar, Martina; Valinger, Davor; Findrik, Zvezdana; Vasić-Rački, Đurđa; Kurtanjek, Želimir. Effect of different variables on the efficiency of the baker's yeast cell disruption process to obtain alcohol dehydrogenase activity. // <i>Applied biochemistry and biotechnology</i> . <b>169</b> (2013); 3; 1039-1055	1,687 (2013.)	KI
41.	Sudar, Martina; Findrik, Zvezdana; Vasić- Rački, Đurđa; Clapés, Pere; Lozano, Carles. Mathematical model for aldol addition catalyzed by two D-fructose-6-phosphate aldolases variants overexpressed in E. coli. // <i>Journal of biotechnology</i> . <b>167</b> (2013); 3; 191-200	2,884 (2013.)	KI
42.	Sudar, Martina; Findrik Zvezdana; Vasić-Rački, Đurđa; Clapés, Pere; Lozano, Carles. Aldol addition of dihydroxyacetone to N-Cbz-3- aminopropanal catalyzed by two aldolases variants in microreactors. // <i>Enzyme and microbial technology</i> . <b>53</b> (2013); 1; 38-45	2,966 (2013.)	KI
43.	Šalić, Anita; Pindrić, Katarina; Zelić, Bruno. Bioproduction of food additives hexanal and hexanoic acid in a microreactor. // <i>Applied biochemistry and biotechnology</i> . <b>171</b> (2013); 8; 2273-2284	1,687 (2013.)	KI



44.	Šalić, Anita; Pindrić Katarina; Hojnik Podrepšek, Gordana; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor catalyzed by ADH immobilized on $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles. // <i>Green processing and synthesis</i> . <b>2</b> (2013); 6; 569-578	1,125 (2014.)	KI
45.	Šalić, Anita; Ivanković, Mia; Ferik, Elvira; Zelić, Bruno. ADH based NAD <sup>+</sup> regeneration in a microreactor. // <i>Journal of chemical technology and biotechnology</i> . <b>88</b> (2013); 9; 1721-1729	2,494 (2013.)	KI
46.	Šalić, Anita; Faletar, Petra; Zelić, Bruno. NAD <sup>+</sup> regeneration in a microreactor using permeabilized baker's yeast cells. // <i>Biochemical engineering journal</i> . <b>77</b> (2013); 88-96	2,368 (2013.)	KI
47.	Štajdohar, Jasenka; Ristić, Mira; Musić, Svetozar. The effect of experimental conditions on the microstructure of hematite particles precipitated by the forced hydrolysis of FeCl <sub>3</sub> solutions. // <i>Journal of molecular structure</i> . <b>1044</b> (2013); SI; 290-298	1,599 (2013.)	IK
48.	Švarc, Anera; Ukić, Šime; Radojević Lacković, Sandra; Đuričić, Biljana; Novak, Mirjana; Bolanča, Tomislav. Influence of ultrasonic and microwave irradiation on cation exchange properties of clay material. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 29-35	0,911 (2013.)	IK
49.	Ukić, Šime; Rogošić, Marko; Novak, Mirjana; Šimović, Ena; Tišler, Vesna; Bolanča, Tomislav. Optimization of IC separation based on isocratic- to-gradient retention modeling in combination with sequential searching or evolutionary algorithm. // <i>Journal of analytical methods in chemistry</i> . (2013); 549729-1-549729-11; Article ID 549729	0,948 (2013.)	IK
50.	Vuković Domanovac, Marija; Čosić, Ivana; Sojčić, Martina; Briški, Felicita. Treatment of tobacco dust leachate by activated sludge - evaluation of biokinetic parameters. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 51-56	0,911 (2013.)	KI
51.	Aleksić, Maja; Bertoša, Branimir; Nhili, Raja; Depauw, Sabine; Martin-Kleiner, Irena; David-Cordonnier, Marie-Helene; Tomić, Sanja; Kralj, Marijeta; Karminski-Zamola, Grace. Anilides and quinolones with nitrogen-bearing substituents from benzothiophene- and thienothiophene- series: synthesis, photochemical synthesis, cytostatic evaluation, 3D-derived QSAR analysis and DNA-binding properties. // <i>European journal of medicinal chemistry</i> . <b>71</b> (2014); 267-281	3,447 (2014.)	IK
52.	Ašperger, Danijela; Tišler, Vesna; Zrnčić, Mirta; Mutavdžić Pavlović, Dragana; Babić, Sandra; Horvat, Alka J. M.; Kaštelan-Macan, Marija. HPLC-DAD-FLD Determination of veterinary pharmaceuticals in pharmaceutical industry wastewater with precolumn derivatization using fluorescamine. // <i>Chromatographia</i> . <b>77</b> (2014); 1059-1066	1,411 (2014.)	IK
53.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Cvetnić, Željko. Assessment of aflatoxin M1 contamination in the milk of four dairy species in Croatia. // <i>Food control</i> . <b>43</b> (2014); 18-21	2,806 (2014.)	IK
54.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Tanković, Sanin; Cvetnić, Željko. Seasonal effect on aflatoxin M1 contamination in raw and UHT milk from Croatia. // <i>Food control</i> . <b>40</b> (2014); 2; 260-264	2,806 (2014.)	IK
55.	Bilandžić, Nina; Gačić, Milica; Đokić, Maja; Sedak, Marija; Ivanec Šipušić, Đurđica; Končurat, Ana; Tlak Gajger, Ivana. Major and trace elements levels in multifloral and unifloral honeys in Croatia. // <i>Journal of food composition and analysis</i> . <b>33</b> (2014); 132-138	1,985 (2014.)	IK
56.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Trace elements content in cheese, cream and butter. // <i>Mljekarstvo</i> . <b>64</b> (2014); 3; 150-158	0,481 (2014.)	IK
57.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić, Đurđica; Končurat, Ana. Differences of the essential mineral element levels in the milk of Croatian Coldblood horse and Littoral-Dinaric donkey. // <i>Mljekarstvo</i> . <b>64</b> (2014); 1; 12-18	0,481 (2014.)	IK
58.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Brstilo, Mate; Šimić, Branimir. Determination of zinc concentrations in foods of animal origin, fish and shellfish from Croatia and assessment of their contribution to dietary intake. // <i>Journal of food composition and analysis</i> . <b>35</b> (2014); 2; 61-66	1,985 (2014.)	IK
59.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Končurat, Ana. Content of macro- and microelements in the milk of Croatian coldblood mares during lactation. // <i>Slovenian veterinary research</i> . <b>51</b> (2014); 4; 171-177	0,222 (2014.)	IK

60.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Zrnčić, Snježana; Oraić, Dražen; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica. Copper, iron, selenium, zinc and magnesium concentrations in oysters ( <i>Ostrea edulis</i> ) from the Croatian Adriatic coast. // <i>Slovenian veterinary research</i> . <b>51</b> (2014), 3; 147-155	0,222 (2014.)	IK
61.	Bolanča, Tomislav; Ukić, Šime; Novak, Mirjana; Rogošić, Marko. Computer assisted method development in liquid chromatography. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 2; 111-122	0,728 (2014.)	IK
62.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir. Mass transfer of differently sized organic solutes at spacer covered and permeable nanofiltration wall. // <i>Chemical engineering journal</i> . <b>244</b> (2014); 152-159	4,321 (2014.)	IK
63.	Dražević, Emil; Košutić, Krešimir; Freger, Viatcheslav. Permeability and selectivity of reverse osmosis membranes: Correlation to swelling revisited. // <i>Water research</i> . <b>49</b> (2014); 444-452	5,528 (2014.)	IK
64.	Dražević, Emil; Košutić, Krešimir; Kolev, Vesselin; Freger, Viatcheslav. Does hindered transport theory apply to desalination membranes?. // <i>Environmental science &amp; technology</i> . <b>48</b> (2014); 19; 11471-11478	5,330 (2014.)	IK
65.	Faraguna, Fabio; Peter, Robert; Volovšek, Vesna; Jukić, Ante. Synthesis and characterization of alkyl ester functionalized multiwall carbon nanotubes. // <i>Journal of nanoscience and nanotechnology</i> . <b>14</b> (2014); 8; 6347-6354	1,556 (2014.)	IK
66.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. A new sensing material for the potentiometric determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7; 3802-3818	1,500 (2014.)	IK
67.	Kassal, Petar; Šurina, Robert; Vrsaljko, Domagoj; Murković Steinberg, Ivana. Hybrid sol-gel thin films doped with a pH indicator : Effect of organic modification on optical pH response and surface hydrophobicity. // <i>Journal of sol-gel science and technology</i> . <b>69</b> (2014); 3; 586-595	1,532 (2014.)	IK
68.	Katić, Jozefina; Metikoš-Huković, Mirjana. Correlation between electronic and corrosion properties of the passive oxide film on Nitinol. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 350-356	0,686 (2014.)	IK
69.	Katić, Jozefina; Metikoš-Huković, Mirjana; Babić, Ranko. Synthesis and characterization of calcium phosphate coatings on Nitinol. // <i>Journal of applied electrochemistry</i> . <b>44</b> (2014); 1; 87-96	2,409 (2014.)	IK
70.	Kereković, Irena; Milardović, Stjepan; Palčić, Marina; Grabarić, Zorana. Characterization of cysteamine self assembled on gold functionalized with nitrilotriacetic acid and evaluation of copper(II) binding capacity with adsorption transfer stripping voltammetry. // <i>Journal of electroanalytical chemistry</i> . <b>724</b> (2014); 103-110	2,729 (2014.)	IK
71.	Kopčić, Nina; Vuković Domanovac, Marija; Kučić, Dajana; Briški, Felicita. Evaluation of laboratory-scale in-vessel co-composting of tobacco and apple waste. // <i>Waste management</i> . <b>34</b> (2014); 2; 323-328	3,220 (2014.)	KI
72.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera. Effect of beta-alanine dietary supplement on concentration of carnosine and quality of broiler muscle tissue. // <i>Journal of poultry science</i> . <b>51</b> (2014); 2; 151-156	0,802 (2014.)	IK
73.	Krivohlavek, Adela; Žuntar, Irena; Ivešić, Martina; Mandić Andačić, Ivana; Šikić, Sandra. An important public health issue: chloramphenicol residues determination by liquid chromatography tandem mass spectrometry (LC-MS/MS) in honey. // <i>Psychiatria Danubina</i> . <b>26</b> (2014); S3; 537-545	1,301 (2014.)	IK
74.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance of electrochemically modified graphite. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 2; 366-375	0,686 (2014.)	IK
75.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Concept of spatial surface heterogeneity in impedance modelling of electrochemically activated glass-like carbon electrode. // <i>Electrochimica acta</i> . <b>117</b> (2014); 310-321	4,504 (2014.)	IK
76.	Marušić, Katarina; Hajdari, Zana; Otmačić Ćurković, Helena. Optimizing the preparation procedure of self-assembled monolayer of stearic acid for protection of cupronickel alloy. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 328-339	0,686 (2014.)	IK
77.	Mastelić Samardžić, Zrinka; Jelčić, Želimir; Zrnčević, Stanka. Kinetics and mass transfer in the hydrogenation of 2-((1-benzyl-1, 2, 3, 6-tetrahydropyridin-4-yl)methylene)-5, 6-dimethoxy-2, 3-dihydroinden-1-one hydrochloride over Pt/C catalyst. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 4; 437-445	0,802 (2014.)	KI
78.	Milovac, Dajana; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: Morphology, mechanical properties and bioactivity. // <i>Materials science and engineering: C, Materials for biological applications</i> . <b>34</b> (2014); 437-445	3,088 (2014.)	IK

79.	Milovac, Dajana; Gamboa-Martínez Tatiana C.; Ivanković, Marica; Gallego Ferrer, Gloria; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: in vitro cell culture studies. // <i>Materials science and engineering: C, Materials for biological applications</i> . <b>42</b> (2014); 264-272	3,088 (2014.)	IK
80.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Fly ash-based geopolymetric adsorbent for copper ion removal from wastewater. // <i>Desalination and water treatment</i> . <b>52</b> (2014); 13/15; 2519-2526	1,173 (2014.)	KI
81.	Ocelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Effect of polymer modifiers on the properties of bitumen. // <i>Journal of elastomers and plastics</i> . <b>46</b> (2014); 5; 448-469	0,773 (2014.)	KI
82.	Ocelić Bulatović, Vesna; Rek, Vesna; Marković, Josipa. Rheological properties of bitumen modified with ethylene butylacrylate glycidylmethacrylate. // <i>Polymer engineering and science</i> . <b>54</b> (2014); 5; 1056-1065	1,520 (2014.)	KI
83.	Palčić, Marina; Milardović, Stjepan; Kereković, Irena; Grabarić, Zorana. Application of nitrilotriacetic acid modified gold electrode for determination of lead in natural waters with differential pulse adsorptive cathodic stripping voltammetry. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7; 3701-3714	1,500 (2014.)	IK
84.	Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Héle`ne; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>European journal of medicinal chemistry</i> . <b>80</b> (2014); 218-227	3,447 (2014.)	IK
85.	Ptiček Siročić, Anita; Rešček, Ana; Hrnjak-Murgić, Zlata. Polyethylene nanocomposites filled with modified nanoparticles. // <i>Polymer-plastics technology and engineering</i> . <b>53</b> (2014); 8; 811-817	1,481 (2012.)	KI
86.	Ptiček Siročić, Anita; Rešček, Ana; Ščetar, Mario; Kratožil Krehula, Ljerka; Hrnjak-Murgić, Zlata. Development of low density polyethylene nanocomposites films for packaging. // <i>Polymer bulletin</i> . <b>71</b> (2014); 3; 705-717	1,438 (2014.)	KI
87.	Pustaj, Gordana; Kapor, Frankica; Kvasnička, Predrag. Inhibition properties and adsorption behavior of olive leaf extract on N80 carbon steel in CO <sub>2</sub> - saturated brine solution. // <i>International journal of materials research</i> . <b>105</b> (2014); 10; 992-998	0,639 (2014.)	IK
88.	Rogina, Anamarija. Electrospinning process: Versatile preparation method for biodegradable and natural polymers and biocomposite systems applied in tissue engineering and drug delivery. // <i>Applied surface science</i> . <b>296</b> (2014); 221-230	2,711 (2014.)	IK
89.	Sander, Aleksandra; Penović, Tomislav. Droplet size distribution obtained by atomization with two-fluid nozzles in a spray dryer. // <i>Chemical engineering &amp; technology</i> . <b>37</b> (2014); 12; 2073-2084	2,442 (2014.)	KI
90.	Samardžić, Mirela; Galović, Olivera; Petrušić, Sanja; Sak-Bosnar, Milan. The analysis of anionic surfactants in effluents using a DDA-TBP potentiometric sensor. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 11; 6166-6181	1,500 (2014.)	IK
91.	Skoko, Božena; Marović, Gordana; Babić, Dinko. Radioactivity in the Mediterranean flora of the Kaštela Bay, Croatia. // <i>Journal of environmental radioactivity</i> . <b>135</b> (2014); 36-43	2,483 (2014.)	IK
92.	Sopčič, Suzana; Mandić, Zoran; Kraljić Roković, Marijana. Some factors influencing power and energy capabilities of RuO <sub>2</sub> supercapacitors. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 2; 272-279	0,686 (2014.)	IK
93.	Steinberg, Matthew D.; Kassal, Petar; Tkalčec, Biserka; Murković Steinberg, Ivana. Miniaturised wireless smart tag for optical chemical analysis applications. // <i>Talanta</i> . <b>118</b> (2014); 375-381	3,545 (2014.)	IK
94.	Stipišić, Angela; Veršić Bratinčević, Maja; Knezović, Zlatka; Sutlović, Davorka. Metal content in medieval skeletal remains from Southern Croatia. // <i>Journal of archaeological science</i> . <b>46</b> (2014); 393-400	2,196 (2014.)	IK
95.	Sudar, Martina; Findrik, Zvezdana; Vuković Domanovac, Marija; Vasić-Rački, Đurđa. Coenzyme regeneration catalyzed by NADH oxidase from <i>Lactococcus lactis</i> . // <i>Biochemical engineering journal</i> . <b>88</b> (2014); 12-18	2,467 (2014.)	KI
96.	Šagud, Ivana; Božić, Simona; Marinić, Željko; Šindler-Kulyk, Marija. Photochemical approach to functionalized benzobicyclo[3.2.1]octene structures via fused oxazoline derivatives from 4- and 5-(o-vinylstyryl)oxazoles. // <i>Beilstein journal of organic chemistry</i> . <b>10</b> (2014); 2222-2229	2,757 (2014.)	IK

97.	Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna; Mazzucato, Ugo. Photoisomerization and photocyclization of 5-styryloxazole. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 4; 327-333	0,728 (2014.)	IK
98.	Šalić, Anita; Zelić, Bruno. ADH catalysed hexanol oxidation with fully integrated NADH regeneration performed in microreactors connected in series. // <i>RSC Advances</i> . <b>4</b> (2014); 41714-41721	3,840 (2014.)	KI
99.	Šoštarčić, Igor; Nežić, Igor; Jović, Franjo; Marčević, Eugen; Meštrović, Ernest; Zrnčević, Stanka. Modeling-based development of an enantioselective hydrogenation reaction of a sitagliptine intermediate. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 1; 1-11	0,802 (2014.)	KI
100.	Tusić, Marko; Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa. Operational stability of glucoamylase in continuously operated ultrafiltration membrane reactor – experimental methods and mathematical model. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 4; 473-480	0,802 (2014.)	KI
101.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography—Part I: Conventional QSRR approach. // <i>Chromatographia</i> . <b>77</b> (2014); 985-996	1,411 (2014.)	IK
102.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part II: Artificial intelligence QSRR approach. // <i>Chromatographia</i> . <b>77</b> (2014); 997-1007	1,411 (2014.)	IK
103.	Vladislavić, Nives; Brinić, Slobodan; Grubač, Zoran; Buzuk, Marijo. Study of bismuth film formation on different carbon based electrodes for possible applicability in electroanalytical determination of cysteine. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 11; 6020-6032	1,500 (2014.)	IK
104.	Zrnčić, Mirta; Gros, Meritxell; Babić, Sandra; Kaštelan-Macan, Marija; Barcelo, Damia; Petrović Mira. Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. // <i>Chemosphere</i> . <b>99</b> (2014); 224-232	3,340 (2014.)	IK
105.	Žegarac, Miroslav; Lekšić, Edislav; Šket, Primož; Plavec, Janez; Devčić Bogdanović, Maja; Bučar, Dejan-Krešimir; Dumić, Miljenko; Meštrović, Ernest. A sildenafil cocrystal based on acetylsalicylic acid exhibits an enhanced intrinsic dissolution rate. // <i>Crystal engineering communication</i> . <b>16</b> (2014); 32-35	4,034 (2014.)	IK
106.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena. Photolytic and thin TiO <sub>2</sub> film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . <b>22</b> (2015); 15; 11372-11386	2,760 (2015.)	IK
107.	Baković, Marija; Nestić, Marina; Mayer, Davor. Death by band-aid: fatal misuse of transdermal fentanyl patch. // <i>International journal of legal medicine</i> . <b>129</b> (2015); 1247-1252	2,862 (2015.)	IK
108.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica. Determination of macro and microelements in cow, goat and human milk using inductively coupled plasma optical emission spectrometry. // <i>Spectroscopy letters</i> . <b>48</b> (2015) , 9; 677-684	0,885 (2015.)	IK
109.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Macro- and microelement content differences between milk and yoghurt. // <i>Archives of biological sciences</i> . <b>67</b> (2015) , 4; 1391-1397	0,367 (2015.)	IK
110.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Vrbić, Antonija. Content of macro- and microelements and evaluation of the intake of different dairy products consumed in Croatia. // <i>Journal of food composition and analysis</i> . <b>40</b> (2015) ; 143-147	2,780 (2015.)	IK
111.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Šimić, Branimir. Concentration of mercury and selenium concentrations in the tissues of five cetacean species from Croatian coastal waters. // <i>Archives of biological sciences</i> . <b>67</b> (2015) , 4; 1377-1389	0,367 (2015.)	IK
112.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Tanković, Sanin; Potočnjak, Dalibor; Cvetnić, Željko. Monitoring of aflatoxin M1 in raw milk during four seasons in Croatia. // <i>Food control</i> . <b>54</b> (2015) ; 331-337	3,388 (2015.)	IK
113.	Bituh, Tomislav; Petrincec, Branko; Skoko, Božena; Vučić, Zlatko; Marović, Gordana. Measuring and modelling the radiological impact of a phosphogypsum deposition site on the surrounding environment. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>66</b> (2015); 31-40	0,971 (2015.)	IK

114.	Blažek Bregović, Vesna; Basarić, Nikola; Mlinarić-Majerski, Kata. Anion binding with urea and thiourea derivatives. // <i>Coordination chemistry reviews</i> . <b>295</b> (2015); 80-124	12,994 (2015.)	IK
115.	Blažek Bregović, Vesna; Halasz, Ivan; Basarić, Nikola; Mlinarić-Majerski, Kata. Anthracene adamantylbisurea receptors: switching of anion binding by photocyclization. // <i>Tetrahedron</i> . <b>71</b> (2015); 9321-9327	2,645 (2015.)	IK
116.	Budžaki, Sandra; Šalić, Anita; Zelić, Bruno; Tišma, Marina. Enzyme catalyzed biodiesel production from edible and waste cooking oil. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 329-333	0,675 (2015.)	KI
117.	Faraguna, Fabio; Siuc, Valentina; Vidović, Elvira; Jukić, Ante. Reactivity ratios and properties of copolymers of 2-ethoxyethyl methacrylate with dodecyl methacrylate or styrene. // <i>Journal of polymer research</i> . <b>22:Article 245</b> (2015); 1-11	1,969 (2015.)	IK
118.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Reactivity ratios and copolymer properties of 2-(diisopropylamino)ethyl methacrylate with methyl methacrylate and styrene. // <i>Polymer international</i> . <b>64</b> (2015); 1497-1504	2,414 (2015.)	IK
119.	Foglar, Lucija; Papić, Sanja; Margeta, Dunja; Sertić-Bionda, Katica. The use of different reactor systems for biological treatment of petroleum refinery wastewaters. // <i>Fresenius environmental bulletin</i> . <b>24</b> (2015); 11 a; 3695-3702	0,372 (2015.)	KI
120.	Galović, Olivera; Samardžić, Mirela; Sak-Bosnar, Milan. A new microsensor for the determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 5176-5193	1,692 (2015.)	IK
121.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. Application of a new potentiometric sensor for determination of anionic surfactants in wastewater. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 307-313	0,675 (2015.)	IK
122.	Govorčin Bajsić, Emi; Ocelić Bulatović, Vesna; Rek, Vesna. The influence of filler treatment on the properties of TPU/PP blends: I. Thermal properties and stability. // <i>Polymer engineering and science</i> . <b>55</b> (2015); 8; 1920-1930	1,719 (2015.)	KI
123.	Jakovljević, Ivana; Pehnc, Gordana; Vadić, Vladimira; Šišović, Anica; Davila, Silvije; Bešlić, Ivan. Carcinogenic activity of polycyclic aromatic hydrocarbons bounded on particle fraction. // <i>Environmental science and pollution research international</i> . <b>22</b> (2015) , 20; 15931-15940	2,760 (2015.)	IK
124.	Jakovljević, Tamara; Radojčić Redovniković, Ivana; Cvjetko Bubalo, Marina; Bukovac, Ivana; Sedak, Marija; Đokić, Maja; Bilandžić, Nina. Potencijal jablana ( <i>Populus nigra</i> var. <i>italica</i> ) u fitoremedijaciji kadmija. // <i>Šumarski list : znanstveno-stručno i staleško glasilo Hrvatskoga šumarskog društva</i> . <b>5-6</b> (2015) ; 223-232	0,235 (2015.)	IK
125.	Jozanović, Marija; Sakač, Nikola; Jakobović, Danijela; Sak-Bosnar, Milan. Analytical characterization and quantification of histidine dipeptides, carnosine and anserine by modeling of potentiometric titration data. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 5787-5799	1,692 (2015.)	IK
126.	Jozanović, Marija; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Voltammetric characterization and determination of histidine dipeptides - carnosine and anserine. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 8; 6548-6557	1,692 (2015.)	IK
127.	Kassal, Petar; Kim, Jayoung; Kumar, Rajan; de Araujo, William Reis; Steinberg, Ivana; Steinberg, Matthew; Wang, Joseph. Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. // <i>Electrochemistry communications</i> . <b>56</b> (2015); 6-10	4,569 (2015.)	IK
128.	Kerolli-Mustafa, Mihone; Ćurković, Lidija; Fajković, Hana; Rončević, Sanda. Ecological risk assessment of jarosite waste disposal. // <i>Croatica chemica acta</i> . <b>88</b> (2015); 2; 189-196	0,732 (2015.)	IK
129.	Kerolli-Mustafa, Mihone; Fajković, Hana; Rončević, Sanda; Ćurković, Lidija. Assessment of metals risks from different depths of jarosite tailing waste of Trepča Zinc Industry, Kosovo based on BCR procedure. // <i>Journal of geochemical exploration</i> . <b>148</b> (2015); 161-168	2,147 (2015.)	IK
130.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO <sub>2</sub> /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>309</b> (2015); 22-29	2,477 (2015.)	KI
131.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance approach to activity of hydrogen evolution reaction on spatially heterogeneous GC electrode surfaces: metal free vs. Ru catalysed case. // <i>Electrochimica acta</i> . <b>167</b> (2015); 455-469	4,803 (2015.)	IK

132.	Meščić, Andrijana; Harej, Anja; Klobučar, Marko; Glavač, Danijel; Cetina, Mario; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Discovery of new acid ceramidase-targeted acyclic 5-alkynyl and 5-heteroaryl uracil nucleosides. // <i>ACS Medicinal chemistry letters</i> . <b>6</b> (2015); 11; 1150-1155	3,355 (2015.)	IK
133.	Milić, Mirta; Leitinger, Gerd; Pavičić, Ivan; Zebić Avdičević, Maja; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Cellular uptake and toxicity effects of silver nanoparticles in mammalian kidney cells. // <i>Journal of applied toxicology</i> . <b>35</b> (2015) , 6; 581-592	2,722 (2015.)	IK
134.	Palaić, Nikolina; Sertić-Bionda, Katica; Margeta, Dunja; Podolski, Štefica. Oxidative desulphurization of diesel fuels. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 323-327	0,675 (2015.)	KI
135.	Panjičko, Mario; Zupančič, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . <b>62</b> (2015); 4; 818-827	1,167 (2015.)	KI
136.	Raić-Malić, Silvana; Meščić, Andrijana. Recent trends in 1, 2, 3-triazolo-nucleosides as promising anti-infective and anticancer agents. // <i>Current medicinal chemistry</i> . <b>22</b> (2015); 1462-1499	3,455 (2015.)	IK
137.	Rešček, Ana; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Active bilayer PE/PCL films for food packaging modified with zinc oxide and casein. // <i>Croatica chemica acta</i> . <b>88</b> (2015);4; 461-473	0,732 (2015.)	KI
138.	Ristić, Mira; Opačak, Ivana; Štajdohar, Jasenka; Musić, Svetozar. The influence of CTAB and gum arabic on the precipitation of a-FeOOH in a highly alkaline medium. // <i>Journal of molecular structure</i> . <b>1090</b> (2015); 129-137	1,780 (2015.)	IK
139.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Effect of in situ formed hydroxyapatite on microstructure of freeze-gelled chitosan-based biocomposite scaffolds. // <i>European polymer journal</i> . <b>68</b> (2015); 278-287	3,485 (2015.)	IK
140.	Salihović, Mirsada; Osmanović, Amar; Špirtović-Halilović, Selma; Roca, Sunčica; Meščić, Andrijana; Vujisić, Ljubodrag; Trifunović, Snežana; Završnik, Davorka; Sofić, Emin Synthesis, structural, conformational and DFT studies of N-3 and O-4 alkylated regioisomers of 5-(hydroxypropyl)pyrimidine. // <i>Journal of molecular structure</i> . <b>1091</b> (2015); 170-176	1,780 (2015.)	IK
141.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . <b>143</b> (2015); 178-183	4,035 (2015.)	IK
142.	Stipković Babić, Maja; Makuc, Damjan; Plavec, Janez; Martinović, Tamara; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Snoeck, Robert; Andrei, Graciela; Schols, Dominique; Wittine, Karlo; Mintas, Mladen. Novel halogenated 3-deazapurine, 7-deazapurine and alkylated 9-deazapurine derivatives of L-ascorbic or imino-L-ascorbic acid: Synthesis, antitumour and antiviral activity evaluations. // <i>European journal of medicinal chemistry</i> . <b>102</b> (2015); 288-302	3,902 (2015.)	IK
143.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Soler, Anna; Clapes, Pere. A new concept for production of (3S, 4R)-6- [(benzyloxycarbonyl)amino]-5, 6-dideoxyhex-2-ulose, a precursor of D-fagomine. // <i>RSC advances</i> . <b>5</b> (2015); 69819-69828	3,289 (2015.)	KI
144.	Šagud, Ivana; Antol, Ivana; Marinić, Željko; Šindler-Kulyk, Marija. Photoinduced intramolecular formal [4 + 2] cycloaddition of aryl-substituted o-vinylstyryl-2-oxazoles to form benzo[f]quinoline derivatives: experimental results and theoretical interpretation. // <i>Journal of organic chemistry</i> . <b>80</b> (2015); 9535-9541	4,785 (2015.)	IK
145.	Šmidt, Marina; Kušić, Hrvoje Juretić, Daria; Novak Stankov, Mirjana; Ukić, Šime; Bolanča, Tomislav; Rogošić, Marko; Lončarić Božić, Ana. Modeling photooxidative degradation of aromatics in water; optimization study using response surface and structural-relationship approaches. // <i>Industrial &amp; engineering chemistry research</i> . <b>54</b> (2015); 20; 5427-5441	2,567 (2015.)	IK
146.	Ukić, Šime; Novak, Mirjana; Krilić, Anamarija; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part III: Fuzzy logic QSRR approach. // <i>Chromatographia</i> . <b>78</b> (2015); 889-898	1,332 (2015.)	IK
147.	Velić, Natalija; Galović, Olivera; Sak-Bosnar, Milan; Rezić, Tonči; Šantek, Božidar; Stanić, Ana. Optimization of ISEs for simultaneous NH <sub>4</sub> <sup>+</sup> , NO <sub>3</sub> <sup>-</sup> and NO <sub>2</sub> <sup>-</sup> monitoring in synthetic wastewater using Solver. // <i>Environmental engineering and management journal</i> . <b>14</b> (2015); 3; 681-688	1,008 (2015.)	IK

148.	Zrnčić, Mirta; Babić, Sandra; Mutavdžić Pavlović, Dragana. Determination of thermodynamic pKa values of pharmaceuticals from five different groups using capillary electrophoresis. // <i>Journal of separation science</i> . <b>38</b> (2015); 1232-1239	2,741 (2015.)	IK
149.	Bilandžić, Nina; Đokić, Maja; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav. Copper levels in tissues of dolphins <i>Tursiops truncatus</i> , <i>Stenella coeruleoalba</i> and <i>Grampus griseus</i> from the Croatian Adriatic coast. // <i>Bulletin of environmental contamination and toxicology</i> . <b>97</b> (2016) , 3; 367-373	1,412 (2016.)	IK
150.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Đokić, Maja; Kmetič, Ivana; Murati, Teuta. Lead concentrations in raw cow and goat milk collected in rural areas of Croatia from 2010 to 2014. // <i>Bulletin of environmental contamination and toxicology</i> . <b>96</b> (2016) ; 645-649	1,412 (2016.)	IK
151.	Botti, Valentina; Elisei, Fausto; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Effect of the positional isomerism on the photoreactivity of styryloxazoles. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>316</b> (2016); 95-103	2,625 (2016.)	IK
152.	Botti, Valentina; Elisei, Fausto; Faraguna, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, π* states on the photoreactivity of 5-[2-(pyridin-yl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>329</b> (2016); 262-272	2,625 (2016.)	IK
153.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016);11; 3053-3059	2,316 (2016.)	IK
154.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal</i> . <b>84</b> (2016); 218-235	3,531 (2016.)	IK
155.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production</i> . <b>112</b> (2016); 1106-1111	5,715 (2016.)	KI
156.	Galović, Olivera; Samardžić, Mirela; Hajduković, Mateja; Sak-Bosnar, Milan. A new graphene-based surfactant sensor for the determination of anionic surfactants in real samples. // <i>Sensors and actuators. B, Chemical</i> . <b>236</b> (2016); 257-267	5,401 (2016.)	IK
157.	Generalić Mekinić, Ivana; Blažević, Ivica; Mudnić, Ivana; Burčul, Franko; Grga, Mia; Skroza, Danijela; Jerčić, Iva; Ljubenković, Ivica; Boban, Mladen; Miloš, Mladen; Katalinić, Višnja. Sea fennel ( <i>Crithmum maritimum</i> L.) : phytochemical profile, antioxidative, cholinesterase inhibitory and vasodilatory activity. // <i>Journal of food science and technology</i> . <b>53</b> (2016); 7; 3104-3112	1,262 (2016.)	IK
158.	Godec, Ranka; Jakovljević, Ivana; Šega, Krešimir; Čačković, Mirjana; Bešlić, Ivan; Davila, Silvije; Pehnc, Gordana. Carbon species in PM10 particle fraction at different monitoring sites. // <i>Environmental pollution</i> . <b>216</b> (2016) ; 700-710	5,099 (2016.)	IK
159.	Hajdari, Zana; Otmačić Ćurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C145-C155	3,259 (2016.)	IK
160.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Ćurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 14; C937-C944	3,259 (2016.)	IK
161.	Hrenović, Jasna; Goić-Barišić, Ivana; Kazazić, Snježana; Kovačić, Ana; Ganjto, Marin; Tonkić, Marija. Carbapenem-resistant isolates of <i>Acinetobacter baumannii</i> in a municipal wastewater treatment plant, Croatia, 2014. // <i>Eurosurveillance</i> . <b>21</b> (2016) , 15; 21-30, Article number: 30195	7,202 (2016.)	IK
162.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO <sub>2</sub> nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 7660-7673	1,469 (2016.)	IK
163.	Jakovljević, Ivana; Pehnc, Gordana; Šišović, Anica; Vadić, Vladimira; Davila, Silvije; Godec, Ranka. Concentrations of PAHs and other gaseous pollutants in the atmosphere of a rural area. // <i>Journal of environmental science and health. Part A, Toxic/hazardous substances &amp; environmental engineering</i> . <b>51</b> (2016) ; 707-713	1,425 (2016.)	IK

164.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Ćurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . <b>123</b> (2016); 1; 421-430	1,953 (2016.)	IK
165.	Kerolli-Mustafa, Mihone; Ćurković, Lidija. Analysing the characteristics and application potentials of jarosite waste in Kosovo. // <i>Global NEST Journal</i> . <b>18</b> (2016); 1; 89-97	0,665 (2016.)	IK
166.	Kosor, Tihomir; Nakić-Alfirević, Barbara; Gajović, Andreja. Geopolymerization index of fly ash geopolymers. // <i>Vibrational spectroscopy</i> . <b>85</b> (2016); 104-111	1,740 (2016.)	IK
167.	Kosor, Tihomir; Nakić-Alfirević, Barbara; Svilović, Sandra. Geopolymer depolymerization index. // <i>Vibrational spectroscopy</i> . <b>86</b> (2016); 143-148	1,740 (2016.)	IK
168.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . <b>124</b> (2016); 2; 645-655	1,953 (2016.)	IK
169.	Margeta, Dunja; Grčić, Ivana; Papić, Sanja; Sertić-Bionda, Katica; Foglar, Lucija. Impact of ultrasound application on oxidative desulfurization of diesel fuel and on treatment of resulting wastewater. // <i>Environmental technology</i> . <b>37</b> (2016); 3, 1; 293-299	1,751 (2016.)	KI
170.	Margeta, Dunja; Sertić-Bionda, Katica; Foglar, Lucija. Ultrasound assisted oxidative desulfurization of model diesel fuel. // <i>Applied acoustics</i> . <b>103</b> (2016); 202-206	1,921 (2016.)	KI
171.	Margeta, Dunja; Ujević Andrijić, Željka; Sertić-Bionda, Katica. Prediction of dibenzothiophene conversion in the ultrasound assisted oxidative desulfurization process by regression model and neural network. // <i>Petroleum science and technology</i> . <b>34</b> (2016); 21; 1797-1802	0,655 (2016.)	KI
172.	Mladineo, Ivona; Popović, Marijana; Drmić-Hofman, Irena; Vedra, Poljak. A case report of Anisakis pegreffii (Nematoda, Anisakidae) identified from archival paraffin sections of a Croatian patient. // <i>Bmc infectious diseases</i> . <b>16</b> (2016); 42 Article Number: 42	2,768 (2016.)	IK
173.	Mužek, Mario Nikola; Svilović, Sandra; Ugrina, Marin; Zelić, Jelica. Removal of copper and cobalt ions by fly ash-based geopolymer from solutions-equilibrium study. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 23; 10689-10699	1,631 (2016.)	KI
174.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Kinetic studies of cobalt ion removal from aqueous solutions using fly ash-based geopolymer and zeolite NaX as sorbents. // <i>Separation science and technology</i> . <b>51</b> (2016); 18; 2868-2875	1,106 (2016.)	KI
175.	Pehnc, Gordana; Jakovljević, Ivana; Šišović, Anica; Bešlić, Ivan; Vadić, Vladimira. Influence of ozone and meteorological parameters on levels of polycyclic aromatic hydrocarbons in the air. // <i>Atmospheric environment</i> . <b>131</b> (2016); 263-268	3,629 (2016.)	IK
176.	Pustaj, Gordana; Kapor, Frankica; Veinović, Želimir. Olive leaf extract as a corrosion inhibitor of carbon steel in CO <sub>2</sub> -saturated chloride-carbonate solution. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 9; 7811-7829	1,469 (2016.)	IK
177.	Rešček, Ana; Šćetar, Mario; Hrnjak-Murgić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . <b>55</b> (2016); 14; 1450-1459	1,232 (2016.)	IK, KI
178.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . <b>98</b> (2016); 172-181	3,684 (2016.)	IK
179.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> <b>44</b> (2016); 4; 1107-1119	3,221 (2016.)	IK
180.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . <b>28</b> (2016); 6; 1149-1169	2,851 (2016.)	IK
181.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . <b>6</b> (2016); 27-32	1,768 (2016.)	KI



182.	Varenina, Ivana; Bilandžić, Nina; Solomun Kolanović, Božica; Božić, Đurđica; Sedak, Marija; Đokić, Maja; Varga, Ines. Validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous determination of sulfonamides, trimethoprim and dapsone in muscle, egg, milk and honey. // <i>Food additives and contaminants Part A-Chemistry analysis control exposure &amp; risk assessment</i> . <b>33</b> (2016) , 4; 656-667	2,047 (2016.)	IK
183.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . <b>510</b> (2016); 169-175	2,714 (2016.)	IK
184.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . <b>234</b> (2017) ; 245-253	4,529 (2016.)	IK
185.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . <b>234</b> (2017) ; 245-253	4,529 (2016.)	IK
186.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN : case study-Croatia (EU). // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 19; 16172-16185	2,741 (2016.)	IK
187.	Čurković, Lidija; Jukić, Mirela; Šokčević, Zrinka; Majić Renjo, Marijana. Woody biomass fly ash as a low-cost sorbent for the removal of ionic dye from aqueous solution: Isotherm, kinetic modelling and thermodynamics. // <i>Desalination and water treatment</i> . <b>89</b> (2017) ; 171-180	1,631 (2016.)	IK
188.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 375-383	0,923 (2016.)	IK
189.	Hajduković, Mateja; Samardžić, Mirela; Galović, Olivera; Sečenji, Aleksandar; Sak-Bosnar, Milan. A functionalized nanomaterial based, new, solid state cationic-surfactant-selective sensor with fast response and low noise. // <i>Sensors and actuators. B, Chemical</i> . <b>251</b> (2017) ; 795-803	5,401 (2016.)	KIP , IK
190.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . <b>71</b> (2017) ; 13-20	1,258 (2016.)	IK, KI
191.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . <b>142</b> (2017) ; 108-115	3,473 (2016.)	IK
192.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . <b>178</b> (2017) ; 225-233	2,536 (2016.)	IK
193.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1, 2-a]quinolines: Synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 1; 358-371	3,269 (2016.)	IK
194.	Hrenović, Jasna; Ganjto, Marin; Goić-Barišić, Ivana. Carbapenem-resistant bacteria in a secondary wastewater treatment plant. // <i>Water SA</i> . <b>43</b> (2017) , 2; 186-191	0,958 (2016.)	IK
195.	Hrenović, Jasna; Ivanković, Tomislav; Iveković, Damir; Repec, Siniša; Stipaničev, Draženka; Ganjto, Marin. The fate of carbapenem-resistant bacteria in a wastewater treatment plant. // <i>Water research</i> . <b>26</b> (2017) , 1; 232-239	6,942 (2016.)	IK
196.	Jakovljević, Suzana; Alar, Vesna; Ivanković, Antonio. Electrochemical behaviour of PACVD TiN-coated CoCrMo medical alloy. // <i>Metals</i> . <b>7</b> (2017) , 7; 231-1-231-14	1,984 (2016.)	IK
197.	Jukić, Mirela; Čurković, Lidija; Šabarić, Jasenka; Kerolli-Mustafa, Mihone. Fractionation of heavy metals in fly ash from wood biomass using the BCR sequential extraction procedure. // <i>Bulletin of environmental contamination and toxicology</i> . <b>99</b> (2017) , 4; 524-529	1,412 (2016.)	IK

198.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . <b>196</b> (2017) ; 194-204	2,084 (2016.)	IK
199.	Matana, Antonela; Torlak, Vesela; Brdar, Dubravka; Popović, Marijana; Lozić, Bernarda; Barbalić, Maja; Boraska Perica, Vesna; Punda, Ante; Polašek, Ozren; Hayward, Caroline; Zemunik, Tatijana. Dietary factors associated with plasma thyroid peroxidase and thyroglobulin antibodies. // <i>Nutrients</i> . <b>9</b> (2017) , 11; 1186-1-1186-8	3,550 (2016.)	IK
200.	Meštrović, Jakov; Pogorelić, Zenon; Drmić-Hofman, Irena; Vilović, Katarina; Todorčić, Davor; Popović, Marijana. Protective effect of urapidil on testicular torsion-detorsion injury in rats. // <i>Surgery today</i> . <b>47</b> (2017) , 3; 393-398	1,745 (2016.)	IK
201.	Panjičko, Mario; Zupančič, Gregor Drago; Fanel, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . <b>166</b> (2017) ; 519-529	5,715 (2016.)	KI
202.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Ćurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science</i> . <b>52</b> (2017) , 5; 2591-2604	2,599 (2016.)	IK
203.	Vidmar, Beti; Marinšek-Logar, Romana; Panjičko Mario; Fanel, Lijana. Influence of thermal and bacterial pretreatment of microalgae on biogas production in mesophilic and thermophilic conditions. // <i>Acta chimica Slovenica</i> . <b>64</b> (2017) , 1; 227-236	0,983 (2016.)	KI
204.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . <b>38</b> (2017) , 1; 65-77	1,751 (2016.)	IK
205.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . <b>55</b> (2017) , 2; 187-196	0,891 (2016.)	KI

**Tablica 2.4.3.** Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Babić, Sandra; Periša, Martina; Škorić, Irena. Photolytic degradation of norfloxacin, enrofloxacin and ciprofloxacin in various aqueous media. // <i>Chemosphere</i> . <b>91</b> (2013); 11; 1635-1642	3,499 (2013.)	IK
2.	Blažević, Ivica; Burčul, Franko; Ruščić, Mirko; Mastelić, Josip. Glucosinolates, volatile constituents, and acetylcholinesterase inhibitory activity of <i>Alyssoides utriculata</i> . // <i>Chemistry of natural compounds</i> . <b>49</b> (2013); 2; 374-378	0,500 (2013.)	IK
3.	Bošković, Perica; Sokol, Vesna; Tomaš, Renato; Prkić, Ante. Conductometric study of potassium chloride in ethanol - water mixtures. // <i>International journal of electrochemical science</i> . <b>8</b> (2013); 9; 10961-10975	1,956 (2013.)	IK
4.	Brkljača, Mia; Giljanović, Josipa; Prkić, Ante. Determination of metals in olive oil by electrothermal atomic absorption spectrometry : validation and uncertainty measurements. // <i>Analytical letters</i> . <b>46</b> (2013); 18; 2912-2926	1,019 (2013.)	IK
5.	Dolar, Davor; Periša, Martina; Košutić, Krešimir; Babić, Sandra. NF/RO removal of enrofloxacin and its photodegradation products from water. // <i>Desalination and Water Treatment</i> . <b>51</b> (2013); 1/3; 469-475	0,987 (2013.)	IK
6.	Dolar, Davor; Košutić, Krešimir; Periša, Martina; Babić, Sandra. Photolysis of enrofloxacin and removal of its photodegradation products from water by reverse osmosis and nanofiltration membranes. // <i>Separation and purification technology</i> . <b>115</b> (2013); 1-8	3,065 (2013.)	IK
7.	Grdiša, Martina; Babić, Sandra; Periša, Martina; Carović-Stanko, Klaudija; Kolak, Ivan; Liber, Zlatko; Jug-Dujaković, Marija; Šatović, Zlatko. Chemical diversity of the natural populations of Dalmatian pyrethrum ( <i>Tanacetum cinerariifolium</i> /Trevir. /Sch. Bip.) in Croatia. // <i>Chemistry &amp; biodiversity</i> . <b>10</b> (2013); 3; 460-472	1,795 (2013.)	IK
8.	Periša, Martina; Babić, Sandra; Škorić, Irena; Frömel, Tobias; Knepper, Thomas P. Photodegradation of sulfonamides and their N4- acetylated metabolites in water by simulated sunlight irradiation: Kinetics and identification of photoproducts. // <i>Environmental science and pollution research international</i> . <b>20</b> (2013); 12; 8934-8946	2,757 (2013.)	IK
9.	Politeo, Olivera; Skočibušić, Mirjana; Burčul, Franko; Maravić, Ana; Carev, Ivana; Ruščić, Mirko; Miloš, Mladen. <i>Campanula portenschlagiana</i> Roem. et Schult. : Chemical and Antimicrobial Activities. // <i>Chemistry &amp; biodiversity</i> . <b>10</b> (2013); 6; 1072-1080	1,795 (2013.)	IK
10.	Prkić, Ante; Giljanović, Josipa; Petričević, Sandra; Brkljača, Mia; Bralić, Marija. Determination of cadmium, chromium, copper, iron, lead, magnesium, manganese, potassium and zinc in mint tea leaves by electrothermal atomizer atomic absorption spectrometry in samples purchased at local supermarkets and marketplaces. // <i>Analytical letters</i> . <b>46</b> (2013); 2; 367-378	1,019 (2013.)	IK
11.	Prkić, Ante; Sokol, Vesna; Bošković, Perica. Conductometric study of cesium bromide in aqueous butan-2-ol of lower mass fraction. // <i>International journal of electrochemical science</i> . <b>8</b> (2013); 4; 4886-4900	1,956 (2013.)	IK
12.	Ukrainczyk, Neven; Rogina, Anamarija. Styrene-butadiene latex modified calcium aluminate cement mortar. // <i>Cement &amp; concrete composites</i> . <b>41</b> (2013); 16-23	2,760 (2013.)	IK
13.	Bošković, Perica; Sokol, Vesna; Prkić, Ante; Giljanović, Josipa. Conductometric study of sodium chloride in aqueous 2- methylpropan-2-ol of mass fraction 0.10, 0.30, 0.50, 0.70, 0.80 and 0.90. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7; 3574-3587	1,500 (2014.)	IK
14.	Jurić, Antonija; Prkić, Ante; Giljanović, Josipa; Brkljača, Mia; Sokol, Vesna; Bošković, Perica; Vukušić, Tina. Determination of total fluoride content in teas by using fluoride ion-selective electrode. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 10; 5409-5415	1,500 (2014.)	IK
15.	Katančić, Zvonimir; Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Grozdanić, Vedrana; Hrnjak-Murgić, Zlata. Effect of modified nanofillers on fire retarded HDPE/Wood composites. // <i>Journal of composite materials</i> . <b>48</b> (2014); 30; 3771-3783	1,173 (2014.)	KI
16.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata. Flammability and thermal properties of zeolite filled high-impact polystyrene composites. // <i>Polymer-plastics technology and engineering</i> . <b>53</b> (2014); 14; 1487-1493	1,481 (2012.)	KI

17.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murđić, Zlata; Jelenčić, Jasenka. Thermal decomposition of fire-retarded high-impact polystyrene and high-impact polystyrene/ethylene-vinyl acetate blend nanocomposites followed by thermal analysis. // <i>Journal of elastomers and plastics</i> . <b>46</b> (2014); 3; 233-252	0,773 (2014.)	KI
18.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Ptiček Siročić, Anita; Hrnjak-Murđić, Zlata. Weathering of high density polyethylene-wood plastic composites. // <i>Journal of wood chemistry and technology</i> . <b>34</b> (2014); 1; 39-54	1,588 (2014.)	KI
19.	Periša, Martina; Babić, Sandra. Simultaneous determination of pharmaceuticals and some of their metabolites in wastewaters by high performance liquid chromatography-tandem mass spectrometry. // <i>Journal of separation science</i> . <b>37</b> (2014.); 1289-1296	2,737 (2014.)	IK
20.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murđić, Zlata. Kinetic analysis of thermal and thermo-oxidative degradation of polyethylene (nano)composites. // <i>Composite interfaces</i> . <b>21</b> (2014); 3; 179-189	0,726 (2014.)	KI
21.	Sutlović, Davorka; Ščepanović, Antonija; Bošnjak, Marinko; Veršić-Bratinčević, Maja; Definis-Gojanović, Marija. The role of alcohol in road traffic accidents with fatal outcome : ten-year period in Croatia Split-Dalmatia County. // <i>Traffic injury prevention</i> . <b>15</b> (2014); 3; 222-227	1,413 (2014.)	IK
22.	Basarić, Nikola; Thomas, S. Suma; Blažek Bregović, Vesna; Cindro, Nikola; Bohne, Cornelia. Phototautomerization in pyrrolylphenylpyridine terphenyl systems. // <i>Journal of organic chemistry</i> . <b>80</b> (2015); 9; 4430-4442	4,721 (2014.)	IK
23.	Ferati, Flora; Kerolli-Mustafa, Mihone; Kraja-Ylli, Arjana. Assessment of heavy metal contamination in water and sediments of Trepca and Sitnica rivers, Kosovo, using pollution indicators and multivariate cluster analysis. // <i>Environmental monitoring and assessment</i> . <b>187</b> (2015); 6, Article Number: 338	1,679 (2014.)	IK
24.	Kerolli-Mustafa, Mihone; Lajqi-Makolli, V.; Berisha-Shala, S.; Latifie, L.; Malollari, I.; Morina, I. Biomass and biofuel overview. A global sustainability challenge. // <i>Journal of environmental protection and ecology</i> . <b>16</b> (2015); 1; 222-232	0,838 (2014.)	IK
25.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Marić, Gojko; Hrnjak-Murđić, Zlata. Study of fire retardancy, thermal and mechanical properties of HDPE-wood composites. // <i>Journal of wood chemistry and technology</i> . <b>35</b> (2015); 6; 412-423	1,588 (2014.)	KI
26.	Lajqi-Makolli, V.; Kerolli-Mustafa, Mihone; Malollari, I.; Lajqi, J. Migration of di-(2-ethylhexyl)adipate (DEHA) and acetyl tributyl citrate (ATBC) plasticizers from PVC film into the food stimulant of isooctane. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>46</b> (2015); 1; 16-23	0,425 (2014.)	IK
27.	Selmani, Atiđa; Coha, Ivana; Magdić, Katja; Čolović, Božana; Jakanović, Vukoman; Šegota, Suzana; Gajović, Srećko; Gajović, Andreja; Jurašin, Darija; Dutour Sikirić, Maja. Multiscale study of the cationic surfactants influence on amorphous calcium phosphate precipitation. // <i>Crystal engineering communication</i> . <b>17</b> (2015); 8529-8548	4,034 (2014.)	IK
28.	Vukušić, Tina; Prkić, Ante; Giljanović, Josipa; Sokol, Vesna; Bošković, Perica. Direct potentiometric determination of penicillamine in real samples by using copper ISE. // <i>Croatica chemica acta</i> . <b>88</b> (2015); 3; 255-258	0,728 (2014.)	IK
29.	Baković, Marija; Nestić, Marina; Mayer, Davor. Suicidal chemistry: combined intoxication with carbon monoxide and formic acid. // <i>International journal of legal medicine</i> . <b>130</b> (2016); 723-729	2,382 (2016.)	IK
30.	Bošković, Perica; Sokol, Vesna; Touraud, Didier; Prkić, Ante; Giljanović, Josipa. The nanostructure studies of surfactant-free- microemulsions in fragrance tinctures. // <i>Acta chimica Slovenica</i> . <b>63</b> (2016); 1; 138-143	0,983 (2016.)	IK
31.	Coha, Ivana; Neufuss, Soběslav; Grahek, Željko; Mojmír; Nodilo, Marijana; John, Jan. The effect of counting conditions on pure beta emitter determination by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . <b>310</b> (2016); 891-903	1,282 (2016.)	IK
32.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- $\alpha$ ]quinolines for Candida spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology</i> . <b>163</b> (2016); 319-326	2,673 (2016.)	IK
33.	Gudić, Senka; Vrsalović, Ladislav; Kliškić, Maja; Jerković, Igor; Radonić, Ani; Zekić, Marina. Corrosion inhibition of AA 5052 aluminium alloy in 0.5 M NaCl solution by different types of honey. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 2; 998-1011	1,469 (2016.)	IK
34.	Jakić, Miće; Stipanelov Vrandečić, Nataša; Ocelić Bulatović, Vesna; Govorčin Bajsić, Emi. Miscibility of poly(vinyl chloride) with poly(ethylene oxide) of different molecular weights. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 61-71	0,923 (2016.)	KI

35.	Jelčić, Želimir; Očelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Relationship between fractal, viscoelastic and aging properties of linear and radial styrene-butadiene-styrene polymer-modified bitumen. // <i>Journal of elastomers and plastics</i> . <b>48</b> (2016); 1; 14-46	0,787 (2016.)	KI
36.	Jelčić, Želimir; Mastelić Samardžić, Zrinka; Zrnčević, Stanka. Catalytic hydrogenation of 2-(1-Benzyl-1,2,3,6-tetrahydropyridin-4-yl)methylene)-5,6-dimethoxy-2,3-dihydroinden-1-one hydrochloride: fractal-like and Weibull model kinetics. // <i>Industrial &amp; engineering chemistry research</i> . <b>55</b> (2016); 3890-3899	2,843 (2016.)	KI
37.	Jerković, Igor; Kranjac, Marina; Marijanović, Zvonimir; Zekić, Marina; Radonić, Ani; Tuberoso, Giovanni Ignazio Carlo. Screening of <i>Satureja subspicata</i> Vis. honey by HPLC-DAD, GC-FID/MS and UV/VIS: Prephenate derivatives as biomarkers. // <i>Molecules</i> . <b>21</b> (2016); 3; 377-1-377-11 Article number: 377	2,861 (2016.)	IK
38.	Jerković, Igor; Prđun, Saša; Marijanović, Zvonimir; Zekić, Marina; Bubalo, Dragan; Svečnjak, Lidija; Tuberoso, Giovanni Ignazio Carlo. Traceability of Satsuma Mandarin ( <i>Citrus unshiu</i> Marc.) honey through nectar/honey-sac/honey pathways of the headspace, volatiles, and semi-volatiles: chemical markers. // <i>Molecules</i> . <b>21</b> (2016); 10; 1302-1-1302-13 Article number: 1302	2,861 (2016.)	IK
39.	Jerković, Igor; Radonić, Ani; Kranjac, Marina; Zekić, Marina; Marijanović, Zvonimir; Gudić, Senka; Kliškić, Maja. Red clover ( <i>Trifolium pratense</i> L.) honey: volatiles chemical-profiling and unlocking antioxidant and anticorrosion capacity. // <i>Chemical papers</i> . <b>70</b> (2016); 6; 726-736	1,258 (2016.)	IK
40.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>321</b> (2016); 238-247	2,625 (2016.)	IK, KI
41.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 15; 14908-14917	2,741 (2016.)	IK
42.	Krivohlavek, Adela; Žuntar, Irena; Ivešić, Martina; Mandić Andačić, Ivana; Šikić, Sandra; Vrebčević, Mario. Sibutramine in slimming food supplements on the Croatian market determined by validated high-pressure liquid chromatography-electrospray tandem mass spectrometry method. // <i>Journal of food and nutrition research</i> . <b>55</b> (2016); 222-228	1,950 (2016.)	IK
43.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 24; 10959-10968	1,631 (2016.)	IK
44.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . <b>2016</b> (2016); 7274949-1-7274949-8	1,871 (2016.)	IK
45.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Different charge storage mechanisms at some carbon electrodes in redox active electrolyte revealed by electrochemical impedance spectroscopy. // <i>Electrochimica acta</i> . <b>195</b> (2016); 77-84	4,798 (2016.)	IK
46.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Hydrogen evolution on Pt and polyaniline modified Pt electrodes—a comparative electrochemical impedance spectroscopy study. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016); 3003-3013	2,316 (2016.)	IK
47.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . <b>200</b> (2016); 98-106	4,529 (2016.)	IK
48.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>122</b> (2016); 530-545	4,519 (2016.)	IK
49.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 4; 501-509	0,923 (2016.)	

50.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO <sub>2</sub> -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . <b>304</b> (2016); 289-302	6,216 (2016.)	IK
51.	Sutlović, Davorka; Borić, Igor; Slišković, Livia; Popović, Marijana; Knezović, Zlatka; Nikolić, Ivana; Vučinić, Ana. Bone mineral density of skeletal remains: Discordant results between chemical analysis and DXA method. // <i>Legal medicine</i> . <b>20</b> (2016); 18-22	1,276 (2016.)	IK
52.	Škugor Rončević, Ivana; Metikoš-Huković, Mirjana; Buzuk, Marijo; Vladislavić, Nives. Effective and environmentally friendly nickel coating on the magnesium alloy. // <i>Metals</i> . <b>6</b> (2016); 316; 1-16	1,984 (2016.)	IK
53.	Wedge, Kristina; Dražević, Emil; Konya, Denes; Bentien, Anders. Organic redox species in aqueous flow batteries: redox potentials, chemical stability and solubility. // <i>Scientific reports</i> . <b>6</b> (2016); Article Number: 39101	2,316 (2016.)	IK
54.	Wittine, Karlo; Ratkaj, Ivana; Benci, Krešimir; Suhina, Tomislav; Mandić, Leo; Ilić, Nataša; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Mintas, Mladen. The novel coumarin[3, 2-c]thiophene and its hydroxamic acid and ureido derivatives : synthesis and cytostatic activity evaluations. // <i>Medicinal chemistry research</i> . <b>25</b> (2016); 4; 728-737	4,259 (2016.)	IK
55.	Zekić, Marina; Radonić, Ani; Marijanović, Zvonimir. Glucosinolate profiling of <i>Calepina irregularis</i> . // <i>Natural product communications</i> . <b>11</b> (2016); 9; 1329-1332	1,277 (2016.)	IK
56.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . <b>116</b> (2017) ; 13-22	6,942 (2016.)	IK
57.	Ghoufi, Aziz; Dražević, Emil; Szymczyk, Anthony. Interactions of organics within hydrated selective layer of reverse osmosis desalination membrane: a combined experimental and computational study. // <i>Environmental science &amp; technology</i> . <b>51</b> (2017) , 5; 2714-2719	6,198 (2016.)	IK
58.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research international</i> . <b>24</b> (2017) , 10; 9802-9812	2,741 (2016.)	IK
59.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . <b>186</b> (2017) ; 660-668	4,208 (2016.)	IK
60.	Blažek Bregović, Vesna; Basarić, Nikola. Competing processes in the photochemistry of picolines and their N-methyl salts: photoinduced charge transfer, phototransposition and photohydration. // <i>Research on chemical intermediates</i> . <b>43</b> (2017) , 2; 859-871	1,369 (2016.)	IK
61.	Bota, Josip; Kratošil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . <b>31</b> (2017) , 5; 466-486	1,073 (2016.)	KI
62.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>136</b> (2017) ; 468-479	4,519 (2016.)	IK
63.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . <b>26</b> (2017) , 9; 2024-2037	1,277 (2016.)	IK
64.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 25; 20521-20539	2,741 (2016.)	IK
65.	Čizmić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . <b>323</b> (2017) , Part A; 500-512	6,065 (2016.)	IK
66.	Fraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . <b>60</b> (2017) , 6; 1063-1069	1,685 (2016.)	IK

67.	Faraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . <b>132</b> (2017) ; 325-341	3,684 (2016.)	IK
68.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by <sup>1</sup> H NMR spectroscopy. // <i>Energy &amp; fuels</i> . <b>31</b> (2017) , 4; 3943-3948	3,091 (2016.)	IK
69.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 8; 2939-2955	1,430 (2016.)	KI
70.	Horvat-Radošević, Višnja; Kvastek, Krešimir; Magdić Košiček, Katja. Application of Stoynov's 4-D analysis for nonstationary impedance spectra corrections of thin poly(o-ethoxyaniline) modified Pt electrode. // <i>Bulgarian chemical communications</i> . <b>49</b> (2017) , C; 119-127	0,238 (2016.)	IK
71.	Ivešić, Martina; Krivohavek, Adela; Žuntar, Irena; Tolić, Sonja; Šikić, Sandra; Musić, Valerija; Pavlić, Ivan; Bursik, Andrea; Galić, Nives. Monitoring of selected pharmaceuticals in surface waters of Croatia. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 29; 23389-23400	2,741 (2016.)	IK
72.	Jelčić, Želimir; Očelić Bulatović, Vesna; Jurkaš Marković, Kristina; Rek, Vesna. Multi-fractal morphology of un-aged and aged SBS polymer-modified bitumen. // <i>Plastics, rubber and composites</i> . <b>46</b> (2017) , 2; 77-98	0,660 (2016.)	KI
73.	Jerković, Igor; Marijanović, Zvonimir; Zekić, Marina; Tuberoso, Carlo I.G.. First report on rare unifloral honey of endemic <i>Moltkia petraea</i> (TRATT.) GRISEB. from Croatia: detailed chemical screening and antioxidant capacity. // <i>Chemistry &amp; biodiversity</i> . <b>14</b> (2017) , 3; e1600268-1- e1600268-7	1,440 (2016.)	IK
74.	Jozanović, Marija; Hajduković, Mateja; Galović, Olivera; Kralik, Gordana; Kralik, Zlata; Sakač, Nikola; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Determination of anti-oxidative histidine dipeptides in poultry by microchip capillary electrophoresis with contactless conductivity detection. // <i>Food chemistry</i> . <b>221</b> (2017) ; 1658-1665	4,529 (2016.)	KIP , IK
75.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . <b>56</b> (2017) ; 270-276	4,421 (2016.)	IK
76.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . <b>52</b> (2017) , 5; 864-875	1,106 (2016.)	KI
77.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . <b>182</b> (2017) , 4; 1575-1590	1,751 (2016.)	KI
78.	Karnaš, Maja; Sakač, Nikola; Jozanović, Marija; Tsakiri, Maria; Kopriva, Martina, Kovač-Andrić, Elvira; Sak-Bosnar, Milan. The influence of plasticisers on response characteristics of anionic surfactant potentiometric sensor. // <i>International journal of electrochemical science</i> . <b>12</b> (2017) ; 5921-5933	1,469 (2016.)	IK
79.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . <b>246</b> (2017) ; 455-460	5,401 (2016.)	IK
80.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 401-411	0,586 (2016.)	KI
81.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 385-394	0,923 (2016.)	KI
82.	Kerolli–Mustafa, Mihone; Ćurković, Lidija; Ujević Bošnjak, Magdalena; Rezić, Tonči. Environmental Hazard Assessment of Jarosite Waste Using Batch Leaching Tests. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 403-415	0,923 (2016.)	IK
83.	Klarić, Miljenko; Pervan, Stjepan; Biošić, Martina. Influence of lyophilisation and oven-drying on extraction yield of oregonin from European black alder ( <i>Alnus glutinosa</i> (L.) Gaertn.) Bark. // <i>Drvena industrija : znanstveno-stručni časopis za pitanja drvne tehnologije</i> . <b>68</b> (2017) , 3; 205-210	0,712 (2016.)	IK

84.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 369-374	0,923 (2016.)	KI
85.	Kučić, Dajana; Simonič, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 497-507	0,923 (2016.)	KI
86.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . <b>7</b> (2017) , 2; 791-800	3,108 (2016.)	IK, KI
87.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . <b>32</b> (2017) , 1; 102-111	0,634 (2016.)	KI
88.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electrodialysis. // <i>Biochemical engineering journal</i> . <b>125</b> (2017) ; 221-229	2,892 (2016.)	KI
89.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 722-735	4,519 (2016.)	IK
90.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 145-154	0,586 (2016.)	IK
91.	Prkić, Ante; Jurić, Antonija; Giljanović, Josipa; Politeo, Nives; Sokol, Vesna; Bošković, Perica; Brkljača, Mia; Stipišić, Angela; Fernandez, Carlos; Vukušić, Tina. Monitoring content of cadmium, copper, iron, lead, magnesium and manganese in tea leaves by electrothermal and flame atomizer atomic absorption spectrometry. // <i>Open chemistry</i> . <b>15</b> (2017) , 1; 200-207	1,027 (2016.)	IK
92.	Pustaj, Gordana; Kapor, Frankica; Jakovljević, Suzana. Carbon dioxide corrosion of carbon steel and corrosion inhibition by natural olive leaf extract. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>48</b> (2017) , 2; 122-138	0,524 (2016.)	IK
93.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 187-195	0,586 (2016.)	IK
94.	Racané, Livio; Sedić, Mirela; Ilić, Nataša; Aleksić, Maja; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Novel 2-thienyl- and 2-benzothienyl-substituted 6-(2-imidazolyl)benzothiazoles: synthesis; in vitro evaluation of antitumor effects and assessment of mitochondrial toxicity. // <i>Anti-cancer agents in medicinal chemistry</i> . <b>17</b> (2017) , 1; 57-66	2,598 (2016.)	IK
95.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . <b>9</b> (2017) , 9; 387-1-387-14	3,364 (2016.)	IK
96.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . <b>166</b> (2017) ; 173-182	4,811 (2016.)	IK
97.	Saćer, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . <b>82</b> (2017) , 4; 411-416	0,822 (2016.)	IK
98.	Sakač, Nikola; Jozanović, Marija; Karnaš, Maja; Sak-Bosnar, Milan. A new sensor for determination of anionic surfactants in detergent products with carbon nanotubes as solid contact. // <i>Journal of surfactants and detergents</i> . <b>20</b> (2017) , 4; 881-889	1,450 (2016.)	IK
99.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using a high sensitive solid contact surfactant sensor with MWCNT as ion-to-electron transducer. // <i>Analytical methods</i> . <b>9</b> (2017) ; 2305-2314	1,900 (2016.)	IK



100.	Samardžić, Mirela; Galović, Olivera; Hajduković, Mateja; Sak-Bosnar, Milan. A novel, fast responding, low noise potentiometric sensor containing a carbon-based polymeric membrane for measuring surfactants in industrial and environmental applications. // <i>Talanta</i> . <b>162</b> (2017) ; 316-323	4,162 (2016.)	KIP , IK
101.	Skoko, Božena; Marović, Gordana; Babić, Dinko; Šoštarić, Marko; Jukić, Mirela. Plant uptake of <sup>238</sup> U, <sup>235</sup> U, <sup>232</sup> Th, <sup>226</sup> Ra, <sup>210</sup> Pb and <sup>40</sup> K from a coal ash and slag disposal site and control soil under field conditions: A preliminary study. // <i>Journal of environmental radioactivity</i> . <b>172</b> (2017) ; 113-121	2,310 (2016.)	IK
102.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 197-205	0,586 (2016.)	IK
103.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . <b>2017</b> (2017) , 26; 3787-3794	2,834 (2016.)	IK
104.	Škalamera, Đani; Blažek Bregović, Vesna; Antol, Ivana; Bohne, Cornelia; Basarić, Nikola. Hydroxymethylaniline photocages for carboxylic acids and alcohols. // <i>Journal of organic chemistry</i> . <b>82</b> (2017) , 23; 12554-12568	4,849 (2016.)	IK
105.	Veršić Bratinčević, Maja; Visković, Tanja; Sutlović, Davorka. Comparison of the solid phase and liquid-liquid extraction methods for methadone determination in human serum and whole blood samples using gas chromatography/mass spectrometry. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>68</b> (2017) , 4; 308-314	1,395 (2016.)	IK
106.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 371-380	1,953 (2016.)	IK
107.	Vladislavić, Nives; Buzuk, Marijo; Buljac, Maša; Kožuh, Stjepan; Bralić, Marija; Brinić, Slobodan. Sensitive electrochemical determination of folic acid using ex-situ prepared bismuth film electrodes. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 231-239	0,586 (2016.)	IK
108.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . <b>21</b> (2017) , 3; 621-636	1,752 (2016.)	IK
109.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 413-424	0,586 (2016.)	IK

**Tablica 2.4.3.** Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Dražević, Emil; Košutić, Krešimir. Utjecaj hidrodinamičkih uvjeta u membranskom uređaju na separacijsku učinkovitost reverzno osmotskih i nanofiltracijskih membrana. // <i>Hrvatske vode</i> . <b>85</b> (2013); 205-214	-	IK
2.	Magdić, Katja; Horvat-Radošević, Višnja. Uloga elektrokemijske impedancijske spektroskopije u karakterizaciji elektroda i uređaja za pretvorbu i skladištenje energije. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>62</b> (2013); 3-4; 81-91	-	IK
3.	Kurajica, Stanislav; Lozić, Iva; Pantaler, Martina. Thermal decomposition of calcium(II) bis(acetylacetonate) n-hydrate. // <i>Polimeri: časopis za plastiku i gumu</i> . <b>35</b> (2014); 1-2; 4-9	--	IK
4.	Wittine, Ozren; Maduna Valkaj, Karolina, Zrnčević, Stanka. Obrada fenolne otpadne vode katalitičkim oksidacijskim procesima. // <i>Hrvatske vode</i> . <b>22</b> (2014); 90; 287-296	-	KI
5.	Kerolli-Mustafa, Mihone; Čadraku, Hazir; Musliu, Afete. Surface characterization of glas fibers made from jarosite waste using contact angle measurements. // <i>IFAC-PapersOnLine</i> . <b>49</b> (2016); 196-199	-	IK
6.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburić, Đurđica; Varga, Ines. Koncentracije žive u različitim vrstama riba. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017) , 4; 267-276	-	IK
7.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . <b>57</b> (2017) ; 889-894	-	IK
8.	Đokić, Maja; Bilandžić, Bilandžić; Đuras, Martina; Gomerčić, Tomislav; Sedak, Marija. Biokemijske funkcije i toksičnost mangana te njegove koncentracije u tkivima morskih sisavaca. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017) , 6; 439-449	-	IK

**Tablica 2.4.4.** Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Vidić Štrac, Ivona; Žuntar, Irena; Dimitrov, Nino; Puklek, Maja. Etilenglikol i dietilenglikol u zubnim pastama na hrvatskom tržištu. // <i>Farmaceutski glasnik : glasilo Hrvatskog farmaceutskog društva</i> . <b>69</b> (2013); 5; 319-331	-	IK
2.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna. Effect of Silane treated and untreated talc on the properties of thermoplastic Polyurethane/Polypropilene blends. // <i>Advanced materials research</i> . <b>849</b> (2014); 121-126	-	KI
3.	Očelić Bulatović, Vesna; Govorčin Bajsić, Emi; Filipan, Veljko. Compatibilization of thermoplastic Polyurethane and Polypropylene with a SEBS compatibilizer. // <i>Advanced materials research</i> . <b>1025-1026</b> (2014); 605-614	-	KI
4.	Faraguna, Fabio; Jukić, Ante. Novi petrokemijski procesi na temelju izravne pretvorbe metana. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 1-2; 27-37	-	IK
5.	Grčić, Ivana; Vrsaljko, Domagoj; Katančić, Zvonimir; Papić, Sanja Purification of household greywater loaded with hair colorants by solar photocatalysis using TiO <sub>2</sub> -coated textile fibers coupled flocculation with chitosan. // <i>Journal of water process engineering</i> . <b>5</b> (2015); 15-27	-	KI
6.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera; Grčević, Manuela, Kralik, Igor. Effect of β-alanine and L-histidine on concentration of carnosine in muscle tissue and oxidative stability of chicken meat. // <i>Poljoprivreda (Osijek)</i> . <b>21</b> (2015); 1 (Dodatak); 190-194	-	IK
7.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 417-482	-	IK
8.	Babić, Sandra; Čurković, Lidija; Ljubas, Davor; Čizmić, Mirta. TiO <sub>2</sub> assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . <b>6</b> (2017) ; 34-41	-	IK
9.	Herner, Željko; Bažok, Renata; Briški, Felicita. Biodegradation of imidacloprid in an open compost pile. // <i>Journal of food agriculture &amp; environment</i> . <b>12</b> (2014); 3/4; 198-202	-	IK
10.	Hajdari Gretić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 11-12; 633-640	-	IK
11.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 9-10; 467-474	-	KI

**Tablica 2.6.** Mrežne stranice

Naziv studijskog programa	Broj predmeta za koje postoje posebne mrežne stranice	Za predmete za koje postoji posebna mrežna stranica, ona uključuje sljedeće elemente (navesti u svakoj koloni broj mrežnih stranica koje uključuju taj element)					
		Ciljevi i sadržaj predmeta i popis literature	Objavljivanje termina pismenih i usmenih ispita i termina konzultacija	Objavljivanje rezultata kolokvija i pismenih ispita za studente	Zadaci iz prethodnih ispitnih rokova	Pomoćni nastavni materijal (tekst predavanja, PowerPoint prezentacija, crteži, slike, videozapisi itd.)	Mogućnost interaktivne komunikacije nastavnika i studenata
<b>Preddiplomski studiji</b>							
Kemijско inženjerstvo	60	44	60	60	3	44	60
Kemija i inženjerstvo materijala	43	42	43	43	2	42	43
Ekoinženjerstvo	53	43	53	53	3	43	53
Primijenjena kemija	54	52	54	54	3	52	54
<b>Diplomski studiji</b>							
Kemijско inženjerstvo	257	186	257	257	13	186	257
Kemija i inženjerstvo materijala	72	52	72	72	4	52	72
Ekoinženjerstvo	88	69	88	88	5	69	88
Primijenjena kemija	223	167	223	223	11	167	223

**Tablica 2.7.** Programi cjeloživotnog obrazovanja (do 60 ECTS bodova)

Programi cjeloživotnog obrazovanja	Trajanje	Akreditiran (da/ne) i od koje institucije	ECTS (ako se dodjeljuju)
<b>Jednokratni programi (kongresi, ljetne škole)</b>			
-	-	-	-
<b>Redoviti programi</b>			
Škola ionske kromatografije	svake godine jednodnevni skup		
Susret mladih kemijskih inženjera (SMLKI)	svake dvije godine znanstveni i stručni dvodnevni skup	Sveučilište u Zagrebu	2
International Symposium on Environmental Management (SEM)	svake četiri godine znanstveni višednevni skup		
Implementation of Microreactor Technology in Biotechnology	svake dvije godine naizmjenice s <i>Faculty of Chemistry and Chemical Technology, University of Ljubljana</i> četverodnevni skup		
Znanstveni kolokviji AMACIZ	kontinuirano tijekom cijele akad. god. (5 – 15 godišnje) jednosatna predavanja		
Sajam ideja	svake godine u listopadu (od 2013.) jednodnevni skup		
Applied Biocatalysis	svake godine, naizmjenice u Zagrebu i Mariboru znanstveni susret studenata i profesora Fakulteta i FCCT UM jednodnevni skup		
Radionica o intelektualnom vlasništvu	svake godine u veljači jednodnevna radionica		
Skup za nastavnike srednjih strukovnih škola iz obrazovnog podsektora kemijska tehnologija	održan 2009. i 2014. u suradnji s Agencijom za strukovno obrazovanje jednodnevni skup		
<b>Povremeni programi</b>			
Seminari iz područja proračuna i projektiranja cjevovoda	povremeni jednodnevni		
Seminari i radionice na temu korozije i zaštite materijala	povremeni jednodnevni		
Seminari i radionice iz područja mjerenja i vođenja	povremeni jednodnevni		

**Tablica 3.1.a.** Struktura studenata (preddiplomski i diplomski studiji)

Studijski program	Redoviti studenti						
	2010./2011.	2011./2012.	2012./2013.	2013./2014.	2014./2015.	2015./2016.	2016./2017.
Preddiplomski studij Kemijsko inženjerstvo	172	187	217	219	252	254	244
Preddiplomski studij Kemija i inženjerstvo materijala	92	122	134	155	184	212	201
Preddiplomski studij Ekoinženjerstvo	191	205	223	233	231	198	184
Preddiplomski studij Primijenjena kemija	137	156	168	185	195	178	183
Diplomski studij Kemijsko inženjerstvo (tri modula)	52	45	54	71	71	77	74
Modul Kemijsko-procesno inženjerstvo	9	12	21	39	46	43	33
Kemijsko inženjerstvo u zaštitu okoliša	23	15	16	16	12	7	0
Kemijske tehnologije i proizvodi	20	18	17	16	13	27	41
Diplomski studij Kemija i inženjerstvo materijala	24	33	38	36	27	34	44
Diplomski studij Ekoinženjerstvo	49	38	33	36	30	53	78
Diplomski studij Primijenjena kemija (tri modula)	50	41	45	54	50	64	74
Modul Kemija okoliša	15	11	8	8	9	11	6
Modul Specifični materijali i napredne tehnologije	19	14	16	24	20	29	32
Modul Primijenjena organska kemija	16	16	21	22	21	24	74
<b>Ukupno</b>	<b>767</b>	<b>827</b>	<b>912</b>	<b>989</b>	<b>1040</b>	<b>1070</b>	<b>1082</b>

**Tablica 3.1.b. Struktura studenata (poslijediplomski doktorski studiji)****Doktorski studij Kemijsko inženjerstvo i primijenjena kemija (studij postoji od 2014./2015.)**

2014./2015.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	5	7	3	4	0	0	0	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	1	0	1	3	1	0	1	0	0	0
Samofinanciranje	1	3	4	2	0	1	0	0	0	0
<b>UKUPNO:</b>	<b>7</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

2015./2016.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak			5	7	3	4	0	0	0	0
Stipendija			0	0	0	0	0	0	0	0
Troškove snosi pravna osoba			1	0	1	3	2	0	0	0
Samofinanciranje			1	3	4	2	0	1	0	0
<b>UKUPNO:</b>									<b>0</b>	<b>0</b>

2016./2017.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak					5	7	3	4	0	1
Stipendija					0	0	0	0	0	0
Troškove snosi pravna osoba					1	0	3	3	0	0
Samofinanciranje									0	0
<b>UKUPNO:</b>									<b>0</b>	<b>1</b>

**Doktorski studij Inženjerska kemija (od 2014./2015. se ne upisuje)**

2012./2013.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	1	0	0	2	2	7	23	2	2
Stipendija	0	1	1	2	1	3	0	0	1	4
Troškove snosi pravna osoba	0	0	0	0	0	0	16	18	0	0
Samofinanciranje	1	2	3	4	0	2	3	6	2	4
<b>UKUPNO:</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>26</b>	<b>47</b>	<b>0</b>	<b>1</b>

2013./2014.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	2	0	2	1	2	4	16	3	10
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	1	2	0	1	3	4	9	21	0	1
Samofinanciranje	0	0	0	1	0	2	4	5	0	2
<b>UKUPNO:</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>17</b>	<b>42</b>	<b>3</b>	<b>13</b>

2014./2015.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	1	0	2	4	9	1	12
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	1	2	0	1	12	26	0	0

Samofinanciranje	0	0	0	0	0	1	4	5	0	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>20</b>	<b>40</b>	<b>1</b>	<b>12</b>
2015./2016.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	1	4	9	0	2
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	1	2	12	26	0	1
Samofinanciranje	0	0	0	0	0	0	4	6	0	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>20</b>	<b>41</b>	<b>0</b>	<b>3</b>
2016./2017.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	0	1	6	1	3
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	3	17	2	0
Samofinanciranje	0	0	0	0	0	0	3	11	1	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>34</b>	<b>4</b>	<b>3</b>

#### Doktorski studij Kemijsko inženjerstvo (od 2014./2015. se ne upisuje)

2012./2013.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	1	0	2	0	1	5	5	2	3
Stipendija	0	0	0	0	1	0	0	0	0	0
Troškove snosi pravna osoba	1	0	2	2	5	0	15	13	0	4
Samofinanciranje	0	1	0	1	1	0	0	5	0	1
<b>UKUPNO:</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>1</b>	<b>20</b>	<b>23</b>	<b>2</b>	<b>8</b>

2013./2014.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	1	0	1	0	2	4	4	1	1
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	1	0	1	2	21	8	1	0
Samofinanciranje	0	0	0	0	1	0	1	5	0	1
<b>UKUPNO:</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>26</b>	<b>17</b>	<b>2</b>	<b>2</b>

2014./2015.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	1	0	1	3	1	2	4
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	1	0	14	5	0	0
Samofinanciranje	0	0	0	0	0	0	2	3	0	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>19</b>	<b>9</b>	<b>2</b>	<b>4</b>

2015./2016.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	1	3	1	0	1
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	14	5	1	0
Samofinanciranje	0	0	0	0	0	0	1	3	1	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>18</b>	<b>9</b>	<b>2</b>	<b>1</b>



2016./2017.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	0	0	2	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	9	4	0	0
Samofinanciranje	0	0	0	0	0	0	4	2	0	0
UKUPNO:	0	0	0	0	0	0	13	8	0	0

**Tablica 3.2. Studentski standard**

	Površina / m <sup>2</sup>	Broj sjedećih ili aktivnih mjesta*
Prostor za učenje	264,76	160
Studentska menza (korištenje iksice)	-	-
Drugi objekti prehrane	40	20
Mogućnosti studentskog smještaja	-	-
Sportski objekti	-	-
Prostorije za studentske udruge i kulturne aktivnosti	121,9	50
Objekti za rekreaciju	-	-

\*Broj aktivnih sjedećih mjesta za učenje izvan termina održavanja predavanja i seminara; prostor raspoloživ studentima za boravak i učenje u prostorima Fakulteta

**Tablica 3.3. Zapošljavanje studenata koji su završili studij**

Naziv studijskog programa		Broj studenata koji su završili studij u posljednjih pet godina	Broj nezaposlenih prema statistici Zavoda za zapošljavanje na dan 30. travnja 2018. (bez radnog iskustva)
Diplomski studij Kemijско inženjerstvo	2011./2012.	27	11
	2012./2013.	16	
	2013./2014.	35	
	2014./2015.	29	
	2015./2016.	37	
	2016./2017.	37	
Diplomski studij Kemija i inženjerstvo materijala	2011./2012.	17	5
	2012./2013.	13	
	2013./2014.	18	
	2014./2015.	15	
	2015./2016.	10	
	2016./2017.	21	
Diplomski studij Ekoinženjerstvo	2011./2012.	19	10
	2012./2013.	12	
	2013./2014.	19	
	2014./2015.	14	
	2015./2016.	10	
	2016./2017.	34	
Diplomski studij Primijenjena kemija	2011./2012.	25	5
	2012./2013.	14	
	2013./2014.	29	
	2014./2015.	21	
	2015./2016.	25	
	2016./2017.	31	

**Tablica 3.3.a.** Analiza nezaposlenosti prema podacima Hrvatskog zavoda za zapošljavanje na dan 31. prosinac 2017.

Razina obrazovanja Obrazovni program	2011.		2012.		2013.		listopad 2014.		prosinac 2015.		prosinac 2016.		prosinac 2017.	
	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva
(3.2.2) preddiplomski sveučilišni studij 180 ECTS														
(51300/52.003) Ekoinženjerstvo	1	1	3	2	1	1	3	1	1	0	3	2	1	1
(51300/52.012) Kemijsko inženjerstvo	0	0	1	1	2	0	2	1	6	4	4	4	2	1
(51300/52.010) Kemija i inženjerstvo materijala	0	0	0	0	0	0	2	1	2	1	0	0	-	-
(51300/44.012) Primijenjena kemija	-	-	-	-	-	-	-	-	-	-	-	-	1	1
(4.5.3) diplomski sveučilišni studij 120 ECTS														
(51500/44.037) Primijenjena kemija; smjer: Kemija u zaštiti okoliša i izvori energije	3	3	7	5	7	4	6	1	3	1	3	0	3	2
(51500/44.038) Primijenjena kemija; smjer: Primijenjena organska kemija	3	3	6	4	9	6	9	8	5	3	7	5	6	4
(51500/44.039) Primijenjena kemija; smjer: Specifični materijali i napredne tehnologije	1	1	5	5	1	0	11	11	6	6	8	6	7	5
(51500/52.005) Ekoinženjerstvo	20	18	21	15	19	12	24	15	13	8	13	7	23	13
(51500/52.016) Kemija i inženjerstvo materijala	3	3	7	7	5	3	13	11	7	3	7	4	9	7
(51500/52.018) Kemijsko inženjerstvo	7	5	17	13	17	15	25	20	18	13	18	13	18	14
(4.1) Fakultet, akademija														
(51001/52.020) Kemijska tehnologija	47	12	45	9	42	2	37	3	46	3	29	3	25	2
(4.6.4) poslijediplomski sveučilišni studij 180 ECTS														
(60900/44.011) Inženjerska kemija	0	0	0	0	0	0	1	0	0	0	1	0	0	0
(60900/52.023) Kemijsko inženjerstvo	0	0	0	0	0	0	1	0	1	0	1	0	0	0
<b>Ukupni zbroj</b>	<b>85</b>	<b>46</b>	<b>112</b>	<b>61</b>	<b>103</b>	<b>43</b>	<b>134</b>	<b>72</b>	<b>108</b>	<b>42</b>	<b>98</b>	<b>45</b>	<b>95</b>	<b>50</b>

**Tablica 3.4.** Vrednovanje studijskih programa

Ak. god.	Prosječna opća ocjena	
	Preddiplomski studij	Diplomski studij
2011./2012.	4,04	4,16
2012./2013.	4,13	4,21
2013./2014.	4,00	4,24
2014./2015.	4,08	4,46
2015./2016.	3,92	4,47

**Tablica 4.b.** Vanjski angažman nastavnika Fakulteta u nastavi drugih učilišta

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
Izv. prof. dr. sc. Danijela Ašperger	2016./2017. Instrumentalna analitička kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati vježbi u zimskom semestru
Izv. prof. dr. sc. Tatjana Gazivoda Kraljević	2016./2017. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u zimskom semestru
Izv. prof. dr. sc. Marijana Hranjec	2016./2017. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u zimskom semestru
Prof. dr. sc. Zlata Hrnjak-Murčić	2013./2014. Ambalaža i okoliš	Grafički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u zimskom semestru
Prof. dr. sc. Hrvoje Ivanković	2012./2013. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2013./2014. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2014./2015. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2015./2016. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2016./2017. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
Prof. dr. sc. Stanislav Kurajica	2013./2014. Tehnologija materijala - metal i keramika	Preddiplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2014./2015. Tehnologija materijala - metal i keramika	Preddiplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2016./2017. Tehnologija materijala - metal i keramika	Preddiplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
Doc. dr. sc. Hrvoje Kušić	2013./2014. Industrija i okoliš	Grafički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u zimskom semestru
Izv. prof. dr. sc. Ana Lončarić Božić	2012./2013. Industrija i okoliš	Grafički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u zimskom semestru
Prof. dr. sc. Sanja Martinez	2015./2016. Eko prihvatljivi inhibitori korozije	Tehnološki i Prirodoslovno- matematički fakultet Univerziteta u Tuzli	6 sati predavanja
Izv. prof. dr. sc. Dragana Mutavdžić Pavlović	2016./2017. Instrumentalna analitička kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati vježbi u zimskom semestru
Prof. dr. sc. Silvana Raić-Malić	2016./2017. Nuklearno biološko kemijsko oružje	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom semestru
Doc. dr. sc. Dragana Vuk	2016./2017. Nuklearno biološko kemijsko oružje	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom semestru
Doc. dr. sc. Dragana Vuk	2016./2017. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	22,5 sati seminara u zimskom semestru
Izv. prof. dr. sc. Marija Vuković Domanovac	2016./2017. Nuklearno biološko kemijsko oružje	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom semestru

\* Stanje 31. prosinca 2017.

**Tablica 4.c.** Rezultati studentskih anketa o kvaliteti rada nastavnika na predavanjima, vježbama i seminarima ( $M$  – aritmetička sredina,  $sd$  – standardna devijacija,  $N$  – broj procjena)

	Studij, Ak. god.	$M$	$sd$	$N$
Korisnost predavanja za razumijevanje zadanih sadržaja	Preddiplomski studiji 2011./2012.	3,96	0,77	89
	Preddiplomski studiji 2012./2013.	3,68	1,09	73
	Preddiplomski studiji 2013./2014.	3,97	0,79	75
	Preddiplomski studiji 2014./2015.	4,07	0,78	116
	Preddiplomski studiji 2015./2016.	3,87	0,74	99
Korisnost predavanja za razumijevanje zadanih sadržaja	Diplomski studiji 2011./2012.	4,13	0,77	69
	Diplomski studiji 2012./2013.	4,29	0,72	52
	Diplomski studiji 2013./2014.	4,10	0,82	97
	Diplomski studiji 2014./2015.	4,26	0,62	73
	Diplomski studiji 2015./2016.	4,17	0,79	76
Praktičan rad na vježbama i mogućnost praktične provjere stečenih znanja i vještina	Preddiplomski studiji 2011./2012.	3,90	0,91	90
	Preddiplomski studiji 2012./2013.	4,06	0,75	72
	Preddiplomski studiji 2013./2014.	4,11	0,77	73
	Preddiplomski studiji 2014./2015.	4,13	0,84	115
	Preddiplomski studiji 2015./2016.	3,85	0,97	100
Praktičan rad na vježbama (seminarima) i mogućnost praktične provjere stečenih znanja i vještina	Diplomski studiji 2011./2012.	3,91	1,01	69
	Diplomski studiji 2012./2013.	4,19	0,86	52
	Diplomski studiji 2013./2014.	4,13	0,98	96
	Diplomski studiji 2014./2015.	4,01	1,03	72
	Diplomski studiji 2015./2016.	4,06	0,92	78

**Tablica 4.e1.** Ocjene anketnih pitanja u akad. god. 2011./2012. koja upućuju na kompetentnost nastavnika ( $M$  – aritmetička sredina,  $sd$  – standardna devijacija,  $N$  – broj procjena)

Anketno pitanje	Semestar	$M$	$sd$	$N$
Jasno definira ishode učenja i ono što očekuje od studenta.	Zimski	4,24	0,61	215
	Ljetni	4,09	0,59	119
Jasno i razumljivo izlaže nastavne sadržaje.	Zimski	4,12	0,68	215
	Ljetni	4,03	0,60	119
Metode, primjeri i zadaci olakšavaju postizanje ishoda učenja.	Zimski	4,02	0,66	215
	Ljetni	3,89	0,57	119
Motiviran je za rad i savjesno izvršava svoje obaveze.	Zimski	4,41	0,51	215
	Ljetni	4,23	0,57	119
Koji biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,24	0,61	215
	Ljetni	4,09	0,59	119

**Tablica 4.e2.** Ocjene anketnih pitanja\* u ak. god. 2014./2015. koja upućuju na kompetentnost nastavnika ( $M$  – aritmetička sredina,  $sd$  – standardna devijacija,  $N$  – broj procjena)

Anketno pitanje	Semestar	$M$	$sd$	$N$
Jasno definira ishode učenja i ono što očekuje od studenta.	Zimski	4,16	1,05	465
	Ljetni	4,22	1,00	297
Jasno i razumljivo izlaže nastavne sadržaje.	Zimski	4,12	1,07	457
	Ljetni	4,17	1,06	310
Metode, primjeri i zadaci olakšavaju postizanje ishoda učenja.	Zimski	3,99	1,08	670
	Ljetni	4,08	1,08	464
Motiviran je za rad i savjesno izvršava svoje obaveze.	Zimski	4,38	0,94	365
	Ljetni	4,36	0,98	330
Koji biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,22	0,94	233
	Ljetni	4,23	0,96	274

Rezultati iz ak. god. 2011./2012. i 2014./2015. dobiveni su metodom „papira i olovke“.

**Tablica 4.f.** Projekti u CEEPUS programu kojima su voditelji nastavnici Fakulteta

Voditelj projekta Naslov projekta	Trajanje
Marko Rogošić <i>Raw Materials Smart Innovation Strategies in the ESEE Region</i>	1.10.2016. – 30.9.2017.
Andrej Vidak <i>Active Methods in Teaching and Learning Mathematics and Informatics</i>	1.10.2015. – 30.9.2017.
Sanja Martinez <i>Education of modern analytical and bioanalytical methods</i>	3. 4. 2014. – 30.9.2017.
Tomislav Bolanča <i>Determination of xenobiotics by using separation and hyphenated techniques for environment, food and human health purposes</i>	1. 10. 2011. – 30. 9. 2017.
Zvezdana Findrik Blažević <i>Chemistry and chemical engineering</i>	1. 10. 2011. – 30. 9. 2016.
Nenad Bolf <i>Cybernetics and modern methods of control</i>	1. 10. 2011. – 30. 9. 2017.

**Tablica 4.g.** Odabrane knjige i udžbenici koje su objavili nastavnici Fakulteta u posljednjih pet godina

Autor Naziv knjige / udžbenika	Izdavač, mjesto i godina izdanja, broj stranica
Ilijana Odak, Irena Škorić Organska fotokemija - principi i primjena	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2017., 127
Marica Ivanković (urednica knjige), Marija Kaštelan-Macan (urednica edicije Istaknuti profesori) Helena Jasna Mencer, Edicija istaknuti profesori, knj. 11	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2017., 112
Marija Kaštelan-Macan Franjo Hanaman, Edicija istaknuti profesori, knj. 10	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2017., 150
Stanislav Kurajica, Sanja Lučić Blagojević Uvod u nanotehnologiju	Hrvatsko društvo kemijskih inženjera i tehnologa, Zagreb, 2017., 518
Zvonimir Glasnović, Karmen Margeta Seawater Steam Engine as a prime mover for third industrial revolution	LAP LAMBERT Academic Publishing, Saarbrücken, 2017., 68
Felicita Briški Zaštita okoliša	Fakultet kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu i Element d.o.o., Zagreb, 2016., 298
Marija Kaštelan-Macan (urednica) Štefica Cerjan-Stefanović, Edicija istaknuti profesori, knj. 9	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2015., 87
Tomislav Bolanča, Šime Ukić Ionska kromatografija	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2015., 164
Zlata Hrnjak-Murgić, Ana Rešček, Anita Ptiček Siročić, Ljerka Kratožil Krehula, Zvonimir Katančić Nanoparticles in Active Polymer Food Packaging (monografija)	Smithers Pira, Surrey, 2015., 260
Marija Kaštelan-Macan Enciklopedijski rječnik analitičkoga nazivlja	Fakultet kemijskog inženjerstva i tehnologije i Mentora d.o.o., Zagreb, 2014., 254
Ante Jukić (urednik knjige), Marija Kaštelan-Macan (urednica edicije Istaknuti profesori) Zvonimir Janović. Edicija istaknuti profesori, knj. 8	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2013., 107
Marija Kaštelan-Macan, Mira Petrović (urednici) Analitika okoliša	HINUS i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2013. 435
Marija Kaštelan-Macan Srećko Turina, učitelj i prijatelj (monografija)	HDKI/Kemija u industriji, Zagreb, 2013., 37
Mladen Mintas, Silvana Raić-Malić Medicinska kemija protutumorskih lijekova	Medicinska naklada, Zagreb, 2013., 227
Rajka Budin, Alka Mihelić Bogdanić Izvori i gospodarenje energijom u industriji	Element, Zagreb, 2013., 232

**Tablica 4.1.** Struktura osoblja\*

Osoblje	Zaposleni u punom radnom odnosu		Zaposleni u kumulativnom radnom odnosu		Vanjska suradnja nastavnika u punom radnom odnosu	Vanjski suradnici	
	Broj	Prosječna starost	Broj	Prosječna starost	Broj	Broj	Prosječna starost
Redoviti profesori	29	51				1	43
Izvanredni profesori	17	47				1	46
Docenti	10	40				3	39
Nastavna zvanja	5	44					
Asistenti	43	31				3	26
Stručni suradnici	4	37				1	54
Znanstveni novaci	20	34					
Tehničko osoblje	16	43					
Administrativno osoblje	22	50					
Pomoćno osoblje	20	52					
<b>Ukupno</b>	<b>186</b>	<b>42,9</b>				<b>9</b>	<b>41,6</b>

\* Stanje 1. listopada 2017.

**Tablica 4.2.** Opterećenje nastavnika i vanjskih suradnika za ak. god. 2016./2017.

Naziv studijskog programa	Predavanja		Seminari i auditorne vježbe		Drugi oblici nastave/laboratorijske vježbe	
	Nastavnici visokog učilišta	Vanjski suradnici	Nastavnici visokog učilišta	Vanjski suradnici	Nastavnici visokog učilišta	Vanjski suradnici
KI-preddipl.	3060	-	1912,5	-	4005	-
KIM-preddipl.	2142	-	1215	-	3807	-
EI-preddipl.	2258	112	1561,5	58,5	2940	240
PK-preddipl.	2340	-	1215	-	3330	-
KI-dipl.	1410	90	225	90	1380	-
KIM-dipl.	1740	60	247,5	45	990	-
EI-dipl.	938	52	355,5	117	1470	-
PK-dipl.	1680	-	427,5	-	1440	-
Doktorski KI i IK	2220	-	120	-	-	-
<b>Ukupno</b>	<b>17788</b>	<b>314</b>	<b>7279,5</b>	<b>310,5</b>	<b>19362</b>	<b>240</b>



**Tablica 4.3. Popis nastavnika**

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
FILIPAN, VELJKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet strojarstva i brodogradnje	strojarstvo	11. 10. 2016.	100	657,5	
GUSIĆ, IVICA	Redoviti profesor – trajno zvanje	dr. sc.	Prirodoslovno–matematički fakultet	matematika	12. 7. 2012.	100	540,0	
HRNJAK–MURGIĆ, ZLATA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	19. 4. 2016.	100	382,5	
IVANKOVIĆ, HRVOJE	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 4. 2011.	100	387,0	45,0 Prirodoslovno–matematički fakultet u Zagrebu
IVANKOVIĆ, MARICA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	21. 12. 2010.	100	384,0	
KOŠUTIĆ, KREŠIMIR	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100	450,0	
KURAJICA, STANISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 2. 2013.	100	332,5	30,0 Sveučilište u Dubrovniku
LESKOVAC, MIRELA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 12. 2017	100	682,5	
MARTINEZ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo temeljne tehničke znanosti	12. 12. 2017.	100	300,5	
RAIĆ–MALIĆ, SILVANA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 4. 2017.	100	374,0	50,0 Sveučilište u Zagrebu
ROGOŠIĆ, MARKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19. 5. 2016.	100	445,0	
TOMAŠIĆ, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100	465,0	
VOLOVŠEK, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Prirodoslovno–matematički fakultet	fizika	11. 10. 2016.	100	350,0	
ZELIĆ, BRUNO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2017.	100	420,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
BABIĆ, SANDRA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 7. 2013.	100	188,0	
BOLANČA, TOMISLAV	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 6. 2013.	100	350,0	
BOLF, NENAD	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 4. 2017.	100	461,0	
GOVORČIN-BAJSIĆ, EMI	Redoviti profesor – prvi izbor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	18. 9. 2012.	100	307,5	
JUKIĆ, ANTE	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	12. 3. 2013.	100	584,0	
LONČARIĆ-BOŽIĆ, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 12. 2016.	100	389,0	
LUČIĆ BLAGOJEVIĆ, SANJA	Redoviti profesor – prvi izbor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	18. 9. 2012.	100	699,5	
MACAN, JELENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17. 10. 2017.	100	599,0	
MANDIĆ, ZORAN	Redoviti profesor – prvi izbor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	13. 12. 2016.	100	265,5	
MATIJAŠIĆ, GORDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100	460,5	
PRLIĆ KARDUM, JASNA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100	429,0	
SANDER, ALEKSANDRA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 9. 2011.	100	505,0	
SUTLOVIĆ, IGOR	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	14. 2. 2017.	100	409,5	
ŠIPUŠIĆ, JURAJ	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100	418,0	
ŠKORIĆ, IRENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	14. 2. 2017.	100	350,5	
AŠPERGER, DANIJELA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 10. 2013.	100	415,5	37,0 Sveučilište u Zagrebu
DANANIĆ, VLADIMIR	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	fizika	16. 6. 2015.	100	405,0	
FINDRIK BLAŽEVIĆ, ZVJEZDANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2012.	100	563,5	
GAZIVODA KRALJEVIĆ, TATJANA	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	kemija	25. 4. 2017.	100	415,0	30,0 Sveučilište u Zagrebu

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
GLASNOVIĆ, ZVONIMIR	Izvanredni profesor	dr. sc.	Elektrotehnički fakultet	elektrotehnika	30. 5. 2016.	100	252,5	
HRANJEC, MARIJANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 12. 2012.	100	335,0	30,0 Sveučilište u Zagrebu
KOSAR, VANJA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 5. 2017.	100	295,0	
KRALJIĆ ROKOVIĆ, MARIJANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100	295,5	
MILARDOVIĆ, STJEPAN	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemija	29. 2. 2016.	100	362,0	
MUTAVDŽIĆ PAVLOVIĆ, DRAGANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	19. 3. 2013.	100	345,0	37,0 Sveučilište u Zagrebu
OTMAČIĆ ČURKOVIĆ, HELENA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	8. 5. 2017.	100	407,0	
STEINBERG, IVANA	Izvanredni profesor	dr. sc.	Karl – Franzes – Universität Graz, Austrija	kemija	20. 12. 2016.	100	372,5	
UKIĆ, ŠIME	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 11. 2017.	100	600,0	
VIDOVIĆ, ELVIRA	Izvanredni profesor	dr. sc.	Rheinisch – Westfälische Technische Hochschule Aachen, Njemačka	kemijsko inženjerstvo	22. 4. 2013.	100	Slobodna studijska godina	
VRBOS, NEVENKA	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	17. 12. 2012.	100	465,0	
VRŠALOVIĆ PRESEČKI, ANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	23. 9. 2013.	100	554,5	
VUKOVIĆ DOMANOVAČ, MARIJA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2012.	100	443,5	50,0 Sveučilište u Zagrebu
DEJANOVIĆ, IGOR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24. 11. 2014.	100	359,5	
DOLAR, DAVOR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 10. 2014.	100	412,5	
JERKOVIĆ, MIROSLAV	Docent	dr. sc.	Prirodoslovno–matematički fakultet	matematika	30. 10. 2017.	100	562,5	
KRATOFIL KREHULA, LJERKA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15. 6. 2015.	100	769,0	
KRIŠTAFOR, SVJETLANA	Docent	dr. sc.	Prirodoslovno–matematički fakultet	kemija	24. 9. 2013.	100	454,0	
KUŠIĆ, HRVOJE	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 3. 2013.	100	366,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
MANDIĆ, VILKO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 9. 2017.	100	na stručnom usavršavanju	
VRSALJKO, DOMAGOJ	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 2. 2013.	100	413,5	
VUK, DRAGANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	17. 3. 2015.	100	268,5	72,5 Sveučilište u Zagrebu
ŽIŽEK, KRUNOSLAV	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	20. 5. 2 013.	100	440,0	
DEŠPALJ, NAĐA	Viši predavač		Filozofski fakultet	filologija	3. 7 2017.	100	960,0	
FURAČ, LIDIJA	Viši predavač	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 9. 2013.	100	925,0	
MARKIĆ, MARINKO	Predavač	mr. sc.	Elektrotehnički fakultet	elektrotehnika	16. 12. 2013.	100	492,0	
MOVRE ŠAPIĆ, IVA	Predavač	dr. sc.	Prirodoslovno-matematički fakultet	fizika	22. 9. 2015.	100	450,0	
PERŠUN, JOSIPA	Predavač		Kineziološki fakultet u Zagrebu	kineziologija	18. 3. 2015.	100	3000,0	
UJEVIĆ ANDRIJIĆ, ŽELJKA	Viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2013.	100	264,0	
BEGOVIĆ KOVAČ, ERNA	Poslijedoktorand	dr. sc.	Prirodoslovno-matematički fakultet	matematika	1. 1. 2015.	100	360,0	
KASSAL, PETAR	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 7. 2015.	100	499,5	
KUČIĆ GRGIĆ DAJANA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	364,5	
ROGINA, ANAMARIJA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	1. 7. 2015.	100	295,0	
BABIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2016.	100	379,5	
BARBARIĆ, JOŠKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 2. 2016.	100	222,0	
BLAŽIĆ, ROKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100	75,0 radni odnos od 6.2.2017.	
BOBANOVIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	250,0	
BUŽANČIĆ, MARIN	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 4. 2016.	100	270,0	
CVETNIĆ, MATIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	221,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
DABIĆ, DARIO	Asistent		Prirodoslovno-matematički fakultet	kemija	1. 10. 2015.	100	176,0	
DORIĆ, HRVOJE	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	383,0	
GRETIĆ, MATIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	289,5	
HORAK, EMA	Asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 2. 2012.	100	246,5	
IVANIŠEVIĆ, IRENA	Asistent		Prirodoslovno-matematički fakultet	kemija	1. 4. 2016.	100	250,0	
LUKAČ, GORAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 4. 2016.	100	247,0	
LUKIĆ, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2016.	100	276,0	
MIKIĆ, DAJANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100	106,0 radni odnos od 6.3.2017.	
MITAR, ANAMARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	349,5	
MUŽINA, KATARINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 3. 2017.	100	150,0 radni odnos od 6.3.2017.	
PAPAC, JOSIPA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 9. 2017	100	novozaposleni djelatnik	
PERŠIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100	000,0 radni odnos od 6.2.2017.	
PETRAČIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100	278,0	
RACAR, MARKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	180,0	
RATKOVIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100	120,0 radni odnos od 6.3.2017.	
RESSLER, ANTONIA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100	240,0	
SIGURNJAK, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	266,0	
ŠABIĆ, MONIKA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100	271,0	
TOLIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2017.	100	novozaposleni djelatnik	
VIDAK, ANDREJ	Asistent		Prirodoslovno-matematički fakultet	fizika	1. 2. 2012.	100	180,0	
VLAHEK, ANDREJA	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 12. 2017.	100	novozaposleni djelatnik	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
ZAGAJSKI KUČAN, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100	208,5	
LASIĆ, LUKA	Stručni suradnik	mr. sc.	Prirodoslovno-matematički fakultet	matematika	25. 9. 1995.	100	540,0	
MATIJAŠEC, DORA	Stručni suradnik		Prirodoslovno-matematički fakultet	kemija	1. 2. 2009.	100	roditeljni i roditeljski dopust	
PALJAR, KLAUDIA	Stručni suradnik		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 2. 2016.	100	575,0	
SAMARDŽIJA, MARINA	Stručni suradnik		Fakultet kemijskog inženjerstva i tehnologije	kemija	15. 7. 2016.	100	509,0	
CINDRIĆ, MAJA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	19. 7. 2013.	100	190,0	
KATIĆ, JOZEFINA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 12. 2012.	100	242,0	
OČELIĆ BULATOVIĆ, VESNA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	31. 5. 2013.	100	254,5	
VRANJEŠ PENAVA, NINA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 12. 2008.	100	dugo bolovanje	
BIOŠIĆ, MARTINA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 3. 2015.	100	roditeljni i roditeljski dopust	
BUHIN ŠTURLIĆ, ZRINKA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2013.	100	roditeljni i roditeljski dopust	
ČIZMIĆ, MIRTA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	297,0	
FARAGUNA, FABIO	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2014.	100	438,0	
MEŠČIĆ MACAN ANDRIJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	26. 3. 2014.	100	315,0	
MILOVAC, DAJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	6. 2. 2014.	100	250,0	
MOHLER, IVAN	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2015.	100	342,5	
NOVAK STANKOV, MIRJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 7. 2015.	100	roditeljni i roditeljski dopust	
PERIN, NATAŠA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 3. 2014.	100	278,0	
SOPČIĆ, SUZANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 11. 2014.	100	257,0	
SUDAR, MARTINA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 7. 2015.	100	252,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2016./2017.)	Opterećenje na vanjskim institucijama u norma satima
ŠAGUD, IVANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 3. 2014.	100	307,0	
ŠALIĆ, ANITA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 7. 2015.	100	45,0 roditeljni i roditeljski dopust	
DUPLANČIĆ, MARINA	Znanstveni novak – asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 5. 2007.	100	263,0	
JURETIĆ PERIŠIĆ, DARIA	Znanstveni novak – asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2012.	100	148,0	
MARAČIĆ, SILVIJA	Znanstveni novak – asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	10. 1. 2011.	100	202,0	
ANTONIĆ, DAVOR	Poslijedoktorand	dr. sc.	Fakultet elektrotehnike i računarstva	računarstvo	18. 11. 2014.	100	na projektu HRZZ	
KATANČIĆ, ZVONIMIR	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 6. 2017.	100	na projektu HRZZ	
BAUER, LEONARD	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo		100	na projektu HRZZ	
BISTROVIĆ, ANDREA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 1. 2015.	100	na projektu HRZZ	
GILJA, VANJA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	na projektu HRZZ	
KOVAČIĆ, MARIN	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	na projektu HRZZ	
KRISTAN MIOČ, EKATARINA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	na projektu HRZZ	
SAČER, DENIS	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	na projektu HRZZ	
ČESNIK, MORANA	Doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 5. 2015.	100	na projektu OBZOR 2020	
ŠVARC, ANERA	Doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 5. 2015.	100	na projektu OBZOR 2020	

\* Stanje 31. prosinca 2017.

**Tablica 4.4.** Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj nastavnika kojima je završio radni odnos
2012./2013.	3	3
2013./2014.	3	7
2014./2015.	3	1
2015./2016.	2	3
2016./2017.	0	2

\* Stanje 31. prosinca 2017.

**Tablica 4.5.** Nastavni materijali korišteni u prethodnoj akademskoj godini (2016./2017.)

Naziv studijskog programa	Preddiplomski				Diplomski			
	KI	KIM	EI	PK	KI	KIM	EI	PK
Broj udžbenika napisanih na hrvatskom jeziku	21	11	23	12	26	4	7	12
Broj inozemnih udžbenika prevedenih na hrvatski jezik	2	3	5	7	-	-	-	3
Broj znanstvenih publikacija povezanih s nastavom	Velika većina znanstvenih publikacija može se smatrati sadržajno povezanima s nastavom. To poglavito vrijedi za nastavu na diplomskim studijima.							
Broj priručnika	20	9	10	12	16	11	6	5
Broj predmeta za koje na mrežnim stranicama visokog učilišta postoji recenzirani priručnik	3	1	1	-	5	7	5	3
Broj predmeta za koje postoji mrežna stranica s pomoćnim nastavnim materijalima	29	34	40	40	44	26	24	42
Broj predmeta koji se izvode kao e-kolegiji (o – obvezni; i – izborni)	6-o	4-o	5-o	4-o, 2-i	3-o, 1-i	2-o, 1-i	0	6-i
Ukupni broj kolegija na studijskom programu	42	41	49	50	53	33	27	48



**Tablica 5.a.** Popis svih publikacija u 2016. i 2017. prema WoS-u i SCOPUS-u.

WoS – 2016.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvartil	Medijan IF
1.	Bačić, Ivana; Otmačić Ćurković, Helena; Ćurković, Lidija; Mandić, Vilko; Šokčević, Zrinka. Corrosion protection of AISI 316L stainless steel with the sol-gel yttria stabilized ZrO <sub>2</sub> films: effects of sintering temperature and doping. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 9192-9205	1,469 (2016.)	1,701 (2016.)	ELECTROCHEMISTRY	Q3	2,235 (2016.)
2.	Belščak-Cvitanović, Ana; Bušić, Arijana; Barišić, Lidija; Vrsaljko, Domagoj; Karlović, Sven; Špoljarić, Igor; Vojvodić, Aleksandra; Mršić, Gordan; Komes, Draženka. Emulsion templated microencapsulation of dandelion ( <i>Taraxacum officinale</i> L.) polyphenols and β-carotene by ionotropic gelation of alginate and pectin. // <i>Food hydrocolloids</i> . <b>57</b> (2016); 139-152	4,747 (2016.)	5,459 (2016.)	CHEMISTRY, APPLIED	Q1	1,550 (2016.)
				FOOD SCIENCE & TECHNOLOGY	Q1	1,419 (2016.)
3.	Botti, Valentina; Elisei, Fausto; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Effect of the positional isomerism on the photoreactivity of styryloxazoles. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>316</b> (2016); 95-103	2,625 (2016.)	2,493 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
4.	Botti, Valentina; Elisei, Fausto; Faraguna, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, π* states on the photoreactivity of 5-[2-(pyridin-yl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>329</b> (2016); 262-272	2,625 (2016.)	2,493 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
5.	Brajša, Karmen; Vujašinović, Ines; Jelić, Dubravko; Trzun, Marija; Zlatar, Ivo; Karminski-Zamola, Grace; Hranjec, Marijana. Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1, 2-a]quinoline derivatives tested in 2D and 3D cell culture systems. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . <b>31</b> (2016); 6; 1139-1145	4,293 (2016.)	3,266 (2016.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	2,780 (2016.)
				CHEMISTRY, MEDICINAL	Q1	2,526 (2016.)
6.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016);11; 3053-3059	2,316 (2016.)	2,250 (2016.)	ELECTROCHEMISTRY	Q2	2,235 (2016.)
7.	Ćurković, Mario; Sipos, Laszlo; Puntarić, Dinko; Dodig-Ćurković, Katarina; Pivac, Nela; Kralik, Kristina. Arsenic, copper, molybdenum, and selenium exposure through drinking water in rural Eastern Croatia. // <i>Polish journal of environmental studies</i> . <b>25</b> (2016); 3; 981-992	0,793 (2016.)	0,961 (2016.)	ENVIRONMENTAL SCIENCES	Q4	1,826 (2016.)

8.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- $\alpha$ ]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology.</i> <b>163</b> (2016); 319-326	2,673 (2016.)	2,909 (2016.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q3	2,780 (2016.)
				BIOPHYSICS	Q2	2,535 (2016.)
9.	Dolar, Davor; Košutić, Krešimir; Strmecky, Tea. Hybrid processes for treatment of landfill leachate: coagulation/UF/NF-RO and adsorption/UF/NF-RO. // <i>Separation and purification technology.</i> <b>168</b> (2016); 39-46	3,359 (2016.)	3,843 (2016.)	ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
10.	Drljača, Dijana; Ašperger, Danijela; Ferenčak, Matea; Gavranić, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia.</i> <b>79</b> (2016); 209-223	1,402 (2016.)	1,302 (2016.)	BIOCHEMICAL RESEARCH METHODS	Q4	2,438 (2016.)
				CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
11.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal.</i> <b>84</b> (2016); 218-235	3,531 (2016.)	3,658 (2016.)	POLYMER SCIENCE	Q1	1,565 (2016.)
12.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production.</i> <b>112</b> (2016); 1106-1111	5,715 (2016.)	6,207 (2016.)	ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,635 (2016.)
13.	Findrik, Zvezdana; Tusić, Marko; Vasić-Rački, Đurđa. Stabilization of D-amino acid oxidase via covalent immobilization and mathematical model of D-methionine oxidative deamination catalyzed by immobilized enzyme. // <i>Chemical and biochemical engineering quarterly.</i> <b>30</b> (2016); 1; 93-102	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
14.	Foglar, Lucija; Šiljeg, Mario; Babić, Ana-Marija. Use of ion exchange beads as a bacterial carrier for biodenitrification. // <i>Journal American water works association.</i> <b>108</b> (2016); 12; E624-E634	0,687 (2016.)	0,661 (2016.)	ENGINEERING, CIVIL	Q4	1,353 (2016.)
				WATER RESOURCES	Q4	1,603 (2016.)
15.	Gazivoda Kraljević, Tatjana; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Stepanić, Višnja; Drenjančević, Domagoj; Talapkof, Jasminka; Raić-Malić, Silvana. Synthesis, in vitro anticancer and antibacterial activities and in silico studies of new 4-substituted 1, 2, 3-triazole-coumarin hybrids. // <i>European journal of medicinal chemistry.</i> <b>124</b> (2016); 794-808	4,519 (2016.)	4,187 (2016.)	CHEMISTRY, MEDICINAL	Q1	2,526 (2016.)

16.	Glasnović, Zvonimir; Margeta, Karmen; Premec, Krunoslav. Could Key Engine, as a new open-source for RES technology development, start the third industrial revolution?. // <i>Renewable &amp; sustainable energy reviews</i> . <b>57</b> (2016); 1194-1209	8,050 (2016.)	9,122 (2016.)	ENERGY & FUELS	Q1	2,203 (2016.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,635 (2016.)
17.	Govorčin Bajsić, Emi; Mijović, Budimir; Vranješ Penava, Nina; Holjevac Grgurić, Tamara; Slouf, Miroslav; Zdraveva, Emilija. The effect of UV irradiation on the electrospun PCL/TiO <sub>2</sub> composites fibres. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43539-1-43539-9	1,860 (2016.)	1,727 (2016.)	POLYMER SCIENCE	Q2	1,565 (2016.)
18.	Grčić, Ivana; Papić, Sanja. Sonochemical treatment of effluent originating from desulfurization process; validation of predictive models. // <i>Applied acoustics</i> . <b>103</b> (2016); 232-238	1,921 (2016.)	1,980 (2016.)	ACOUSTICS	Q2	1,547 (2016.)
19.	Grubač, Zoran; Škugor Rončević, Ivana; Metikoš-Huković, Mirjana. Corrosion properties of the Mg alloy coated with polypyrrole films. // <i>Corrosion science</i> . <b>102</b> (2016); 310-316	5,245 (2016.)	5,332 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	1,860 (2016.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	0,940 (2016.)
20.	Hajdari, Zana; Otmačić Ćurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C145-C155	3,259 (2016.)	3,307 (2016.)	ELECTROCHEMISTRY	Q2	2,235 (2016.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,347 (2016.)
21.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Ćurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 14; C937-C944	3,259 (2016.)	3,307 (2016.)	ELECTROCHEMISTRY	Q2	2,235 (2016.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,347 (2016.)
22.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO <sub>2</sub> nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 7660-7673	1,469 (2016.)	1,701 (2016.)	ELECTROCHEMISTRY	Q3	2,235 (2016.)
23.	Jakić, Miće; Stipanelov Vrandečić, Nataša; Ocelić Bulatović, Vesna; Govorčin Bajsić, Emi. Miscibility of poly(vinyl chloride) with poly(ethylene oxide) of different molecular weights. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 61-71	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
24.	Jansen, Helmut; Dejanović, Igor; Rietfort, Thomas; Olujić, Žarko. Dividing wall column as energy saving retrofit technology. // <i>Chemie Ingenieur Technik</i> . <b>88</b> (2016); 200-207	0,877 (2016.)	0,749 (2016.)	ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
25.	Jelčić, Želimir; Ocelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Relationship between fractal, viscoelastic and	0,787 (2016.)	0,858 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	1,860 (2016.)

	aging properties of linear and radial styrene-butadiene-styrene polymer-modified bitumen. // <i>Journal of elastomers and plastics</i> . <b>48</b> (2016); 1; 14-46			POLYMER SCIENCE	Q4	1,565 (2016.)
26.	Jelčić, Želimir; Mastelić Samardžić, Zrinka; Zrnčević, Stanka. Catalytic hydrogenation of 2-(1-Benzyl-1,2,3,6-tetrahydropyridin-4-yl)methylene)-5,6-dimethoxy-2,3-dihydroinden-1-one hydrochloride: fractal-like and Weibull model kinetics. // <i>Industrial &amp; engineering chemistry research</i> . <b>55</b> (2016); 3890-3899	2,843 (2016.)	3,027 (2016.)	ENGINEERING, CHEMICAL	Q2	1,517 (2016.)
27.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>321</b> (2016); 238-247	2,625 (2016.)	2,493 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
28.	Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Marin, Vedrana; Lončarić Božić, Ana. Comparative analysis of UV-C/H <sub>2</sub> O <sub>2</sub> and UV-A/TiO <sub>2</sub> processes for the degradation of diclofenac in water. // <i>Reaction kinetics, mechanisms and catalysis</i> . <b>118</b> (2016); 451-462	1,264 (2016.)	1,143 (2016.)	CHEMISTRY, PHYSICAL	Q4	2,376 (2016.)
29.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Semiconducting properties of the oxide films formed on tin: Capacitive and XPS studies. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C221-C227	3,259 (2016.)	3,307 (2016.)	ELECTROCHEMISTRY	Q2	2,235 (2016.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,347 (2016.)
30.	Kereković, Irena; Wittine, Karlo. Properties of gold electrode modified with dimercaptosuccinic acid and electrochemical behavior of copper histidine complex. // <i>Journal of analytical chemistry</i> . <b>71</b> (2016); 3; 276-282	0,723 (2016.)	0,678 (2016.)	CHEMISTRY, ANALYTICAL	Q4	1,985 (2016.)
31.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Čurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . <b>123</b> (2016); 1; 421-430	1,953 (2016.)	1,690 (2016.)	CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
				CHEMISTRY, PHYSICAL	Q3	2,376 (2016.)
				THERMODYNAMICS	Q2	1,508 (2016.)
32.	Koričić, Krešimir; Kušić, Hrvoje; Koprivanac, Natalija; Papić, Sanja. Mineralization of salicylic acid in water by catalytic ozonation. // <i>Environmental engineering and management journal</i> . <b>15</b> (2016); 1; 151-166	1,096 (2016.)	0,849 (2016.)	ENVIRONMENTAL SCIENCES	Q4	1,826 (2016.)
33.	Kovačić, Marin; Salaeh, Subhan; Kušić, Hrvoje; Suligoj, Andraz; Kete, Marko; Fanetti, Mattia; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Solar-driven photocatalytic treatment of diclofenac using immobilized TiO <sub>2</sub> -based zeolite composites. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 17982-17994	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)

34.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 15; 14908-14917	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)
35.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Kratofil Krehula, Ljerka; Musić, Svetozar. The effects of In <sup>3+</sup> doping on the properties of precipitated goethite. // <i>Journal of alloys and compounds</i> . <b>658</b> (2016); 41-48	3,133 (2016.)	2,919 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	1,860 (2016.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	0,940 (2016.)
36.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 24; 10959-10968	1,631 (2016.)	1,643 (2016.)	ENGINEERING, CHEMICAL	Q2	1,571 (2016.)
				WATER RESOURCES	Q2	1,603 (2016.)
37.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . <b>2016</b> (2016); 7274949-1-7274949-8	1,871 (2016.)	2,345 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	1,860 (2016.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	2,535 (2016.)
38.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . <b>124</b> (2016); 2; 645-655	1,953 (2016.)	1,690 (2016.)	CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
				CHEMISTRY, PHYSICAL	Q3	2,376 (2016.)
				THERMODYNAMICS	Q2	1,508 (2016.)
39.	Maduna Valkaj, Karolina; Tomašić, Vesna; Katović, Andrea; Bielańska, ElżBieta. Synthesis and characterization of Cu-MFI catalyst for the direct medium temperature range NO decomposition. // <i>Materials science-Poland</i> . <b>34</b> (2016); 177-184	0,610 (2016.)	0,577 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	1,860 (2016.)
40.	Mandić, Vilko; Tkalčec, Emilija; Popović, Jasminka; Kurajica, Stanislav; Schmauch, Jorg. Crystallization pathway of sol-gel derived zinc-doped mullite precursors. // <i>Journal of the European ceramic society</i> . <b>36</b> (2016); 5; 1285-1292	3,454 (2016.)	3,345 (2016.)	MATERIALS SCIENCE, CERAMICS	Q1	0,756 (2016.)
41.	Margeta, Dunja; Grčić, Ivana; Papić, Sanja; Sertić-Bionda, Katica; Foglar, Lucija. Impact of ultrasound application on oxidative desulfurization of diesel fuel and on treatment of resulting wastewater. // <i>Environmental technology</i> . <b>37</b> (2016); 3, 1; 293-299	1,751 (2016.)	1,760 (2016.)	ENVIRONMENTAL SCIENCES	Q3	1,826 (2016.)
42.	Margeta, Dunja; Sertić-Bionda, Katica; Foglar, Lucija. Ultrasound assisted oxidative desulfurization of model diesel fuel. // <i>Applied acoustics</i> . <b>103</b> (2016); 202-206	1,921 (2016.)	1,980 (2016.)	ACOUSTICS	Q2	1,547 (2016.)
43.	Margeta, Dunja; Ujević Andrijić, Željka; Sertić-Bionda, Katica. Prediction of dibenzothiophene conversion in the ultrasound assisted oxidative	0,655 (2016.)	0,528 (2016.)	ENERGY & FUELS	Q4	2,203 (2016.)
				ENGINEERING, CHEMICAL	Q4	1,571 (2016.)

	desulfurization process by regression model and neural network. // <i>Petroleum science and technology</i> . <b>34</b> (2016); 21; 1797-1802			ENGINEERING, PETROLEUM	Q3	0,766 (2016.)
44.	Matijašević, Ljubica; Petrić, Marija. Integration of hydrogen systems in petroleum refinery. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 3; 291-304	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
45.	Mimica Tkalc̃ec, Marijana; Bistrićić, Lahorija; Leskovac, Mirela. Influence of adhesive layer on the stability of kozo paper. // <i>Cellulose</i> . <b>23</b> (2016); 1; 853-872	3,417 (2016.)	3,885 (2016.)	MATERIALS SCIENCE, PAPER & WOOD	Q1	0,763 (2016.)
				MATERIALS SCIENCE, TEXTILES	Q1	0,585 (2016.)
				POLYMER SCIENCE	Q1	1,565 (2016.)
46.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . <b>200</b> (2016); 98-106	4,529 (2016.)	4,498 (2016.)	CHEMISTRY, APPLIED	Q1	1,550 (2016.)
				FOOD SCIENCE & TECHNOLOGY	Q1	1,419 (2016.)
				NUTRITION & DIETETICS	Q1	2,468 (2016.)
47.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>122</b> (2016); 530-545	4,519 (2016.)	4,187 (2016.)	CHEMISTRY, MEDICINAL	Q1	2,526 (2016.)
48.	Planinić, Mirela; Zelić, Bruno; Čubel, Ivan; Bucić-Kojić, Ana; Tišma, Marina. Corn forage biological pretreatment by <i>Trametes versicolor</i> in a tray bioreactor. // <i>Waste management &amp; research</i> . <b>34</b> (2016); 8; 802-809	1,803 (2016.)	1,874 (2016.)	ENGINEERING, ENVIRONMENTAL	Q3	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q3	1,826 (2016.)
49.	Plavac, Bojan; Sutlović, Igor; Filipan, Veljko. Flexibility of mechanical biological treatment plants. // <i>Tehnički vjesnik-Technical gazette</i> . <b>23</b> (2016); 6; 1871-1877	0,723 (2016.)	0,650 (2016.)	ENGINEERING, MULTIDISCIPLINARY	Q3	1,095 (2016.)
50.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 4; 501-509	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
51.	Pustak, Anđela; Denac, Matjaž; Leskovac, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Structure and morphology of silica-reinforced polypropylene composites modified with m-EPR copolymers. // <i>Journal of polymer research</i> . <b>23</b> (2016); 2; 37-1-37-12	1,615 (2016.)	1,624 (2016.)	POLYMER SCIENCE	Q2	1,565 (2016.)

52.	Rešček, Ana; Ščetar, Mario; Hrnjak-Murđić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . <b>55</b> (2016); 14; 1450-1459	1,232 (2016.)	1,183 (2016.)	POLYMER SCIENCE	Q3	1,565 (2016.)
53.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . <b>98</b> (2016); 172-181	3,684 (2016.)	3,740 (2016.)	POLYMER SCIENCE	Q1	1,565 (2016.)
54.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> . <b>44</b> (2016); 4; 1107-1119	3,221 (2016.)	3,423 (2016.)	ENGINEERING, BIOMEDICAL	Q1	2,009 (2016.)
55.	Rogošić, Marko; Sander, Aleksandra; Kojić, Vedran; Parlov Vuković, Jelena. Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). // <i>Fluid phase equilibria</i> . <b>412</b> (2016); 39-50	2,473 (2016.)	2,499 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
				ENGINEERING, CHEMICAL	Q2	1,571 (2016.)
				THERMODYNAMICS	Q2	1,508 (2016.)
56.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . <b>123</b> (2016); 42-52	3,255 (2016.)	2,953 (2016.)	CHEMISTRY, ANALYTICAL	Q1	1,985 (2016.)
				PHARMACOLOGY & PHARMACY	Q2	2,415 (2016.)
57.	Sačar, Denis; Čapeta, Davor; Šrut Rakić, Iva; Peter, Robert; Petravić, Mladen; Kraljić Roković, Marijana. Tailoring polypyrrole supercapacitive properties by intercalation of graphene oxide within the layer. // <i>Electrochimica acta</i> . <b>193</b> (2016); 311-320	4,798 (2016.)	4,630 (2016.)	ELECTROCHEMISTRY	Q1	2,235 (2016.)
58.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO <sub>2</sub> -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . <b>304</b> (2016); 289-302	6,216 (2016.)	6,159 (2016.)	ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
				ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
59.	Sander, Aleksandra; Rogošić, Marko; Slivar, Anamarija; Žuteg, Barbara. Separation of hydrocarbons by means of liquid-liquid extraction with deep eutectic solvents. // <i>Solvent extraction and ion exchange</i> . <b>34</b> (2016); 1; 86-98	2,456 (2016.)	2,180 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	1,865 (2016.)

60.	Sović, Irena; Orehovec, Iva; Stilinović, Vladimir; Basarić, Nikola; Karminski-Zamola, Grace. Benzothiazolyl- and benzimidazolyl-substituted 1-iminoisoindolines: synthesis, mechanistic studies and crystal structure determination. // <i>Monatshefte für Chemie</i> . <b>147</b> (2016); 10; 1825-1837	1,282 (2016.)	1,224 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
61.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . <b>28</b> (2016); 6; 1149-1169	2,851 (2016.)	2,431 (2016.)	CHEMISTRY, ANALYTICAL	Q2	1,985 (2016.)
				ELECTROCHEMISTRY	Q2	2,235 (2016.)
62.	Steinberg, Matthew; Tkalčec, Biserka; Murković Steinberg, Ivana. Towards a passive contactless sensor for monitoring resistivity in porous materials. // <i>Sensors and actuators. B, Chemical</i> . <b>234</b> (2016); 294-299	5,401 (2016.)	4,855 (2016.)	CHEMISTRY, ANALYTICAL	Q1	1,985 (2016.)
				ELECTROCHEMISTRY	Q1	2,235 (2016.)
				INSTRUMENTS & INSTRUMENTATION	Q1	1,527 (2016.)
63.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . <b>6</b> (2016); 27-32	1,768 (2016.)	2,116 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
64.	Šamec, Dunja; Valek-Žulj, Lidija; Martinez, Sanja; Grúz, Jiří; Piljac, Ante; Piljac-Žegarac, Jasenka. Phenolic acids significantly contribute to antioxidant potency of <i>Gynostemma pentaphyllum</i> aqueous and methanol extracts. // <i>Industrial crops and products</i> . <b>84</b> (2016); 104-107	3,181 (2016.)	3,577 (2016.)	AGRICULTURAL ENGINEERING	Q1	0,946 (2016.)
				AGRONOMY	Q1	0,916 (2016.)
65.	Škugor Rončević, Ivana; Metikoš-Huković, Mirjana; Buzuk, Marijo; Vladislavić, Nives. Effective and environmentally friendly nickel coating on the magnesium alloy. // <i>Metals</i> . <b>6</b> (2016); 316; 1-16	1,984 (2016.)	1,926 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	1,860 (2016.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	0,940 (2016.)
66.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of (1S, 2S)-1-phenylpropane-1, 2-diol by cell-free extract of <i>Lactobacillus brevis</i> . // <i>Green processing and synthesis</i> . <b>5</b> (2016); 153-161	0,782 (2016.)	-	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
				ENGINEERING, CHEMICAL	Q4	1,571 (2016.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q4	2,635 (2016.)
67.	Tomašegović, Tamara; Mahović Poljaček, Sanja; Leskovic, Mirela. UVA and UVC modification of photo polymeric surface and application for flexographic deposition of thin coatings. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43526-1-43526-12	1,860 (2016.)	1,727 (2016.)	POLYMER SCIENCE	Q2	1,565 (2016.)
68.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Konti, Jasminka. Recovery of flavonoids from grape skins by enzyme-assisted extraction. // <i>Separation science and technology</i> . <b>51</b> (2016); 2; 255-268	1,106 (2016.)	1,302 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)



69.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Solid-liquid extraction of phenolics from red grape skins. // <i>Acta chimica Slovenica</i> . <b>63</b> (2016); 2; 287-297	0,983 (2016.)	0,865 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
70.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Preiner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Multi-response optimisation of ultrasound-assisted extraction for recovery of flavonoids from red grape skins using response surface methodology. // <i>Phytochemical analysis</i> . <b>27</b> (2016); 1; 13-22	2,292 (2016.)	2,404 (2016.)	BIOCHEMICAL RESEARCH METHODS	Q3	2,438 (2016.)
				CHEMISTRY, ANALYTICAL	Q2	1,985 (2016.)
				PLANT SCIENCES	Q2	1,330 (2016.)
71.	Tomić, Tatjana; Milčić, Martina; Uzorinac Nasipak, Nada; Babić, Sandra. Determination of chloride and sulfate in bio-ethanol by ion chromatography. // <i>Indian journal of chemical technology</i> . <b>23</b> (2016); 65-70	0,568 (2016.)	0,817 (2016.)	CHEMISTRY, APPLIED	Q4	1,550 (2016.)
				ENGINEERING, CHEMICAL	Q4	1,571 (2016.)
72.	Ukrainczyk, Neven, Vrbos, Nevenka; Koenders, Eduardus A.B. Reuse of woody biomass ash waste in cementitious materials. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 2; 137-148	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
73.	Vrsaljko, Domagoj; Bao, Xujin. Compatibilization of PUR/PVAC polymer blend by addition of calcium carbonate filler. // <i>Polymer composites</i> . <b>37</b> (2016); 4; 1274-1281	2,324 (2016.)	2,121 (2016.)	MATERIALS SCIENCE, COMPOSITES	Q2	1,196 (2016.)
				POLYMER SCIENCE	Q2	1,565 (2016.)
74.	Vrsaljko, Domagoj; Grčić, Ivana; Guyon, Cédric; Schelcher, Guillaume; Tatoulian, Michael. Designing hydrophobicity of the PLA polymer blend surfaces by ICP Etching. // <i>Plasma processes and polymers</i> . <b>13</b> (2016); 869-878	2,846 (2016.)	2,926 (2016.)	PHYSICS, APPLIED	Q2	1,688 (2016.)
				PHYSICS, CONDENSED MATTER	Q2	2,059 (2016.)
				PHYSICS, FLUIDS & PLASMAS	Q1	1,652 (2016.)
				POLYMER SCIENCE	Q2	1,565 (2016.)
75.	Vuk, Dragana; Horváth, Ottó; Marinić, Željko; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton possessing one isolated double bond via photocatalytic oxygenation. // <i>Journal of molecular structure</i> . <b>1107</b> (2016); 70-76	1,753 (2016.)	1,561 (2016.)	CHEMISTRY, PHYSICAL	Q3	2,376 (2016.)
76.	Vurnek, Maja; Brozinčević, Andrijana; Briški, Felicita; Matoničkin Kepčija, Renata. Distributional patterns of fecal indicator bacteria in spring area of Plitvice Lakes National park. // <i>Periodicum biologorum</i> . <b>118</b> (2016); 1; 37-44	0,184 (2016.)	0,208 (2016.)	BIOLOGY	Q4	1,566 (2016.)
77.	Wittine, Karlo; Ratkaj, Ivana; Benci, Krešimir; Suhina, Tomislav; Mandić, Leo; Ilić, Nataša; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Mintas, Mladen. The novel coumarin[3, 2-c]thiophene and its hydroxamic acid and ureido derivatives : synthesis and cytostatic activity evaluations. // <i>Medicinal chemistry research</i> . <b>25</b> (2016); 4; 728-737	1,277 (2016.)	1,308 (2016.)	CHEMISTRY, MEDICINAL	Q4	2,526 (2016.)

78.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . <b>510</b> (2016); 169-175	2,714 (2016.)	2,838 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
-----	--	---------------	---------------	---------------------	----	---------------

WoS – 2017.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvartil	Medijan IF
1.	Bačić, Ivana; Mandić, Vilko; Ćurković, Lidija; Otmačić-Ćurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO <sub>2</sub> nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017), 1; 197-206	1,953 (2016.)	1,690 (2016.)	CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
				CHEMISTRY, PHYSICAL	Q3	2,376 (2016.)
				THERMODYNAMICS	Q2	1,508 (2016.)
2.	Begović Kovač, Erna; Hari, Vjerran. On the global convergence of the Jacobi method for symmetric matrices of order 4 under parallel strategies. // <i>Linear algebra and its applications</i> . <b>524</b> (2017); 199-234	0,973 (2016.)	1,076 (2016.)	MATHEMATICS	Q1	0,643 (2016.)
				MATHEMATICS, APPLIED	Q2	0,925 (2016.)
3.	Begović Kovač, Erna; Kressner, Daniel. Structure-preserving low multilinear rank approximation of antisymmetric tensors. // <i>SIAM journal on matrix analysis and applications</i> . <b>38</b> (2017), 3; 967-983	2,194 (2016.)	2,552 (2016.)	MATHEMATICS, APPLIED	Q1	0,925 (2016.)
4.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research international</i> . <b>24</b> (2017), 10; 9802-9812	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)
5.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . <b>186</b> (2017); 660-668	4,208 (2016.)	4,506 (2016.)	ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
6.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . <b>18</b> (2017), 11; 2292-1-2292-20	3,226 (2016.)	3,482 (2016.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,780 (2016.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	1,865 (2016.)
7.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . <b>41</b> (2017), 15; 7531-7543	3,269 (2016.)	3,103 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	1,865 (2016.)
8.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Bogusław. Buszewski, Bogusław.	0,962 (2016.)	1,177 (2016.)	CHEMISTRY, ANALYTICAL	Q4	1,985 (2016.)

	How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017) , 6; 1647-1651			FOOD SCIENCE & TECHNOLOGY	Q3	1,419 (2016.)
9.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017) , 19; 16172-16185	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)
10.	Bota, Josip; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017) , 5; 466-486	1,073 (2016.)	1,147 (2016.)	ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	1,860 (2016.)
				MECHANICS	Q3	1,652 (2016.)
11.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 417-424	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
12.	Botti, V.; Mazzucato, U.; Šindler-Kulyk, Marija; Spalletti A. Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyridin-n-yl)ethenyl]oxazole's (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 33-39	2,625 (2016.)	2,493 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
13.	Brnardić, Ivan; Ćurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017) , 7; 1600509-1-1600509-9	1,473 (2016.)	1,881 (2016.)	ENVIRONMENTAL SCIENCES	Q3	1,826 (2016.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q4	2,635 (2016.)
				MARINE & FRESHWATER BIOLOGY	Q3	1,500 (2016.)
				WATER RESOURCES	Q3	1,603 (2016.)
14.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . 181 (2017) , 3; 948-960	1,751 (2016.)	1,811 (2016.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q4	2,780 (2016.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,116 (2016.)
15.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 136 (2017) ; 468-479	4,519 (2016.)	4,187 (2016.)	CHEMISTRY, MEDICINAL	Q1	2,526 (2016.)

16.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . <b>26</b> (2017), 9; 2024-2037	1,277 (2016.)	1,308 (2016.)	CHEMISTRY, MEDICINAL	Q4	2,526 (2016.)
17.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . <b>139</b> (2017); 139-149	3,743 (2016.)	3,577 (2016.)	ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
				TOXICOLOGY	Q1	2,327 (2016.)
18.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . <b>20</b> (2017), 1; 20160172-1-20160172-14	0,564 (2016.)	0,716 (2016.)	CHEMISTRY, PHYSICAL	Q4	2,376 (2016.)
19.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . <b>24</b> (2017), 25; 20521-20539	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)
20.	Čizmić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . <b>323</b> (2017), Part A; 500-512	6,065 (2016.)	6,393 (2016.)	ENGINEERING, CIVIL	Q1	1,353 (2016.)
				ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
21.	Čurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>48</b> (2017), 8; 797-802	0,524 (2016.)	0,574 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	1,860 (2016.)
22.	Dolar, Davor; Drašinac, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . <b>134</b> (2017), 5; 44426-1-44426-12	1,860 (2016.)	1,727 (2016.)	POLYMER SCIENCE	Q2	1,565 (2016.)
23.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . <b>116</b> (2017); 13-22	6,942 (2016.)	7,715 (2016.)	ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
				WATER RESOURCES	Q1	1,603 (2016.)
24.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017), 4; 375-383	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)

25.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . <b>60</b> (2017) , 6; 1063-1069	1,685 (2016.)	1,756 (2016.)	ENGINEERING, MECHANICAL	Q2	1,421 (2016.)
26.	Faraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . <b>132</b> (2017) ; 325-341	3,684 (2016.)	3,740 (2016.)	POLYMER SCIENCE	Q1	1,565 (2016.)
27.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by <sup>1</sup> H NMR spectroscopy. // <i>Energy &amp; fuels</i> . <b>31</b> (2017) , 4; 3943-3948	3,091 (2016.)	3,625 (2016.)	ENERGY & FUELS	Q2	2,203 (2016.)
				ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
28.	Ghoufi, Aziz; Dražević, Emil; Szymczyk, Anthony. Interactions of organics within hydrated selective layer of reverse osmosis desalination membrane: a combined experimental and computational study. // <i>Environmental science &amp; technology</i> . <b>51</b> (2017) , 5; 2714-2719	6,198 (2016.)	6,960 (2016.)	ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
29.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO <sub>2</sub> photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . <b>7</b> (2017) , 12; 412-1-412-16	3,553 (2016.)	4,100 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	1,860 (2016.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	2,535 (2016.)
30.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 21; 12746-12755	3,269 (2016.)	3,103 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	1,865 (2016.)
31.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO <sub>2</sub> on UV degradation behavior of TiO <sub>2</sub> reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 297-306	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
32.	Govorčin Bajsić, Emi; Filipan, Veljko; Ocelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 8; 2939-2955	1,430 (2016.)	1,401 (2016.)	POLYMER SCIENCE	Q3	1,565 (2016.)
33.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial	1,631 (2016.)	1,643 (2016.)	ENGINEERING, CHEMICAL	Q2	1,571 (2016.)

	TiO <sub>2</sub> under artificial solar and visible irradiation using 17 $\beta$ -estradiol as model micropollutant. // <i>Desalination and water treatment</i> . <b>67</b> (2017) ; 300-308			WATER RESOURCES	Q2	1,603 (2016.)
34.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO <sub>2</sub> -chitosan coating on textile. // <i>Progress in organic coatings</i> . <b>105</b> (2017) ; 277-285	2,858 (2016.)	2,903 (2016.)	CHEMISTRY, APPLIED	Q1	1,550 (2016.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,347 (2016.)
35.	Grčić, Ivana; Koprivanac, Natalija; Andričević, Roko. Reliability study of laboratory scale water treatment by advanced oxidation processes. // <i>Environmental engineering and management journal</i> . <b>16</b> (2017) , 1; 1-13	1,096 (2016.)	0,849 (2016.)	ENVIRONMENTAL SCIENCES	Q4	1,826 (2016.)
36.	Grčić, Ivana; Li Puma, Gianluca. Six-flux absorption-scattering models for photocatalysis under wide-spectrum irradiation sources in annular and flat reactors using catalysts with different optical properties. // <i>Applied catalysis. B, Environmental</i> . <b>211</b> (2017) ; 222-234	9,446 (2016.)	8,870 (2016.)	CHEMISTRY, PHYSICAL	Q1	2,376 (2016.)
				ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
				ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
37.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 1247-1267	4,519 (2016.)	4,187 (2016.)	CHEMISTRY, MEDICINAL	Q1	2,526 (2016.)
38.	Hari, Vjeran; Begović Kovač, Erna. Convergence of the cyclic and quasi-cyclic block Jacobi methods. // <i>Electronic transactions on numerical analysis</i> . <b>46</b> (2017) ; 107-147	0,925 (2016.)	0,987 (2016.)	MATHEMATICS, APPLIED	Q3	0,925 (2016.)
39.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . <b>71</b> (2017) ; 13-20	1,258 (2016.)	1,194 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
40.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . <b>142</b> (2017) ; 108-115	3,473 (2016.)	3,417 (2016.)	CHEMISTRY, APPLIED	Q1	1,550 (2016.)
				ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
				MATERIALS SCIENCE, TEXTILES	Q1	0,585 (2016.)
41.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Sjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . <b>178</b> (2017) ; 225-233	2,536 (2016.)	2,346 (2016.)	SPECTROSCOPY	Q2	1,731 (2016.)

42.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . <b>41</b> (2017), 1; 358-371	3,269 (2016.)	3,103 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	1,865 (2016.)
43.	Jakovljević, Suzana; Alar, Vesna; Ivanković, Antonio. Electrochemical behaviour of PACVD TiN-coated CoCrMo medical alloy. // <i>Metals</i> . <b>7</b> (2017), 7; 231-1-231-14	1,984 (2016.)	1,926 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	1,860 (2016.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	0,940 (2016.)
44.	Jelčić, Želimir; Maduna, Karolina; Zrnčević, Stanka. Kinetics of catalytic peroxide oxidation of phenol over three-dimensional fractals. // <i>Industrial &amp; engineering chemistry research</i> . <b>56</b> (2017), 45; 12994-13009	2,843 (2016.)	3,027 (2016.)	ENGINEERING, CHEMICAL	Q2	1,571 (2016.)
45.	Jelčić, Želimir; Ocelić Bulatović, Vesna; Jurkaš Marković, Kristina; Rek, Vesna. Multi-fractal morphology of un-aged and aged SBS polymer-modified bitumen. // <i>Plastics, rubber and composites</i> . <b>46</b> (2017), 2; 77-98	0,660 (2016.)	0,749 (2016.)	MATERIALS SCIENCE, COMPOSITES	Q4	1,196 (2016.)
				POLYMER SCIENCE	Q4	1,565 (2016.)
46.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . <b>56</b> (2017); 270-276	4,421 (2016.)	3,949 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	1,865 (2016.)
				ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
47.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . <b>81</b> (2017); 170-185	1,631 (2016.)	1,643 (2016.)	ENGINEERING, CHEMICAL	Q2	1,571 (2016.)
				WATER RESOURCES	Q2	1,603 (2016.)
48.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . <b>52</b> (2017), 5; 864-875	1,106 (2016.)	1,302 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
49.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . <b>182</b> (2017), 4; 1575-1590	1,751 (2016.)	1,811 (2016.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q4	2,780 (2016.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,116 (2016.)
50.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Mathew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . <b>246</b> (2017); 455-460	5,401 (2016.)	4,855 (2016.)	CHEMISTRY, ANALYTICAL	Q1	1,985 (2016.)
				ELECTROCHEMISTRY	Q1	2,235 (2016.)
				INSTRUMENTS & INSTRUMENTATION	Q1	1,527 (2016.)

51.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 401-411	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
52.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 385-394	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
53.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . <b>642</b> (2017) , 1; 29-37	0,571 (2016.)	0,666 (2016.)	CRYSTALLOGRAPHY	Q4	1,840 (2016.)
54.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Electronic structure and redox behavior of tin sulfide films potentiostatically formed on tin. // <i>Journal of the electrochemical society</i> . <b>164</b> (2017) , 7; C383-C389	3,259 (2016.)	3,307 (2016.)	ELECTROCHEMISTRY	Q2	2,235 (2016.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,347 (2016.)
55.	Klarić, Miljenko; Pervan, Stjepan; Biošić, Martina. Influence of lyophilisation and oven-drying on extraction yield of oregonin from European black alder ( <i>Alnus glutinosa</i> (L.) Gaertn.) Bark. // <i>Drvna industrija : znanstveno-stručni časopis za pitanja drvne tehnologije</i> . <b>68</b> (2017) , 3; 205-210	0,712 (2016.)	0,709 (2016.)	MATERIALS SCIENCE, PAPER & WOOD	Q3	0,763 (2016.)
56.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO <sub>2</sub> -SnS <sub>2</sub> nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 24; 19965-19979	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)
57.	Kraljić Roković, Marijana; Ljubek, Gabrijele; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO <sub>2</sub> for supercapacitor application. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 289-295	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
58.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO <sub>2</sub> nanocomposites for food packaging. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 4; 1387-1404	1,430 (2016.)	1,401 (2016.)	POLYMER SCIENCE	Q3	1,565 (2016.)
59.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 369-374	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)



60.	Kučić, Dajana; Simonič, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 497-507	0,923 (2016.)	0,960 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
61.	Kukučka, Miroslav; Kukučka Stojanović, Nikoleta; Foglar, Lucija. Enhancement of synthetic zeolite (Crystal-Right) adsorption characteristics toward NH <sub>4</sub> <sup>+</sup> by regeneration. // <i>Desalination and water treatment</i> . <b>80</b> (2017) ; 326-336	1,631 (2016.)	1,643 (2016.)	ENGINEERING, CHEMICAL	Q2	1,571 (2016.)
				WATER RESOURCES	Q2	1,603 (2016.)
62.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . <b>196</b> (2017) ; 194-204	2,084 (2016.)	2,283 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	1,860 (2016.)
63.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . <b>37</b> (2017) , 9; 3137-3149	3,454 (2016.)	3,345 (2016.)	MATERIALS SCIENCE, CERAMICS	Q1	0,756 (2016.)
64.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovic, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO <sub>2</sub> nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 399-408	1,953 (2016.)	1,690 (2016.)	CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
				CHEMISTRY, PHYSICAL	Q3	2,376 (2016.)
				THERMODYNAMICS	Q2	1,508 (2016.)
65.	Meščić, Andriana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . <b>7</b> (2017) , 2; 791-800	3,108 (2016.)	3,257 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	1,865 (2016.)
66.	Metikoš-Huković, Mirjana; Katić, Jozefina; Grubač, Zoran; Škugor-Rončević, Ivana. Electrochemistry of CoCrMo implant in Hanks' solution and Mott-Schottky probe of alloy's passive films. // <i>Corrosion</i> . <b>73</b> (2017) , 12; 1401-1412	1,661 (2016.)	1,544 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	1,860 (2016.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	0,940 (2016.)
67.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 11; 10091-10106	2,741 (2016.)	3,023 (2016.)	ENVIRONMENTAL SCIENCES	Q2	1,826 (2016.)
68.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . <b>45</b> (2017) , 7; 1700082-1-1700082-14	1,473 (2016.)	1,881 (2016.)	ENVIRONMENTAL SCIENCES	Q3	1,826 (2016.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q4	2,635 (2016.)
				MARINE & FRESHWATER BIOLOGY	Q3	1,500 (2016.)

				WATER RESOURCES	Q3	1,603 (2016.)
69.	Ocelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . <b>32</b> (2017) , 1; 102-111	0,634 (2016.)	0,656 (2016.)	ENGINEERING, CHEMICAL	Q4	1,571 (2016.)
				POLYMER SCIENCE	Q4	1,565 (2016.)
70.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electrodialysis. // <i>Biochemical engineering journal</i> . <b>125</b> (2017) ; 221-229	2,892 (2016.)	2,934 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,116 (2016.)
				ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
71.	Panjičko, Mario; Zupančič, Gregor Drago; Fanel, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . <b>166</b> (2017) ; 519-529	5,715 (2016.)	6,207 (2016.)	ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,635 (2016.)
72.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 722-735	4,519 (2016.)	4,187 (2016.)	CHEMISTRY, MEDICINAL	Q1	2,526 (2016.)
73.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 145-154	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
74.	Plavac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>120</b> (2017) , 1; 385-401	1,264 (2016.)	1,143 (2016.)	CHEMISTRY, PHYSICAL	Q4	2,376 (2016.)
75.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 187-195	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
76.	Racané, Livio; Sedić, Mirela; Ilić, Nataša; Aleksić, Maja; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Novel 2-thienyl- and 2-benzothienyl-	2,598 (2016.)	2,714 (2016.)	CHEMISTRY, MEDICINAL	Q2	2,526 (2016.)

	substituted 6-(2-imidazolyl)benzothiazoles: synthesis; in vitro evaluation of antitumor effects and assessment of mitochondrial toxicity. // <i>Anti-cancer agents in medicinal chemistry</i> . <b>17</b> (2017) , 1; 57-66			ONCOLOGY	Q3	2,993 (2016.)
77.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . <b>188</b> (2017) ; 140-146	3,359 (2016.)	3,843 (2016.)	ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
78.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . <b>105</b> (2017) ; 386-392	2,905 (2016.)	3,119 (2016.)	ENGINEERING, CHEMICAL	Q1	1,571 (2016.)
				ENGINEERING, ENVIRONMENTAL	Q2	1,909 (2016.)
79.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . <b>181</b> (2017) ; 485-491	4,208 (2016.)	4,506 (2016.)	ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
80.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . <b>9</b> (2017) , 9; 387-1-387-14	3,364 (2016.)	4,330 (2016.)	POLYMER SCIENCE	Q1	1,565 (2016.)
81.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . <b>166</b> (2017) ; 173-182	4,811 (2016.)	5,130 (2016.)	CHEMISTRY, APPLIED	Q1	1,550 (2016.)
				CHEMISTRY, ORGANIC	Q1	2,101 (2016.)
				POLYMER SCIENCE	Q1	1,565 (2016.)
82.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . <b>82</b> (2017) , 4; 411-416	0,822 (2016.)	1,015 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
83.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . <b>9</b> (2017) ; 2305-2314	1,900 (2016.)	1,893 (2016.)	CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
				FOOD SCIENCE & TECHNOLOGY	Q2	1,419 (2016.)
				SPECTROSCOPY	Q2	1,731 (2016.)

84.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO <sub>2</sub> -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>333</b> (2017) ; 117-129	2,625 (2016.)	2,493 (2016.)	CHEMISTRY, PHYSICAL	Q2	2,376 (2016.)
85.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borna; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . <b>52</b> (2017) , 16; 2557-2572	1,106 (2016.)	1,302 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
				ENGINEERING, CHEMICAL	Q3	1,571 (2016.)
86.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 197-205	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
87.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . <b>2017</b> (2017) , 26; 3787-3794	2,834 (2016.)	2,762 (2016.)	CHEMISTRY, ORGANIC	Q2	2,101 (2016.)
88.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . <b>13</b> (2017) , 13; 2352-2363	2,337 (2016.)	2,705 (2016.)	CHEMISTRY, ORGANIC	Q2	2,101 (2016.)
89.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . <b>21</b> (2017) , 1; 201-210	1,752 (2016.)	1,966 (2016.)	CHEMISTRY, APPLIED	Q2	1,550 (2016.)
				CHEMISTRY, MEDICINAL	Q3	2,526 (2016.)
				CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
90.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Ćurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science</i> . <b>52</b> (2017) , 5; 2591-2604	2,599 (2016.)	2,522 (2016.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	1,860 (2016.)
91.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 371-380	1,953 (2016.)	1,690 (2016.)	CHEMISTRY, ANALYTICAL	Q3	1,985 (2016.)
				CHEMISTRY, PHYSICAL	Q3	2,376 (2016.)
				THERMODYNAMICS	Q2	1,508 (2016.)

92.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Atrial fibrillation and risk of cardiovascular events and mortality in patients with symptomatic peripheral artery disease: A meta-analysis of prospective studies. // <i>Clinical cardiology</i> . <b>40</b> (2017), 12; 1231-1235	2,757 (2016.)	2,408 (2016.)	CARDIAC & CARDIOVASCULAR SYSTEMS	Q2	2,325 (2016.)
93.	Vrsalović, Mislav; Vučur, Ksenija, Vrsalović Presečki, Ana; Fabijanić, Damir; Milošević, Milan. Impact of diabetes on mortality in peripheral artery disease: a meta-analysis. // <i>Clinical cardiology</i> . <b>40</b> (2017), 5; 287-291	2,757 (2016.)	2,408 (2016.)	CARDIAC & CARDIOVASCULAR SYSTEMS	Q2	2,325 (2016.)
94.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . <b>21</b> (2017), 3; 621-636	1,752 (2016.)	1,966 (2016.)	CHEMISTRY, APPLIED	Q2	1,550 (2016.)
				CHEMISTRY, MEDICINAL	Q3	2,526 (2016.)
				CHEMISTRY, MULTIDISCIPLINARY	Q3	1,865 (2016.)
95.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . <b>38</b> (2017), 1; 65-77	1,751 (2016.)	1,760 (2016.)	ENVIRONMENTAL SCIENCES	Q3	1,826 (2016.)
96.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiofene and Thienothiofene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatia chemica acta</i> . <b>90</b> (2017), 3; 413-424	0,586 (2016.)	0,832 (2016.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	1,865 (2016.)
97.	Zupančić, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . <b>55</b> (2017), 2; 187-196	0,891 (2016.)	1,349 (2016.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,116 (2016.)
				FOOD SCIENCE & TECHNOLOGY	Q3	1,419 (2016.)

#### SCOPUS – 2016.

1.	Bačić, Ivana; Otmačić Ćurković, Helena; Ćurković, Lidija; Mandić, Vilko; Šokčević, Zrinka. Corrosion protection of AISI 316L stainless steel with the sol-gel yttria stabilized ZrO <sub>2</sub> films: effects of sintering temperature and doping. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 9192-9205	1,692 (2015.)	Chemistry
2.	Belščak-Cvitanović, Ana; Bušić, Arijana; Barišić, Lidija; Vrsaljko, Domagoj; Karlović, Sven; Špoljarić, Igor; Vojvodić, Aleksandra; Mršić, Gordan; Komes, Draženka. Emulsion templated microencapsulation of dandelion ( <i>Taraxacum officinale</i> L.) polyphenols and β-carotene by ionotropic gelation of alginate and pectin. // <i>Food hydrocolloids</i> . <b>57</b> (2016); 139-152	3,858 (2015.)	Agricultural and Biological Sciences
			Chemical Engineering
3.	Botti, Valentina; Elisei, Fausto; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Effect of the positional isomerism on the photoreactivity of styryloxazoles. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>316</b> (2016); 95-103	2,477 (2015.)	Physics and Astronomy
			Chemical Engineering
			Chemistry

4.	Botti, Valentina; Elisei, Fausto; Faraguna, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, $\pi^*$ states on the photoreactivity of 5-[2-(pyrid-n-yl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>329</b> (2016); 262-272	2,477 (2015.)	Physics and Astronomy
			Chemical Engineering
			Chemistry
5.	Brajša, Karmen; Vujasinović, Ines; Jelić, Dubravko; Trzun, Marija; Zlatar, Ivo; Karminski-Zamola, Grace; Hranjec, Marijana. Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1, 2-a]quinoline derivatives tested in 2D and 3D cell culture systems. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . <b>31</b> (2016); 6; 1139-1145	3,428 (2015.)	Pharmacology, Toxicology and Pharmaceutics
6.	Brlenić, Valentina; Kušić, Hrvoje; Juretić, Daria; Lončarić Božić, Ana. Comparative study on photooxidative treatment of diclofenac; response surface and mechanistic modeling. // <i>Journal of water process engineering</i> . <b>10</b> (2016); 78-88	-	Engineering
			Environmental Science
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
7.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016);11; 3053-3059	2,327 (2015.)	Engineering
			Physics and Astronomy
			Materials Science
			Chemistry
8.	Ćurković, Mario; Sipos, Laszlo; Puntarić, Dinko; Dodig-Ćurković, Katarina; Pivac, Nela; Kralik, Kristina. Arsenic, copper, molybdenum, and selenium exposure through drinking water in rural Eastern Croatia. // <i>Polish journal of environmental studies</i> . <b>25</b> (2016); 3; 981-992	0,790 (2015.)	Environmental Science
9.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentesfria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- $\alpha$ ]quinolines for Candida spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology</i> . <b>163</b> (2016); 319-326	3,035 (2015.)	Physics and Astronomy
			Medicine
			Health Professions
			Biochemistry, Genetics and Molecular Biology
10.	Dolar, Davor; Košutić, Krešimir; Strmecky, Tea. Hybrid processes for treatment of landfill leachate: coagulation/UF/NF-RO and adsorption/UF/NF-RO. // <i>Separation and purification technology</i> . <b>168</b> (2016); 39-46	3,299 (2015.)	Chemistry
			Chemical Engineering
11.	Drljača, Dijana; Ašperger, Danijela; Ferenčak, Matea; Gavranić, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia</i> . <b>79</b> (2016); 209-223	1,332 (2015.)	Chemistry
			Biochemistry, Genetics and Molecular Biology
12.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal</i> . <b>84</b> (2016); 218-235	3,485 (2015.)	Physics and Astronomy
			Materials Science
			Chemistry
13.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production</i> . <b>112</b> (2016); 1106-1111	4,959 (2015.)	Engineering
			Environmental Science
			Business, Management and Accounting
			Energy
14.	Findrik, Zvezdana; Tusić, Marko; Vasić-Rački, Đurđa. Stabilization of D-amino acid oxidase via covalent immobilization and mathematical model of D-methionine oxidative deamination catalyzed by immobilized enzyme. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 93-102	0,675 (2015.)	Chemical Engineering
			Chemistry
			Biochemistry, Genetics and Molecular Biology
15.	Foglar, Lucija; Šiljeg, Mario; Babić, Ana-Marija. Use of ion exchange beads as a bacterial carrier for biodenitrification. // <i>Journal of the American water works association</i> . <b>108</b> (2016); 12; E624-E634	1,659 (2015.)	Environmental Science
			Chemistry

16.	Gazivoda Kraljević, Tatjana; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Stepanić, Višnja; Drenjančević, Domagoj; Talapkof, Jasminka; Raić-Malić, Silvana. Synthesis, in vitro anticancer and antibacterial activities and in silico studies of new 4- substituted 1, 2, 3-triazole-coumarin hybrids. // <i>European journal of medicinal chemistry</i> . <b>124</b> (2016); 794-808	3,902 (2015.)	Pharmacology, Toxicology and Pharmaceutics
			Chemistry
17.	Glasnović, Zvonimir; Margeta, Karmen; Premec, Krunoslav. Could Key Engine, as a new open-source for RES technology development, start the third industrial revolution?. // <i>Renewable &amp; sustainable energy reviews</i> . <b>57</b> (2016); 1194-1209	6,798 (2015.)	Energy
18.	Govorčin Bajsić, Emi; Mijović, Budimir; Vranješ Penava, Nina; Holjevac Grgurić, Tamara; Slouf, Miroslav; Zdraveva, Emilija. The effect of UV irradiation on the electrospun PCL/TiO <sub>2</sub> composites fibres. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43539-1-43539-9	1,866 (2015.)	Materials Science
			Chemistry
19.	Grčić, Ivana; Papić, Sanja. Sonochemical treatment of effluent originating from desulfurization process; validation of predictive models. // <i>Applied acoustics</i> . <b>103</b> (2016); 232-238	1,462 (2015.)	Physics and Astronomy
20.	Grubač, Zoran; Škugor Rončević, Ivana; Metikoš-Huković, Mirjana. Corrosion properties of the Mg alloy coated with polypyrrole films. // <i>Corrosion science</i> . <b>102</b> (2016); 310-316	5,154 (2015.)	Chemical Engineering
			Chemistry
			Materials Science
21.	Hajdari, Zana; Otmačić Čurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C145-C155	3,014 (2015.)	Materials Science
			Physics and Astronomy
			Energy
			Chemistry
22.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Čurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 14; C937-C944	3,014 (2015.)	Materials Science
			Physics and Astronomy
			Energy
			Chemistry
23.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO <sub>2</sub> nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 7660-7673	1,692 (2015.)	Chemistry
24.	Jakić, Miće; Stipanelov Vrandečić, Nataša; Očelić Bulatović, Vesna; Govorčin Bajsić, Emi. Miscibility of poly(vinyl chloride) with poly(ethylene oxide) of different molecular weights. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 61-71	0,675 (2015.)	Chemical Engineering
			Chemistry
			Biochemistry, Genetics and Molecular Biology
25.	Jansen, Helmut; Dejanović, Igor; Rietfort, Thomas; Olujić, Žarko. Dividing wall column as energy saving retrofit technology. // <i>Chemie Ingenieur Technik</i> . <b>88</b> (2016); 200-207	0,798 (2015.)	Engineering
			Chemical Engineering
			Chemistry
26.	Jelčić, Želimir; Očelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Relationship between fractal, viscoelastic and aging properties of linear and radial styrene-butadiene-styrene polymer-modified bitumen. // <i>Journal of elastomers and plastics</i> . <b>48</b> (2016); 1; 14-46	0,671 (2015.)	Materials Science
27.	Jelčić, Želimir; Mastelić Samardžić, Zrinka; Zrnčević, Stanka. Catalytic hydrogenation of 2-(1-Benzyl-1,2,3,6-tetrahydropyridin-4-yl)methylene)-5,6-dimethoxy-2,3-dihydroindolen-1-one hydrochloride: fractal-like and Weibull model kinetics. // <i>Industrial &amp; engineering chemistry research</i> . <b>55</b> (2016); 3890-3899	2,567 (2015.)	Engineering
			Chemical Engineering
			Chemistry
28.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>321</b> (2016); 238-247	2,477 (2015.)	Physics and Astronomy
			Chemical Engineering
			Chemistry

29.	Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Marin, Vedrana; Lončarić Božić, Ana. Comparative analysis of UV-C/H <sub>2</sub> O <sub>2</sub> and UV-A/TiO <sub>2</sub> processes for the degradation of diclofenac in water. // <i>Reaction kinetics, mechanisms and catalysis</i> . <b>118</b> (2016); 451-462	1,265 (2015.)	Chemistry
			Chemical Engineering
30.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Semiconducting properties of the oxide films formed on tin: Capacitive and XPS studies. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C221-C227	3,014 (2015.)	Materials Science
			Physics and Astronomy
			Energy
			Chemistry
31.	Kereković, Irena; Wittine, Karlo. Properties of gold electrode modified with dimercaptosuccinic acid and electrochemical behavior of copper histidine complex. // <i>Journal of analytical chemistry</i> . <b>71</b> (2016); 3; 276-282	0,694 (2015.)	Chemistry
32.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Čurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . <b>123</b> (2016); 1; 421-430	1,781 (2015.)	Physics and Astronomy
			Chemistry
33.	Koričić, Krešimir; Kušić, Hrvoje; Koprivanac, Natalija; Papić, Sanja. Mineralization of salicylic acid in water by catalytic ozonation. // <i>Environmental engineering and management journal</i> . <b>15</b> (2016); 1; 151-166	1,008 (2015.)	Environmental Science
34.	Kovačić, Marin; Salaeh, Subhan; Kušić, Hrvoje; Suligoj, Andraz; Kete, Marko; Fanetti, Mattia; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Solar-driven photocatalytic treatment of diclofenac using immobilized TiO <sub>2</sub> -based zeolite composites. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 17982-17994	2,760 (2015.)	Environmental Science
35.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 15; 14908-14917	2,760 (2015.)	Environmental Science
36.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Kratožil Krehula, Ljerka; Musić, Svetozar. The effects of In <sup>3+</sup> doping on the properties of precipitated goethite. // <i>Journal of alloys and compounds</i> . <b>658</b> (2016); 41-48	3,014 (2015.)	Engineering
			Materials Science
37.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 24; 10959-10968	1,272 (2015.)	Engineering
			Environmental Science
38.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . <b>2016</b> (2016); 7274949-1-7274949-8	1,758 (2015.)	Materials Science
39.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . <b>124</b> (2016); 2; 645-655	1,781 (2015.)	Physics and Astronomy
			Chemistry
40.	Maduna Valkaj, Karolina; Tomašić, Vesna; Katović, Andrea; Bielańska, ElżBieta. Synthesis and characterization of Cu-MFI catalyst for the direct medium temperature range NO decomposition. // <i>Materials science-Poland</i> . <b>34</b> (2016); 177-184	0,533 (2015.)	Engineering
			Materials Science
			Physics and Astronomy
41.	Mandić, Vilko; Tkalčec, Emilija; Popović, Jasminka; Kurajica, Stanislav; Schmauch, Jorg. Crystallization pathway of sol-gel derived zinc-doped mullite precursors. // <i>Journal of the European ceramic society</i> . <b>36</b> (2016); 5; 1285-1292	2,933 (2015.)	Materials Science



42.	Margeta, Dunja; Grčić, Ivana; Papić, Sanja; Sertić-Bionda, Katica; Foglar, Lucija. Impact of ultrasound application on oxidative desulfurization of diesel fuel and on treatment of resulting wastewater. // <i>Environmental technology</i> . <b>37</b> (2016); 3, 1; 293-299	1,760 (2015.)	Environmental Science
43.	Margeta, Dunja; Sertić-Bionda, Katica; Foglar, Lucija. Ultrasound assisted oxidative desulfurization of model diesel fuel. // <i>Applied acoustics</i> . <b>103</b> (2016); 202-206	1,462 (2015.)	Physics and Astronomy
44.	Margeta, Dunja; Ujević Andrijić, Željka; Sertić-Bionda, Katica. Prediction of dibenzothiophene conversion in the ultrasound assisted oxidative desulfurization process by regression model and neural network. // <i>Petroleum science and technology</i> . <b>34</b> (2016); 21; 1797-1802	0,418 (2015.)	Earth and Planetary Sciences Energy Chemical Engineering Chemistry
45.	Matijašević, Ljubica; Petrić, Marija. Integration of hydrogen systems in petroleum refinery. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 3; 291-304	0,675 (2015.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology
46.	Mimica Tkalčec, Marijana; Bistričić, Lahorija; Leskovac, Mirela. Influence of adhesive layer on the stability of kozo paper. // <i>Cellulose</i> . <b>23</b> (2016); 1; 853-872	3,195 (2015.)	Materials Science
47.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . <b>200</b> (2016); 98-106	4,052 (2015.)	Medicine Agricultural and Biological Sciences Chemistry
48.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>122</b> (2016); 530-545	3,902 (2015.)	Pharmacology, Toxicology and Pharmaceutics Chemistry
49.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 417-482	-	Chemical Engineering Chemistry
50.	Planinić, Mirela; Zelić, Bruno; Čubel, Ivan; Bucić-Kojić, Ana; Tišma, Marina. Corn forage biological pretreatment by <i>Trametes versicolor</i> in a tray bioreactor. // <i>Waste management &amp; research</i> . <b>34</b> (2016); 8; 802-809	1,338 (2015.)	Environmental Science
51.	Plavac, Bojan; Sutlović, Igor; Filipan, Veljko. Flexibility of mechanical biological treatment plants. // <i>Tehnički vjesnik-Technical gazette</i> . <b>23</b> (2016); 6; 1871-1877	0,464 (2015.)	Engineering
52.	Ptiček Siročić, Anita; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 4; 501-509	0,675 (2015.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology
53.	Pustak, Anđela; Denac, Matjaž; Leskovac, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Structure and morphology of silica-reinforced polypropylene composites modified with m-EPR copolymers. // <i>Journal of polymer research</i> . <b>23</b> (2016); 2; 37-1-37-12	1,969 (2015.)	Materials Science Chemistry
54.	Rešček, Ana; Ščetar, Mario; Hrnjak-Murgić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . <b>55</b> (2016); 14; 1450-1459	1,511 (2015.)	Materials Science Chemical Engineering

55.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . <b>98</b> (2016); 172-181	3,586 (2015.)	Materials Science
			Chemistry
56.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> <b>44</b> (2016); 4; 1107-1119	2,887 (2015.)	Engineering
57.	Rogošić, Marko; Sander, Aleksandra; Kojić, Vedran; Parlov Vuković, Jelena. Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). // <i>Fluid phase equilibria</i> . <b>412</b> (2016); 39-50	1,846 (2015.)	Physics and Astronomy
			Chemical Engineering
			Chemistry
58.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . <b>123</b> (2016); 42-52	3,169 (2015.)	Pharmacology, Toxicology and Pharmaceutics
			Chemistry
			Biochemistry, Genetics and Molecular Biology
59.	Sačur, Denis; Čapeta, Davor; Šrut Rakić, Iva; Peter, Robert; Petravić, Mladen; Kraljić Roković, Marijana. Tailoring polypyrrole supercapacitive properties by intercalation of graphene oxide within the layer. // <i>Electrochimica acta</i> . <b>193</b> (2016); 311-320	4,803 (2015.)	Chemical Engineering
			Chemistry
60.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO <sub>2</sub> -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . <b>304</b> (2016); 289-302	5,310 (2015.)	Engineering
			Chemical Engineering
			Chemistry
			Environmental Science
61.	Sander, Aleksandra; Rogošić, Marko; Slivar, Anamarija; Žuteg, Barbara. Separation of hydrocarbons by means of liquid-liquid extraction with deep eutectic solvents. // <i>Solvent extraction and ion exchange</i> . <b>34</b> (2016); 1; 86-98	1,969 (2015.)	Chemical Engineering
			Chemistry
62.	Sović, Irena; Orehovec, Iva; Stilinović, Vladimir; Basarić, Nikola; Karminski-Zamola, Grace. Benzothiazolyl- and benzimidazolyl-substituted 1-iminoisoindolines: synthesis, mechanistic studies and crystal structure determination. // <i>Monatshefte für Chemie</i> . <b>147</b> (2016); 10; 1825-1837	1,131 (2015.)	Chemistry
63.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . <b>28</b> (2016); 6; 1149-1169	2,471 (2015.)	Chemistry
64.	Steinberg, Matthew; Tkalčec, Biserka; Murković Steinberg, Ivana. Towards a passive contactless sensor for monitoring resistivity in porous materials. // <i>Sensors and actuators. B, Chemical</i> . <b>234</b> (2016); 294-299	4,758 (2015.)	Physics and Astronomy
			Materials Science
			Engineering
65.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . <b>6</b> (2016); 27-32	1,942 (2015.)	Chemical Engineering
			Chemistry
66.	Šamec, Dunja; Valek-Žulj, Lidija; Martinez, Sanja; Grúz, Jifi; Piljac, Ante; Piljac-Žegarac, Jasenka. Phenolic acids significantly contribute to antioxidant potency of <i>Gynostemma pentaphyllum</i> aqueous and methanol extracts. // <i>Industrial crops and products</i> . <b>84</b> (2016); 104-107	3,449 (2015.)	Agricultural and Biological Sciences

67.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO <sub>2</sub> te kompozita MnO <sub>2</sub> /polipirol. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 127-136	-	Chemical Engineering
			Chemistry
68.	Škugor Rončević, Ivana; Metikoš-Huković, Mirjana; Buzuk, Marijo; Vladislavić, Nives. Effective and environmentally friendly nickel coating on the magnesium alloy. // <i>Metals</i> . <b>6</b> (2016); 316; 1-16	1,574 (2015.)	Materials Science
69.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of (1S, 2S)-1- phenylpropane-1, 2-diol by cell-free extract of <i>Lactobacillus brevis</i> . // <i>Green processing and synthesis</i> . <b>5</b> (2016); 153-161	1,291 (2015.)	Engineering
			Chemical Engineering
			Energy
70.	Tomašegović, Tamara; Mahović Poljaček, Sanja; Leskovac, Mirela. UVA and UVC modification of photo polymeric surface and application for flexographic deposition of thin coatings. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43526-1-43526-12	1,866 (2015.)	Environmental Science
			Materials Science
71.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Recovery of flavonoids from grape skins by enzyme-assisted extraction. // <i>Separation science and technology</i> . <b>51</b> (2016); 2; 255-268	1,083 (2015.)	Chemistry
			Chemical Engineering
72.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Solid-liquid extraction of phenolics from red grape skins. // <i>Acta chimica Slovenica</i> . <b>63</b> (2016); 2; 287-297	1,167 (2015.)	Chemistry
73.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Preiner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Multi-response optimisation of ultrasound-assisted extraction for recovery of flavonoids from red grape skins using response surface methodology. // <i>Phytochemical analysis</i> . <b>27</b> (2016); 1; 13-22	2,497 (2015.)	Medicine
			Agricultural and Biological Sciences
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
74.	Tomić, Tatjana; Milčić, Martina; Uzorinac Nasipak, Nada; Babić, Sandra. Determination of chloride and sulfate in bio-ethanol by ion chromatography. // <i>Indian journal of chemical technology</i> . <b>23</b> (2016); 65-70	0,491 (2015.)	Chemical Engineering
			Chemistry
75.	Ukrainczyk, Neven, Vrbos, Nevenka; Koenders, Eduardus A.B. Reuse of woody biomass ash waste in cementitious materials. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 2; 137-148	0,675 (2015.)	Chemical Engineering
			Chemistry
			Biochemistry, Genetics and Molecular Biology
76.	Vrsaljko, Domagoj; Bao, Xujin. Compatibilization of PUR/PVAC polymer blend by addition of calcium carbonate filler. // <i>Polymer composites</i> . <b>37</b> (2016); 4; 1274-1281	2,004 (2015.)	Materials Science
			Chemistry
77.	Vrsaljko, Domagoj; Grčić, Ivana; Guyon, Cédric; Schelcher, Guillaume; Tatoulian, Michael. Designing hydrophobicity of the PLA polymer blend surfaces by ICP Etching. // <i>Plasma processes and polymers</i> . <b>13</b> (2016); 869-878	2,713 (2015.)	Physics and Astronomy
			Materials Science
78.	Vuk, Dragana; Horváth, Ottó; Marinić, Željko; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton possessing one isolated double bond via photocatalytic oxygenation. // <i>Journal of molecular structure</i> . <b>1107</b> (2016); 70-76	1,780 (2015.)	Chemistry
79.	Vurnek, Maja; Brozinčević, Andrijana; Briški, Felicita; Matoničkin Kepčija, Renata. Distributional patterns of fecal indicator bacteria in spring area of Plitvice Lakes National park. // <i>Periodicum biologorum</i> . <b>118</b> (2016); 1; 37-44	0,152 (2015.)	Medicine
			Agricultural and Biological Sciences
			Biochemistry, Genetics and Molecular Biology
80.	Wedegge, Kristina; Dražević, Emil; Konya, Denes; Bentien, Anders. Organic redox species in aqueous flow batteries: redox potentials, chemical stability and solubility. // <i>Scientific reports</i> . <b>6</b> (2016); Article Number: 39101	5,228 (2015.)	Multidisciplinary

81.	Wittine, Karlo; Ratkaj, Ivana; Benci, Krešimir; Suhina, Tomislav; Mandić, Leo; Ilić, Nataša; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Mintas, Mladen. The novel coumarin[3, 2-c]thiophene and its hydroxamic acid and ureido derivatives : synthesis and cytostatic activity evaluations. // <i>Medicinal chemistry research</i> . <b>25</b> (2016); 4; 728-737	1,436 (2015.)	Pharmacology, Toxicology and Pharmaceutics Chemistry
82.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . <b>510</b> (2016); 169-175	2,760 (2015.)	Chemical Engineering
83.	Žužić, Andreja; Filipan, Veljko. Absorption cooling devices with LiBr/H <sub>2</sub> O as working media. // <i>Chemical engineering transactions</i> . <b>52</b> (2016); 61-66	-	Chemical Engineering

### SCOPUS – 2017.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Čizmić, Mirta. TiO <sub>2</sub> assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . <b>6</b> (2017) ; 34-41	-	Chemical Engineering Chemistry Environmental Science
2.	Bačić, Ivana; Mandić, Vilko; Ćurković, Lidija; Otmačić-Ćurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO <sub>2</sub> nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 197-206	1,953 (2016.)	Physics and Astronomy Chemistry
3.	Begović Kovač, Erna; Hari, Vjeran. On the global convergence of the Jacobi method for symmetric matrices of order 4 under parallel strategies. // <i>Linear algebra and its applications</i> . <b>524</b> (2017) ; 199-234	0,973 (2016.)	Mathematics
4.	Begović Kovač, Erna; Kressner, Daniel. Structure-preserving low multilinear rank approximation of antisymmetric tensors. // <i>SIAM journal on matrix analysis and applications</i> . <b>38</b> (2017) , 3; 967-983	2,194 (2016.)	Mathematics
5.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research international</i> . <b>24</b> (2017) , 10; 9802-9812	2,741 (2016.)	Medicine Environmental Science
6.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . <b>186</b> (2017) ; 660-668	4,208 (2016.)	Medicine Chemistry Environmental Science
7.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . <b>18</b> (2017) , 11; 2292-1-2292-20	3,226 (2016.)	Medicine Computer Science Chemistry Biochemistry, Genetics and Molecular Biology Chemical Engineering
8.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 15; 7531-7543	3,269 (2016.)	Materials Science Chemistry Chemical Engineering

9.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017) , 6; 1647-1651	0,962 (2016.)	Agricultural and Biological Sciences
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Environmental Science
10.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017) , 19; 16172-16185	2,741 (2016.)	Medicine
			Environmental Science
11.	Bota, Josip; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017) , 5; 466-486	1,073 (2016.)	Engineering
			Materials Science
			Chemistry
			Physics and Astronomy
12.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 417-424	0,923 (2016.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
13.	Botti, V.; Mazzucato, U.; Šindler-Kulyk, Marija; Spalletti A. Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyrid-n-yl)ethenyl]oxazole's (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 33-39	2,625 (2016.)	Physics and Astronomy
			Chemical Engineering
			Chemistry
14.	Brnardić, Ivan; Ćurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017) , 7; 1600509-1-1600509-9	1,473 (2016.)	Environmental Science
15.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . 181 (2017) , 3; 948-960	1,751 (2016.)	Medicine
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
			Immunology and Microbiology
16.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 136 (2017) ; 468-479	4,519 (2016.)	Medicine
			Pharmacology, Toxicology and Pharmaceutics
			Chemistry
17.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . 26 (2017) , 9; 2024-2037	1,277 (2016.)	Pharmacology, Toxicology and Pharmaceutics
			Chemistry
18.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panaghiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017) ; 139-149	3,743 (2016.)	Medicine
			Environmental Science

19.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . <b>20</b> (2017) , 1; 20160172-1-20160172-14	0,564 (2016.)	Chemistry
20.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 25; 20521-20539	2,741 (2016.)	Medicine
			Environmental Science
21.	Čizmić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . <b>323</b> (2017) , Part A; 500-512	6,065 (2016.)	Environmental Science
22.	Ćurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>48</b> (2017) , 8; 797-802	0,524 (2016.)	Engineering
			Materials Science
			Physics and Astronomy
23.	Dolar, Davor; Drašinac, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . <b>134</b> (2017) , 5; 44426-1-44426-12	1,860 (2016.)	Materials Science
			Chemistry
24.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . <b>116</b> (2017) ; 13-22	6,942 (2016.)	Environmental Science
25.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 375-383	0,923 (2016.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
26.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . <b>57</b> (2017) ; 889-894	-	Chemical Engineering
27.	Fraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . <b>60</b> (2017) , 6; 1063-1069	1,685 (2016.)	Engineering
			Materials Science
			Physics and Astronomy
28.	Fraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . <b>132</b> (2017) ; 325-341	3,684 (2016.)	Materials Science
			Chemistry
29.	Fraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by <sup>1</sup> H NMR spectroscopy. // <i>Energy &amp; fuels</i> . <b>31</b> (2017) , 4; 3943-3948	3,091 (2016.)	Chemical Engineering
			Energy
30.	Ghoufi, Aziz; Dražević, Emil; Szymczyk, Anthony. Interactions of organics within hydrated selective layer of reverse osmosis desalination membrane: a combined experimental and computational study. // <i>Environmental science &amp; technology</i> . <b>51</b> (2017) , 5; 2714-2719	6,198 (2016.)	Chemistry
			Environmental Science
31.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO <sub>2</sub> photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . <b>7</b> (2017) , 12; 412-1-412-16	3,553 (2016.)	-

32.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 21; 12746-12755	3,269 (2016.)	Materials Science
			Chemistry
			Chemical Engineering
33.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO <sub>2</sub> on UV degradation behavior of TiO <sub>2</sub> reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 297-306	0,586 (2016.)	Chemistry
34.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 8; 2939-2955	1,430 (2016.)	Materials Science
			Chemistry
			Physics and Astronomy
35.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO <sub>2</sub> under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . <b>67</b> (2017) ; 300-308	1,631 (2016.)	Engineering
			Environmental Science
36.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO <sub>2</sub> -chitosan coating on textile. // <i>Progress in organic coatings</i> . <b>105</b> (2017) ; 277-285	2,858 (2016.)	Materials Science
			Chemical Engineering
			Chemistry
37.	Grčić, Ivana; Koprivanac, Natalija; Andričević, Roko. Reliability study of laboratory scale water treatment by advanced oxidation processes. // <i>Environmental engineering and management journal</i> . <b>16</b> (2017) , 1; 1-13	1,096 (2016.)	Environmental Science
38.	Grčić, Ivana; Li Puma, Gianluca. Six-flux absorption-scattering models for photocatalysis under wide-spectrum irradiation sources in annular and flat reactors using catalysts with different optical properties. // <i>Applied catalysis. B, Environmental</i> . <b>211</b> (2017) ; 222-234	9,446 (2016.)	Environmental Science
			Chemical Engineering
39.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 1247-1267	4,519 (2016.)	Medicine
			Pharmacology, Toxicology and Pharmaceutics
			Chemistry
40.	Hajdari Gretić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 11-12; 633-640	-	Chemical Engineering
			Chemistry
41.	Hari, Vjeran; Begović Kovač, Erna. Convergence of the cyclic and quasi-cyclic block Jacobi methods. // <i>Electronic transactions on numerical analysis</i> . <b>46</b> (2017) ; 107-147	0,925 (2016.)	Mathematics
42.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . <b>71</b> (2017) ; 13-20	1,258 (2016.)	Engineering
			Chemical Engineering
			Materials Science
			Chemistry
43.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . <b>142</b> (2017) ; 108-115	3,473 (2016.)	Biochemistry, Genetics and Molecular Biology
			Chemical Engineering

44.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . <b>178</b> (2017) ; 225-233	2,536 (2016.)	Physics and Astronomy
			Chemistry
45.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 1; 358-371	3,269 (2016.)	Materials Science
			Chemistry
			Chemical Engineering
46.	Jakovljević, Suzana; Alar, Vesna; Ivanković, Antonio. Electrochemical behaviour of PACVD TiN-coated CoCrMo medical alloy. // <i>Metals</i> . <b>7</b> (2017) , 7; 231-1-231-14	1,984 (2016.)	Materials Science
47.	Jelčić, Želimir; Mađuna, Karolina; Zrnčević, Stanka. Kinetics of catalytic peroxide oxidation of phenol over three-dimensional fractals. // <i>Industrial &amp; engineering chemistry research</i> . <b>56</b> (2017) , 45; 12994-13009	2,843 (2016.)	Engineering
			Chemical Engineering
			Chemistry
48.	Jelčić, Želimir; Očelić Bulatović, Vesna; Jurkaš Marković, Kristina; Rek, Vesna. Multi-fractal morphology of un-aged and aged SBS polymer-modified bitumen. // <i>Plastics, rubber and composites</i> . <b>46</b> (2017) , 2; 77-98	0,660 (2016.)	Materials Science
			Chemical Engineering
49.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . <b>56</b> (2017) ; 270-276	4,421 (2016.)	Chemical Engineering
50.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . <b>81</b> (2017) ; 170-185	1,631 (2016.)	Engineering
			Environmental Science
51.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . <b>52</b> (2017) , 5; 864-875	1,106 (2016.)	Chemical Engineering
			Chemistry
52.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . <b>182</b> (2017) , 4; 1575-1590	1,751 (2016.)	Medicine
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
			Immunology and Microbiology
53.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . <b>246</b> (2017) ; 455-460	5,401 (2016.)	Physics and Astronomy
			Materials Science
			Engineering
54.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 401-411	0,586 (2016.)	Chemistry
55.	Katančić, Zvonimir; Šuka, Snježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 385-394	0,923 (2016.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology



56.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . <b>642</b> (2017) , 1; 29-37	0,571 (2016.)	Materials Science
			Chemistry
			Physics and Astronomy
57.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Electronic structure and redox behavior of tin sulfide films potentiostatically formed on tin. // <i>Journal of the electrochemical society</i> . <b>164</b> (2017) , 7; C383-C389	3,259 (2016.)	Materials Science
			Energy
			Chemistry
58.	Klarić, Miljenko; Pervan, Stjepan; Biošić, Martina. Influence of lyophilisation and oven-drying on extraction yield of oregonin from European black alder ( <i>Alnus glutinosa</i> (L.) Gaertn.) Bark. // <i>Drvena industrija : znanstveno-stručni časopis za pitanja drvne tehnologije</i> . <b>68</b> (2017) , 3; 205-210	0,712 (2016.)	Agricultural and Biological Sciences
59.	Kosar, Vanja; Kraljević, Zlatko; Radović, Marina. Modeliranje procesa umreženja izolacije izoliranih vodiča energetskih kabela. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 11-12; 591-599	-	Chemical Engineering
			Chemistry
60.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO <sub>2</sub> -SnS <sub>2</sub> nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 24; 19965-19979	2,741 (2016.)	Medicine
			Environmental Science
61.	Kraljić Roković, Marijana; Ljubek, Gabrijela; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO <sub>2</sub> for supercapacitor application. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 289-295	0,586 (2016.)	Chemistry
62.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak- Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO <sub>2</sub> nanocomposites for food packaging. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 4; 1387-1404	1,430 (2016.)	Materials Science
			Chemistry
			Physics and Astronomy
63.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 9-10; 467-474	-	Chemical Engineering
			Chemistry
64.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 369-374	0,923 (2016.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
65.	Kučić, Dajana; Simonić, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 497-507	0,923 (2016.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
66.	Kukučka, Miroslav; Kukučka Stojanović, Nikoleta; Foglar, Lucija. Enhancement of synthetic zeolite (Crystal-Right) adsorption characteristics toward NH <sub>4</sub> <sup>+</sup> by regeneration. // <i>Desalination and water treatment</i> . <b>80</b> (2017) ; 326-336	1,631 (2016.)	Engineering
			Environmental Science
67.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . <b>196</b> (2017) ; 194-204	2,084 (2016.)	Physics and Astronomy
			Materials Science
68.	Lučić Blagojević, Sanja; Zeljko, Martina; Kraljić Roković, Marijana. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: II. Mehanička svojstva, električna provodnost i toplinska postojanost. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 5-6; 241-248	-	Chemical Engineering
			Chemistry

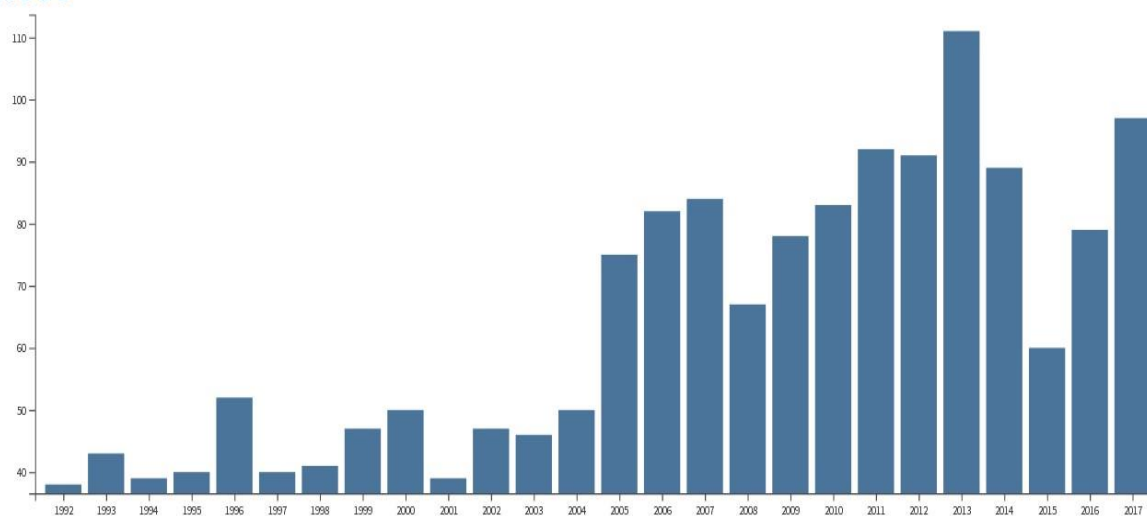
69.	Lučić Blagojević, Sanja; Zeljko, Martina; Pustak, Anđela. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: I. Morfologija i toplinska svojstva. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 3-4; 119-128	-	Chemical Engineering
			Chemistry
70.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . <b>37</b> (2017) , 9; 3137-3149	3,454 (2016.)	Materials Science
71.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovac, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO <sub>2</sub> nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 399-408	1,953 (2016.)	Physics and Astronomy
			Chemistry
72.	Maduna, Karolina; Zrnčević, Stanka. Katalitička obrada fenolnih otpadnih voda. // <i>Hrvatske vode : časopis za vodno gospodarstvo</i> . <b>25</b> (2017) , 101; 149-158	-	Earth and Planetary Sciences
73.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . <b>7</b> (2017) , 2; 791-800	3,108 (2016.)	Chemical Engineering
			Chemistry
74.	Metikoš-Huković, Mirjana; Katić, Jozefina; Grubač, Zoran; Škugor-Rončević, Ivana. Electrochemistry of CoCrMo implant in Hanks' solution and Mott-Schottky probe of alloy's passive films. // <i>Corrosion</i> . <b>73</b> (2017) , 12; 1401-1412	1,661 (2016.)	Chemical Engineering
			Materials Science
			Chemistry
75.	Mihelić-Bogdanić, Alka; Budin, Rajka; Špelić, Ivana. Impact of hybrid system in polyester production. // <i>Cogent engineering</i> . <b>4</b> (2017) ; 1-14	-	Engineering
			Chemical Engineering
			Computer Science
76.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 11; 10091-10106	2,741 (2016.)	Medicine
			Environmental Science
77.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . <b>45</b> (2017) , 7; 1700082-1-1700082-14	1,473 (2016.)	Environmental Science
78.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . <b>32</b> (2017) , 1; 102-111	0,634 (2016.)	Engineering
			Chemical Engineering
			Materials Science
79.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electrodialysis. // <i>Biochemical engineering journal</i> . <b>125</b> (2017) ; 221-229	2,892 (2016.)	Environmental Science
			Biochemistry, Genetics and Molecular Biology
			Engineering
			Chemical Engineering
80.	Panjičko, Mario; Zupančić, Gregor Drago; Fanelj, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . <b>166</b> (2017) ; 519-529	5,715 (2016.)	Engineering
			Business, Management and Accounting
			Environmental Science

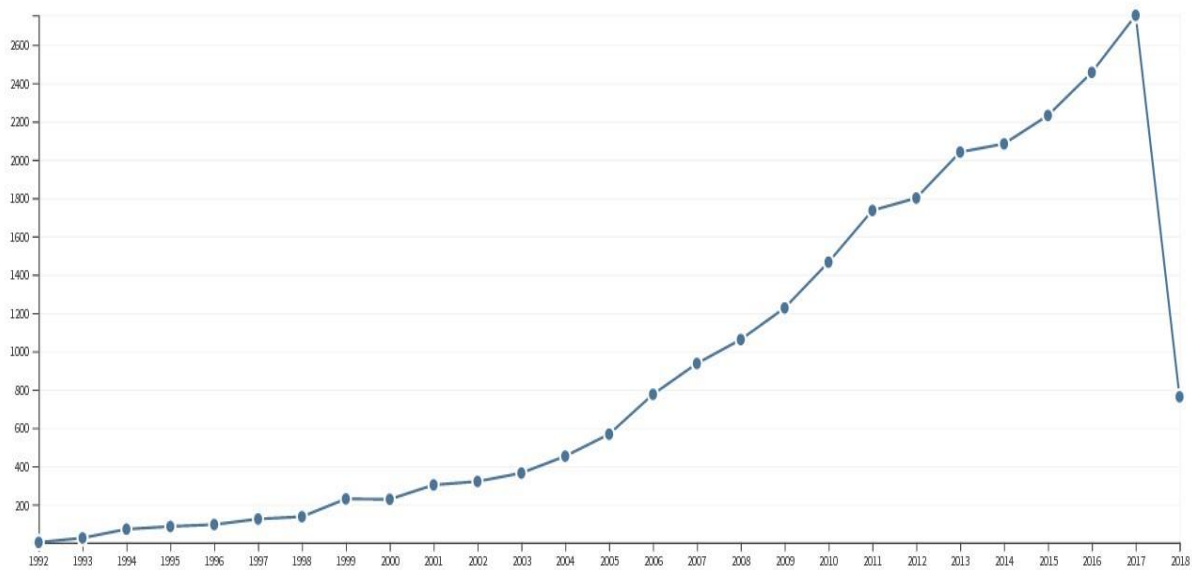
81.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 722-735	4,519 (2016.)	Medicine
			Pharmacology, Toxicology and Pharmaceutics
			Chemistry
82.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 145-154	0,586 (2016.)	Chemistry
83.	Plavac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>120</b> (2017) , 1; 385-401	1,264 (2016.)	Chemistry
			Chemical Engineering
84.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 187-195	0,586 (2016.)	Chemistry
85.	Racané, Livio; Sedić, Mirela; Ilić, Nataša; Aleksić, Maja; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Novel 2-thienyl- and 2-benzothienyl-substituted 6-(2-imidazoliny)benzothiazoles: synthesis; in vitro evaluation of antitumor effects and assessment of mitochondrial toxicity. // <i>Anti-cancer agents in medicinal chemistry</i> . <b>17</b> (2017) , 1; 57-66	2,598 (2016.)	Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
86.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . <b>188</b> (2017) ; 140-146	3,359 (2016.)	Chemistry
			Chemical Engineering
87.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . <b>105</b> (2017) ; 386-392	2,905 (2016.)	Engineering
			Chemical Engineering
			Environmental Science
88.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . <b>181</b> (2017) ; 485-491	4,208 (2016.)	Medicine
			Chemistry
			Environmental Science
89.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . <b>9</b> (2017) , 9; 387-1-387-14	3,364 (2016.)	Materials Science
			Chemistry
90.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . <b>166</b> (2017) ; 173-182	4,811 (2016.)	Materials Science
			Chemistry
91.	Sačer, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . <b>82</b> (2017) , 4; 411-416	0,822 (2016.)	Chemistry
92.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . <b>9</b> (2017) ; 2305-2314	1,900 (2016.)	Engineering
			Chemical Engineering
			Chemistry

93.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO <sub>2</sub> -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>333</b> (2017) ; 117-129	2,625 (2016.)	Physics and Astronomy
			Chemical Engineering
			Chemistry
94.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borja; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . <b>52</b> (2017) , 16; 2557-2572	1,106 (2016.)	Chemical Engineering
			Chemistry
95.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 197-205	0,586 (2016.)	Chemistry
96.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . <b>2017</b> (2017) , 26; 3787-3794	2,834 (2016.)	Chemistry
97.	Špoljar, Maria; Lajtner, Jasna; Dražina, Tvrtko; Malekzadeh-Viayeh, Reza; Radanović, Ines; Zrinščak, Ivana; Fressl, Jelena; Matijašec, Dora. Disentangling food webs interactions in the littoral of temperate shallow lakes. // <i>Natura Croatica : periodicum Musei historiae naturalis Croatici</i> . <b>26</b> (2017) , 2; 145-166	-	Environmental Science
			Agricultural and Biological Sciences
98.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . <b>13</b> (2017) , 13; 2352-2363	2,337 (2016.)	Chemistry
99.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . <b>21</b> (2017) , 1; 201-210	1,752 (2016.)	Medicine
			Computer Science
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
100.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Ćurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science</i> . <b>52</b> (2017) , 5; 2591-2604	2,599 (2016.)	Engineering
			Materials Science
101.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 371-380	1,953 (2016.)	Physics and Astronomy
			Chemistry
102.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Atrial fibrillation and risk of cardiovascular events and mortality in patients with symptomatic peripheral artery disease: A meta-analysis of prospective studies. // <i>Clinical cardiology</i> . <b>40</b> (2017) , 12; 1231-1235	2,757 (2016.)	Medicine
103.	Vrsalović, Mislav; Vučur, Ksenija, Vrsalović Presečki, Ana; Fabijanić, Damir; Milošević, Milan. Impact of diabetes on mortality in peripheral artery disease: a meta-analysis. // <i>Clinical cardiology</i> . <b>40</b> (2017) , 5; 287-291	2,757 (2016.)	Medicine

104.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . <b>21</b> (2017) , 3; 621-636	1,752 (2016.)	Medicine
			Computer Science
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
105.	Zečić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . <b>38</b> (2017) , 1; 65-77	1,751 (2016.)	Medicine
			Environmental Science
106.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 413-424	0,586 (2016.)	Chemistry
107.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . <b>55</b> (2017) , 2; 187-196	0,891 (2016.)	Engineering
			Chemical Engineering
			Agricultural and Biological Sciences
			Biochemistry, Genetics and Molecular Biology

1.660





**Slika 5.3.** Broj objavljenih radova i njihova citiranost za razdoblje 1992. – 2018. prema bazi *Web of Science Core Collection*

**Tablica 5.1. Mentori**

Naziv doktorskog studija	Broj mentora kod kojih su obranjeni doktorati znanosti u posljednjih 5 godina	Broj objavljenih radova mentora u domaćim recenziranim znanstvenim časopisima u posljednjih 5 godina	Broj objavljenih radova mentora u inozemnim recenziranim znanstvenim časopisima u posljednjih 5 godina
Kemijsko inženjerstvo	77*	SCOPUS bez Web of Science: 38**	Web of Science: 616**
Inženjerska kemija			
Kemijsko inženjerstvo i primjenjena kemija			

\* Neki od mentora mentorirali su na oba studija, pa nema smisla razdvajati mentore po studijima

\*\* U struci je irelevantno prikazivati domaće znanstvene časopise, osim onih citiranih u bazi SCOPUS, koji nisu u WoS

**Tablica 5.1.1. Popis radova mentora u bazi podataka WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 5.1.)**

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STUDIJ
1.	Acosta Santamaria, Victor Andres; Malve, M.; Duizabo, A.; Mena Tobar, A.; Gallego Ferrer, Gloria; Garcia Aznar, J. M.; Doblare, M.; Ochoa, I. Computational methodology to determine fluid related parameters of non regular three-dimensional scaffolds. // <i>Annals of biomedical engineering</i> . <b>41</b> (2013) 2367-2380	3,231 (2013.)	IK
2.	Adžamić, Zoran; Adžamić, Tamara; Mužić, Marko; Sertić-Bionda, Katica. Optimization of the n-hexane isomerization process using response surface methodology. // <i>Chemical engineering research &amp; design</i> . <b>91</b> (2013); 1; 100-105	2,281 (2013.)	KI
3.	Alešković, Marija; Basarić, Nikola; Halasz, Ivan; Liang, Xing; Qinc, Wenwu; Mlinarić-Majerski, Kata. Aryl substituted adamantane-dipyrromethanes: Chromogenic and fluorescent anion sensors. // <i>Tetrahedron</i> . <b>69</b> (2013); 1725-1734	2,817 (2013.)	IK
4.	Babić, Dinko; Senčar, Jasminka; Petrinc, Branko; Marović, Gordana; Bituh, Tomislav; Skoko, Božena. Fine structure of the absorbed dose rate monitored in Zagreb, Croatia, in the period 1985-2011. // <i>Journal of environmental radioactivity</i> . <b>118</b> (2013); 75-79	3,571 (2013.)	IK
5.	Babić, Sandra; Periša, Martina; Škorić, Irena. Photolytic degradation of norfloxacin, enrofloxacin and ciprofloxacin in various aqueous media. // <i>Chemosphere</i> . <b>91</b> (2013); 11; 1635-1642	3,499 (2013.)	IK
6.	Basarić, Nikola; Došlić, Nađa; Ivković, Jakov; Wang, Yu-Hsuan; Veljković, Jelena; Mlinarić-Majerski, Kata; Wan, Peter. Excited state intramolecular proton transfer (ESIPT) from phenol to carbon in selected phenyl naphthols and naphthylphenols. // <i>Journal of organic chemistry</i> . <b>78</b> (2013); 5; 1811-1823	4,638 (2013.)	IK
7.	Bilandžić, Nina; Dolenc, Jožica; Šinigoj Gačnik, Ksenija; Varenina, Ivana; Solomun Kolanović, Božica. Feed additives diclazuril and nicarbazin in egg and liver samples from Croatian farms. // <i>Food additives and contaminants: Part B-Surveillance</i> . <b>6</b> (2013), 2; 90-97	0,914 (2013.)	IK
8.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić, Đurđica; Končurat, Ana. Concentrations of microelements Al, Co, Cr, Li, Mo, Ni, Sb and Sr in the milk of Croatian Coldblood mares. // <i>Mljekarstvo</i> . <b>63</b> (2013), 3; 150-157	0,484 (2013.)	IK
9.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Brstilo, Mate; Sokolić-Mihalak, Darja; Jurković, Zorica. Comparative study of iron, magnesium and zinc and daily intakes in certain meats and meat products. // <i>Slovenian veterinary research</i> . <b>50</b> (2013), 3; 103-110	0,222 (2013.)	IK
10.	Bistričić, Lahorija; Borjanović, Vesna; Mikac, Lara; Dananić, Vladimir. Vibrational spectroscopic study of poly(dimethylsiloxane)-ZnO nanocomposites. // <i>Vibrational spectroscopy</i> . <b>68</b> (2013); 1-10	1,547 (2013.)	IK

11.	Bituh, Tomislav; Vučić, Zlatko; Marović, Gordana; Prlić, Ivica. A new approach to determine the phosphogypsum spread from the deposition site into the environment. // <i>Journal of hazardous materials</i> . <b>261</b> (2013); 584-592	4,331 (2013.)	IK
12.	Blažek, Vesna; Molčanov, Krešimir; Mlinarić-Majerski, Kata; Kojić-Prodić, Biserka; Basarić, Nikola. Adamantane bisurea derivatives: anion binding in the solution and in the solid state. // <i>Tetrahedron</i> . <b>69</b> (2013); 2; 517-526	2,817 (2013.)	IK
13.	Brinić, Slobodan; Vladislavić, Nives; Buzuk, Marijo; Bralić, Marija; Šolić, Mislav. Bismuth film random array carbon fiber micro electrodes for determination of cysteine and N-acetyl cysteine. // <i>Journal of electroanalytical chemistry</i> . <b>705</b> (2013); 86-90	2,871 (2013.)	IK
14.	Brkljača, Mia; Giljanović, Josipa; Prkić, Ante. Determination of metals in olive oil by electrothermal atomic absorption spectrometry : validation and uncertainty measurements. // <i>Analytical letters</i> . <b>46</b> (2013); 18; 2912-2926	1,019 (2013.)	IK
15.	Buhin, Zrinka; Lučić Blagojević, Sanja; Leskovac Mirela. In situ emulsion polymerization and characterization of poly(butyl acrylate-co-methyl methacrylate)/silica nanosystems. // <i>Polymer engineering &amp; science</i> . <b>53</b> (2013); 11; 2292-2298	1,441 (2013.)	KI, IK
16.	Carlotti, Benedetta; Kikaš, Ilijana; Škorić, Irena; Spalletti, Anna; Elisei, Fausto. Photophysics of push-pull distyryl furan, thiophene and pyridine by fast and ultrafast techniques. // <i>ChemPhysChem</i> . <b>14</b> (2013); 5; 970-981	3,360 (2013.)	IK
17.	Cervantes, A.; Del Angel, G.; Torres, G.; Lafaye, G.; Barbier, J., Jr.; Beltramini, J. N.; Cabanas-Moreno, J. G.; de los Monteros, A. Espinosa. Degradation of methyl tert-butyl ether by catalytic wet air oxidation over Rh/TiO <sub>2</sub> -CeO <sub>2</sub> catalysts. // <i>Catalysis today</i> . <b>212</b> (2013); 2-9	3,309 (2013.)	KI
18.	Čindro, Nikola; Halasz, Ivan; Mlinarić-Majerski, Kata; Basarić, Nikola. Photoinduced H-abstraction in homo- and protoadamantylphthalimide derivatives in solution and in organized and constrained media. // <i>European journal of organic chemistry</i> . <b>2013</b> (2013); 5; 929-938	3,154 (2013.)	IK
19.	Čosić, Ivana; Vuković, Marija; Gomzi, Zoran; Briški, Felicita. Modelling of kinetics of microbial degradation of simulated leachate from tobacco dust waste. // <i>Chemical papers</i> . <b>67</b> (2013); 9; 1138-1145	1,193 (2013.)	KI, IK
20.	Čurković, Lidija; Otmačić Čurković, Helena; Salopek, Sara; Majić Renjo, Marijana; Šegota, Suzana. Enhancement of corrosion protection of AISI 304 stainless steel by nanostructured sol-gel TiO <sub>2</sub> films. // <i>Corrosion science</i> . <b>77</b> (2013); 176-184	3,686 (2013.)	IK
21.	Čurković, Lidija; Salopek, Sara; Šegota, Suzana; Majić Renjo, Marijana; Tomić, Tanja. AFM characterisation of sol-gel TiO <sub>2</sub> films deposited on stainless steel. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>44</b> (2013); 7; 650-654	0,433 (2013.)	IK
22.	Čurković, Mario; Sipos, Laszlo; Puntarić, Dinko; Dodig-Čurković, Katarina; Pivac, Nela; Kralik, Kristina. Detection of thallium and uranium in well water and biological specimens of an eastern Croatian population. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>64</b> (2013); 385-394	0,727 (2013.)	IK
23.	Deplaine, H.; Lebourg, M.; Ripalda, P.; Vidaurre, A.; Sanz-Ramos, P.; Mora, G.; Prosper, F.; Ochoa, I.; Doblare, M.; Gomez Ribelles, J. L.; Izal-Azcarate, I.; Gallego Ferrer, Gloria. Biomimetic hydroxyapatite coating on pore walls improves osteointegration of poly(L-lactic acid) scaffolds. // <i>Journal of biomedical materials research Part B- Applied biomaterials</i> . <b>101B</b> (2013); 173-186	2,328 (2013.)	IK
24.	Dimitrov, Nino; Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Hrnjak-Murgić, Zlata. Analysis of Recycled PET Bottles Products by Pyrolysis-Gas Chromatography. // <i>Polymer degradation and stability</i> . <b>98</b> (2013); 5; 972-979	2,633 (2013.)	KI, IK
25.	Dolar, Davor; Košutić, Krešimir; Ašperger, Danijela. Influence of adsorption of pharmaceuticals onto RO/NF membranes on their removal from water. // <i>Water, air and soil pollution</i> . <b>224</b> (2013); 1; 1377-1-1377-13	1,685 (2013.)	IK
26.	Dolar, Davor; Košutić, Krešimir; Ašperger, Danijela; Babić, Sandra. Removal of glucocorticosteroids and anesthetics from water with RO/NF membrane. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1-6	0,911 (2013.)	IK



27.	Dolar, Davor; Periša, Martina; Košutić, Krešimir; Babić, Sandra. NF/RO removal of enrofloxacin and its photodegradation products from water. // <i>Desalination and Water Treatment</i> . <b>51</b> (2013); 1/3; 469-475	0,987 (2013.)	IK
28.	Dolar, Davor; Košutić, Krešimir; Periša, Martina; Babić, Sandra. Photolysis of enrofloxacin and removal of its photodegradation products from water by reverse osmosis and nanofiltration membranes. // <i>Separation and purification technology</i> . <b>115</b> (2013); 1-8	3,065 (2013.)	IK
29.	Dolar, Davor; Košutić, Krešimir; Ignjatić Zokić, Tatjana; Sipos, Laszlo; Markić, Marinko; Župan, Mario. Combined methods of highly polluted industrial wastewater treatment - a case study of high recovery. // <i>Polish journal of environmental studies</i> . <b>22</b> (2013); 6; 1677-1683	0,600 (2013.)	IK
30.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir; Mutavdžić Pavlović, Dragana. Coating layer effect on performance of thin film nanofiltration membrane in removal of organic solutes. // <i>Separation and purification technology</i> . <b>118</b> (2013); 530-539	3,065 (2013.)	IK
31.	Franković Mihelj, Nirvana; Ukrainczyk, Neven; Leaković, Stjepan; Šipušić, Juraj. Waste phosphogypsum – toward sustainable reuse in calcium sulfoaluminate cement based building materials. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 2; 219-226	0,911 (2013.)	IK
32.	Gabrić, Beata; Sander, Aleksandra; Cvjetko Bubalo, Marina, Macut, Dejan. Extraction of S- and N-compounds from the mixture of hydrocarbons by ionic liquids as selective solvents. // <i>The scientific world journal</i> . <b>2013</b> (2013); Article Number: 512953; 1-11	1,219 (2013.)	KI
33.	Gajović, Andreja; Vukajlović Pleština, Jelena; Žagar, Kristina; Plodinec, Milivoj; Šturm, Sašo; Čeh, Miran. Temperature-dependent Raman spectroscopy of BaTiO <sub>3</sub> nanorods synthesized by using a template-assisted sol-gel procedure. // <i>Journal of Raman spectroscopy</i> . <b>44</b> (2013); 3; 412-420	2,519 (2013.)	IK
34.	Gamboa-Martinez, Tatiana C.; Rodenas-Rochina, Joaquin; Rico Tortosa, Patricia; Lebourg, Myriam; Gomez Ribelles, Jose L.; Salmeron Sanchez, Manuel; Gallego Ferrer, Gloria. Chondrocytes cultured in an adhesive macroporous scaffold subjected to stirred flow bioreactor behave like in static culture. // <i>Journal of biomaterials and tissue engineering</i> . <b>3</b> (2013) 312-319	1,167 (2013.)	IK
35.	Gamboa-Martinez, T. C.; Garcia Cruz, D. M.; Carda, C.; Gomez Ribelles, J. L.; Gallego Ferrer, Gloria Fibrin-chitosan composite substrate for in vitro culture of chondrocytes. // <i>Journal of biomedical materials research Part A</i> . <b>101</b> (2013); 404-412	2,841 (2013.)	IK
36.	Ganguly, Bishwajit; Kesharwani, Manoj K.; Basarić, Nikola; Suresh, Eringathodi; Biswas, Abul Kalam; Mlinarić-Majerski, Kata. Conformational preference of glycylamide in solution : an answer derived from combined computational and experimental studies. // <i>Journal of molecular graphics &amp; modelling</i> . <b>46</b> (2013); 52-58	2,022 (2013.)	IK
37.	Govorčin Bajsić, Emi; Rek, Vesna; Ormuž Pavić, Bojana. The influence of talc content on the thermal and mechanical properties of polyurethane/polypropylene blends. // <i>Journal of elastomers and plastics</i> . <b>45</b> (2013); 6; 501-522	0,714 (2013.)	KI
38.	Grahek, Željko; Milanović, Ivana; Nodilo, Marijana; Rožmarić, Martina. Sequential separation of Fe and Sr from liquid samples by using Sr resin and rapid determination of <sup>55</sup> Fe and <sup>89,90</sup> Sr. // <i>Applied radiation and isotopes</i> . <b>81</b> (2013); 42-48	1,056 (2013.)	IK
39.	Grčić, Ivana; Papić, Sanja; Koprivanac, Natalija. Sonochemical effectiveness factor (eUS) in the reactors for wastewater treatment by sono-Fenton oxidation: Novel considerations. // <i>Ultrasonics sonochemistry</i> . <b>20</b> (2013); 4; 1037-1045	3,816 (2013.)	IK
40.	Grdiša, Martina; Babić, Sandra; Periša, Martina; Carović-Stanko, Kladija; Kolak, Ivan; Liber, Zlatko; Jug-Dujaković, Marija; Šatović, Zlatko. Chemical diversity of the natural populations of Dalmatian pyrethrum ( <i>Tanacetum cinerariifolium</i> /Trevir. /Sch. Bip.) in Croatia. // <i>Chemistry &amp; biodiversity</i> . <b>10</b> (2013); 3; 460-472	1,795 (2013.)	IK

41.	Hranjec, Marijana; Sović, Irena; Ratkaj, Ivana; Pavlović, Gordana; Ilić, Nataša; Valjalo, Linda; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Antiproliferative potency of novel benzofuran-2-carboxamides on tumor cell lines : cell death mechanisms and determination of crystal structure. // <i>European journal of medicinal chemistry</i> . <b>59</b> (2013); 111-119	3,432 (2013.)	IK
42.	Hublin, Andrea; Zelić, Bruno. Modelling of the whey and cow manure co-digestion process. // <i>Waste management &amp; research</i> . <b>31</b> (2013); 4; 353-360	1,114 (2013.)	KI, IK
43.	Huskić, Miroslav; Žigon, Majda; Ivanković, Marica. Comparison of the properties of clay polymer nanocomposites prepared by montmorillonites modified by silane and by quaternary ammonium salts. // <i>Applied clay science</i> . <b>85</b> (2013); 109-115	2,703 (2013.)	IK
44.	Ivešić, Martina; Babić, Sandra; Krivohlavek, Adela; Šmit, Zdenko. Determination of cyanuric acid in whey powder using HILIC-MS/MS. // <i>Analytical methods</i> . <b>5</b> (2013); 5188-5194	1,938 (2013.)	IK
45.	Izal, Inigo; Aranda, Pablo; Sanz-Ramos, Patricia; Ripalda, Purificacion; Mora, Gonzalo; Granero-Molto, Froilan; Deplaine, Harmony; Gomez-Ribelles, Jose Luis; Gallego Ferrer, Gloria; Acosta, Victor; Ochoa, Ignacio; Manuel Garcia-Aznar, Jose; Andreu, Enrique J.; Monleon-Pradas, Manuel; Doblare, Manuel; Prosper, Felipe. Culture of human bone marrow-derived mesenchymal stem cells on of poly(L-lactic acid) scaffolds: potential application for the tissue engineering of cartilage. // <i>Knee surgery sports traumatology arthroscopy</i> . <b>21</b> (2013); 1737-1750	2,837 (2013.)	IK
46.	Jakovljević, Tamara; Cvjetko, Marina; Sedak, Marija; Đokić, Maja; Bilandžić, Nina; Vorkapić-Furač, Jasna; Radojčić Redovniković, Ivana. Balance of glucosinolates content under Cd stress in two Brassica species. // <i>Plant physiology and biochemistry</i> . <b>63</b> (2013); 99-106	2,352 (2013.)	IK
47.	Jelčić, Želimir; Mastelić Samardžić, Zrinka; Zrnčević, Stanka. Fractal analysis of catalyst surface morphologies on hydrogenation in process of 2-((1-benzylpiperidin-4-yl)methyl)-5, 6-dimethoxy-2, 3-dihydroinden-1-one hydrochloride synthesis. // <i>Applied catalysis. A, General</i> . <b>456</b> (2013); 30-43	3,674 (2013.)	KI
48.	Jović, Franjo; Tomašić, Vesna; Davidson, A.; Nogier, J.P.; Li, W.; Kosar, Vanja. Photocatalytic treatment of air: how to deal with the problem of TiO <sub>2</sub> deactivation. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 37-42	0,911 (2013.)	KI, IK
49.	Jurak, Gordana; Bošnić, Jasna; Puntarić, Dinko; Pavlinić-Prokurica, Iva; Šmit, Zdenko; Medić, Helga; Puntarić, Ida; Puntarić, Eda. Effects of temperature, length of storage, and technological processes on the formation of N-nitrosamines in liver pâté. // <i>Acta alimentaria</i> . <b>42</b> (2013); 4; 481-494	0,427 (2013.)	IK
50.	Jurica, Karlo; Uršulin-Trstenjak, Natalija; Vukić Lušić, Darija; Lušić, Dražen; Šmit, Zdenko. Izloženost ftalatima i njihova pojavnost u alkoholnim pićima. // <i>Archives of industrial hygiene and toxicology</i> . <b>64</b> (2013); 2; 317-325	0,727 (2013.)	IK
51.	Jurinjak Tušek, Ana; Tišma, Marina; Bregović, Valentina; Ptičar, Ana; Kurtanjek, Želimir; Zelić, Bruno. Enhancement of phenolic compounds oxidation using laccase from <i>Trametes versicolor</i> in a microreactor. // <i>Biotechnology and bioprocess engineering</i> . <b>18</b> (2013); 4; 686-696	1,220 (2013.)	KI, IK
52.	Kaliterna, Vanja; Kaliterna, Mariano; Pejčković, Lidija; Drmić-Hofman, Irena; Anđelinović, Šimun. Prevalence and genotyping of the human papillomavirus in the cervical specimens among women of Southern Croatia (Dalmatia County). // <i>Central European journal of public health</i> . <b>21</b> (2013); 1; 26-29	0,798 (2013.)	IK
53.	Karažija, Tomislav; Vidović, Elvira; Jukić, Ante. Thermal properties and side chain crystallinity of styrene and n-alkyl methacrylate terpolymers. // <i>Polymer engineering and science</i> . <b>53</b> (2013); 11; 2299-2307	1,441 (2013.)	IK
54.	Kassal, Petar; Murković Steinberg, Ivana; Steinberg, Matthew D. Wireless smart tag with potentiometric input for ultra low-power chemical sensing. // <i>Sensors and actuators. B, Chemical</i> . <b>184</b> (2013); 254-259	3,840 (2013.)	IK
55.	Kerolli-Mustafa, Mihone; Bačić, Ivana; Ćurković, Lidija. Investigation of Jarosite process tailing waste by means of Raman and infrared spectroscopy. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>44</b> (2013); 9; 768-773	0,433 (2013.)	IK

56.	Kikaš, Ilijana; Horváth, Ottó; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of furan and benzofuran derivatives. // <i>Journal of molecular structure</i> . <b>1034</b> (2013); 62-68	1,599 (2013.)	IK
57.	Klarić, Eva; Marčuš, Marijan; Ristić, Mira; Sever, Ivan; Prskalo, Katica; Tarle, Zrinka. Surface changes of enamel and dentine after two different bleaching procedures. // <i>Acta clinica Croatica</i> . <b>52</b> (2013); 419-429	0,421 (2013.)	IK
58.	Kopčić, Nina; Vuković Domanovac, Marija; Đaković, Zorislav; Briški, Felicita. Composting of tobacco dust in different types of reactors. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 57-64	0,911 (2013.)	KI, IK
59.	Korunda, Silvija; Krištafor, Svjetlana; Cetina, Mario; Raić-Malić, Silvana. Conjugates of 1, 2, 3-triazoles and acyclic pyrimidine nucleoside analogues: Syntheses and X- ray crystallographic studies. // <i>Current organic chemistry</i> . <b>17</b> (2013); 10; 1114-1124	2,537 (2013.)	IK
60.	Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Dukić, Maja; Hrnjak-Murgić, Zlata. Cleaning efficiency of poly(ethylene terephthalate) washing procedure in recycling process. // <i>Journal of elastomers and plastics</i> . <b>45</b> (2013); 5; 429-444	0,714 (2013.)	KI, IK
61.	Kubuki, Shiro; Shibano, Koya; Akiyama, Kazuhiko; Homonnay, Zoltan; Kuzman, Erno; Ristić, Mira; Nishida, Tetsuaki. Effect of the structural change of an iron-iron oxide mixture on the decomposition of trichloroethylene. // <i>Journal of radioanalytical and nuclear chemistry</i> . <b>295</b> (2013); 1; 23-30	1,415 (2013.)	IK
62.	Kučić, Dajana; Čosić, Ivana; Vuković Domanovac, Marija; Briški, Felicita. Sorption Kinetic Studies of Ammonium from Aqueous Solution on Different Inorganic and Organic Media. // <i>Acta chimica Slovenica</i> . <b>60</b> (2013); 1; 109-119	0,810 (2013.)	KI, IK
63.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Zeolite and potting soil sorption of CO <sub>2</sub> and NH <sub>3</sub> evolved during co-composting of grape and tobacco waste. // <i>Chemical papers</i> . <b>67</b> (2013); 9; 1172-1180	1,193 (2013.)	KI, IK
64.	Kurajica, Stanislav; Ćurković, Lidija; Tkalčec, Emilija; Mandić, Vilko. Acid corrosion behavior of sol-gel-prepared mullite ceramics with and without addition of Lanthanum. // <i>Journal of the American ceramic society</i> . <b>96</b> (2013); 3; 923-927	2,428 (2013.)	IK
65.	Linarić, Martina; Markić, Marinko; Sipos, Laszlo. High salinity wastewater treatment. // <i>Water science &amp; technology</i> . <b>68</b> (2013); 6; 1400-1405	1,212 (2013.)	IK
66.	Lučić Blagojević, Sanja; Buhin, Zrinka; Igrec, Ivona. Influence of silica nanofiller on the isothermal crystallization and melting of polyurethane elastomer. // <i>Journal of applied polymer science</i> . <b>129</b> (2013); 3; 1466-1475	1,640 (2013.)	KI
67.	Mandić, Vilko; Očko, Tanja; Matijašić, Gordana; Kurajica, Stanislav. Sol-gel derived mixed metal oxide sorbents for high temperature gas desulfurization. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 43-49	0,911 (2013.)	IK
68.	Marčuš, Marijan; Ristić, Mira; Ivanda, Mile; Musić, Svetozar. Thermal decomposition of hydrated salts of Ni(II)-acetate and Ni(II)-lactate. // <i>Journal of molecular structure</i> . <b>1044</b> (2013); 231-238	1,599 (2013.)	IK
69.	Marović, Danijela; Pandurić, Vlatko; Tarle, Zrinka; Ristić, Mira; Šariri, Kristina; Demoli, Nazif; Klarić, Eva; Janković, Bernard; Prskalo, Katica. Degree of conversion and microhardness of dental composite resin materials. // <i>Journal of molecular structure</i> . <b>1044</b> (2013); 299-302	1,599 (2013.)	IK
70.	Marušić, Katarina; Otmačić Ćurković, Helena; Takenouti, Hisasi. Corrosion inhibition of bronze and its patina exposed to acid rain. // <i>Journal of the electrochemical society</i> . <b>160</b> (2013); 8; C356-C363	2,859 (2013.)	IK
71.	Meščić, Andrijana; Betzel, Thomas; Müller, Roger; Slavik, Roger; Čermak, Stjepko; Raić-Malić, Silvana; Ametamey M., Simon. Synthesis and biological evaluation of a new acyclic pyrimidine derivative as a probe for imaging herpes simplex virus type 1 thymidine kinase gene expression. // <i>Molecules</i> . <b>18</b> (2013); 8535-8549	2,095 (2013.)	IK

72.	Meščić, Andrijana; Glavač, Danijel; Osmanović, Amar; Završnik, Davorka; Cetina, Mario; Makuc, Damjan; Plavec, Janez; Ametamey, M. Simon; Raić-Malić, Silvana. N-alkylated and O-alkylated regioisomers of 5-(hydroxyalkyl)pyrimidines: Synthesis and structural study. // <i>Journal of molecular structure</i> . <b>1039</b> (2013); 160-166	1,599 (2013.)	IK
73.	Meščić, Andrijana; Krištafor, Svjetlana; Novaković, Ivana; Osmanović, Amar; Müller, Ursina; Završnik, Davorka; Ametamey, Simon M.; Scapozza, Leonardo; Raić-Malić, Silvana. C-5 hydroxyethyl and hydroxypropyl acyclonucleosides as substrates for thymidine kinase of herpes simplex virus type 1 (HSV-1 TK): Syntheses and biological evaluations. // <i>Molecules</i> . <b>18</b> (2013); 5; 5104-5124	2,095 (2013.)	IK
74.	Mohaček Grošev, Vlasta; Furić, Krešimir; Ivanković, Hrvoje. Observed bands in Raman and infrared spectra of 1, 3- dioxolane and their assignments. // <i>Vibrational spectroscopy</i> . <b>64</b> (2013); 101-107	1,547 (2013.)	KI, IK
75.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad; Galinec, Goran. Distillation end point estimation in the diesel fuel production. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 2; 125-132	0,911 (2013.)	KI
76.	Mudronja, Domagoj; Vanmeert, Frederik; Hellemans, Kevin; Fazinić, Stjepko; Janssens, Koen; Tibljaš, Darko; Rogošić, Marko; Jakovljević, Suzana. Efficiency of applying ammonium oxalate for protection of monumental limestone by poultice, immersion and brushing methods. // <i>Applied physics. A, Materials science &amp; processing</i> . <b>111</b> (2013); 1; 109-119	1,694 (2013.)	IK
77.	Mutavdžić Pavlović, Dragana; Ašperger, Danijela; Tolić, Dijana; Babić, Sandra. Development and optimization studies for determination of pharmaceuticals in water samples by SPE and HPLC with diode-array detection. // <i>Journal of separation science</i> . <b>36</b> (2013); 3042-3049	2,594 (2013.)	IK
78.	Mužić, Marko; Sertić-Bionda, Katica. Alternative Processes for Removing Organic Sulfur Compounds. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 101-108	0,911 (2013.)	KI
79.	Nestić, Marina; Babić, Sandra; Mutavdžić Pavlović, Dragana; Sutlović, Davorka. Molecularly imprinted solid phase extraction for simultaneous determination of $\Delta^9$ -tetrahydrocannabinol and its main metabolites by gas chromatography-mass spectrometry in urine samples. // <i>Forensic science international</i> . <b>231</b> (2013); 1/3; 317-324	2,115 (2013.)	IK
80.	Nikolić, Aleksandar S.; Jović, Nataša; Rogan, Jelena; Kremenović, Aleksandar; Ristić, Mira; Meden, Antun; Antić, Bratislav. Carboxylic acids and polyethylene glycol assisted synthesis of nanocrystalline nickel ferrites. // <i>Ceramics international</i> . <b>39</b> (2013); 6; 6681-6688	2,086 (2013.)	IK
81.	Novak, Mirjana; Mohler, Ivan; Golob, Marjan; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of kerosene cold filter plugging point using soft sensors. // <i>Fuel processing technology</i> . <b>113</b> (2013); 8-19	3,019 (2013.)	KI
82.	Novell, Marta; Guinovart, Tomas; Murković Steinberg, Ivana; Steinberg, Matthew; Rius, F. Xavier; Andrade, Francisco J. A novel miniaturized radiofrequency potentiometer tag using ion-selective electrodes for wireless ion sensing. // <i>Analyst</i> . <b>138</b> (2013); 5250-5257	3,906 (2013.)	IK
83.	Očelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Influence of polymer types on bitumen engineering properties. // <i>Materials research innovations</i> . <b>17</b> (2013); 3; 189-194	0,473 (2013.)	KI
84.	Očelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Rheological properties and stability of ethylene vinyl acetate polymer-modified bitumen. // <i>Polymer engineering and science</i> . <b>53</b> (2013); 11; 2276-2283	1,441 (2013.)	KI
85.	Panagopoulou, Anna; Vazquez Molina, Joan; Kyritsis, Apostolos; Monleon Pradas, Manuel; Valles Lluch, Anna; Gallego Ferrer, Gloria; Pissis, Polycarpus. Glass transition and water dynamics in hyaluronic acid hydrogels. // <i>Food biophysics</i> . <b>8</b> (2013); 192-202	1,551 (2013.)	IK
86.	Peček, Gorana; Mutavdžić Pavlović, Dragana; Babić, Sandra. Development and validation of a SPE-GC-MS method for the determination of pesticide in surface water. // <i>International journal of environmental analytical chemistry</i> . <b>93</b> (2013); 12; 1311-1328	1,321 (2013.)	IK
87.	Penović, Tomislav; Sander, Aleksandra; Grozdanić, Vedrana. Spray drying of aqueous solutions of inorganic and organic materials. // <i>Particulate science and technology</i> . <b>31</b> (2013); 5; 458-465	0,482 (2013.)	KI

88.	Perin, Nataša; Martin Kleiner, Irena; Nhili, Raja; Laine, William; David-Cordonnier, Marie-Hélène; Vugrek, Oliver; Karminski-Zamola, Grace; Kralj, Marijeta; Hranjec, Marijana. Biological activity and DNA binding studies of 2-substituted benzimidazo[1, 2-a]quinolines bearing different amino side chains. // <i>Medicinal chemistry communications</i> . <b>4</b> (2013); 1537-1550	2,626 (2013.)	IK
89.	Periša, Martina; Babić, Sandra; Škorić, Irena; Frömel, Tobias; Knepper, Thomas P. Photodegradation of sulfonamides and their N4- acetylated metabolites in water by simulated sunlight irradiation: Kinetics and identification of photoproducts. // <i>Environmental science and pollution research international</i> . <b>20</b> (2013); 12; 8934-8946	2,757 (2013.)	IK
90.	Prkić, Ante; Giljanović, Josipa; Petričević, Sandra; Brkljača, Mia; Bralić, Marija. Determination of cadmium, chromium, copper, iron, lead, magnesium, manganese, potassium and zinc in mint tea leaves by electrothermal atomizer atomic absorption spectrometry in samples purchased at local supermarkets and marketplaces. // <i>Analytical letters</i> . <b>46</b> (2013); 2; 367-378	1,019 (2013.)	IK
91.	Prlić Kardum, Jasna; Hrkovac, Martina; Leskovic, Mirela. Adjustment of process conditions in seeded batch cooling crystallization. // <i>Chemical engineering &amp; technology</i> . <b>36</b> (2013); 8; 1347-1354	2,175 (2013.)	IK
92.	Ptiček Siročić, Anita; Fijačko, Andrija; Hrnjak-Murđić, Zlata. Chemical recycling of postconsumer poly(ethylene-terephthalate) bottles-depolymerization study. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 65-71	0,911 (2013.)	KI, IK
93.	Ptiček Siročić, Anita; Hrnjak-Murđić, Zlata; Jelenčić, Jasenka. Evaluation of compatibility in SAN/EPDM blends by determination of the adhesion parameters. // <i>Journal of adhesion science and technology</i> . <b>27</b> (2013); 15; 1652-1665	1,153 (2013.)	KI, IK
94.	Ptiček Siročić, Anita; Hrnjak-Murđić, Zlata; Jelenčić, Jasenka. The surface energy as an indicator of miscibility of SAN/EPDM polymer blends. // <i>Journal of adhesion science and technology</i> . <b>27</b> (2013); 24; 2615-2628	1,153 (2013.)	KI, IK
95.	Racané, Livio; Kraljević Pavelić, Sandra; Nhili, Raja; Depauw, Sabine; Paul-Constant, Charles; Ratkaj, Ivana; David-Cordonnier, Marie-Helene; Pavelić, Krešimir; Tralić-Kulenović, Vesna; Karminski-Zamola, Grace. New anticancer active and selective phenylene-bisbenzothiazoles : synthesis, antiproliferative evaluation and DNA binding. // <i>European journal of medicinal chemistry</i> . <b>63</b> (2013); 882-891	3,432 (2013.)	IK
96.	Ristić, Mira; Opačak, Ivana; Musić, Svetozar. The synthesis and microstructure of goethite particles precipitated in highly alkaline media. // <i>Journal of alloys and compounds</i> . <b>559</b> (2013); 49-56	2,726 (2013.)	IK
97.	Ristić, Mira; Fujii, Tatsuo; Hashimoto, Hideki; Opačak, Ivana; Musić, Svetozar. A novel route in the synthesis of magnetite nanoparticles. // <i>Materials letters</i> . <b>100</b> (2013); 93-97	2,269 (2013.)	IK
98.	Ristić, Mira; Musić, Svetozar; Popović, Stanko; Dragčević, Đurđica; Marciuš, Marijan; Ivanda, Mile. Synthesis and long-term phase stability of Mn <sub>3</sub> O <sub>4</sub> nanoparticles. // <i>Journal of molecular structure</i> . <b>1044</b> (2013); 255-261	1,599 (2013.)	IK
99.	Ristić, Mira; Popović, Stanko; Ivanda, Mile; Musić, Svetozar. A simple route in the synthesis of CdS nanoparticles. // <i>Materials letters</i> . <b>109</b> (2013); 179-181	2,269 (2013.)	IK
100.	Ristić, Mira; Popović, Stanko; Musić, Svetozar. Formation of oxide phases in the system Pr-Fe-O. // <i>Croatica chemica acta</i> . <b>86</b> (2013); 3; 281-285	0,556 (2013.)	IK
101.	Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje. Preparation and characterization of nano-hydroxyapatite within chitosan matrix. // <i>Materials Science and Engineering. C</i> . <b>33</b> (2013); 8; 4539-4544	2,736 (2013.)	KI, IK
102.	Sakač, Nikola; Sak-Bosnar, Milan; Horvat, Marija. Direct potentiometric determination of starch using a platinum redox sensor. // <i>Food chemistry</i> . <b>138</b> (2013); 1; 9-12	3,259 (2013.)	IK
103.	Sedjame, Henri-Joel; Lafaye, Gwendoline; Barbier, Jacques, Jr. N-butanol removal over alumina supported platinum catalysts. // <i>Applied catalysis B-Environmental</i> . <b>132</b> (2013); 132-141	6,007 (2013.)	KI

104.	Sopčić, Suzana; Peter, Robert; Petravić, Mladen; Mandić, Zoran. New insights into the mechanism of pseudocapacitance deterioration in electrodeposited MnO <sub>2</sub> under negative potentials. // <i>Journal of power sources</i> . <b>240</b> (2013); 252-257	5,211 (2013.)	IK
105.	Sović, Irena; Pavlović, Gordana; Papadopoulos, G. Anastasios; Šišak, Dubravka; Karminski-Zamola; Grace. 2-substituted-1H-perimidines: synthesis, crystal structure and DFT calculations. // <i>Journal of molecular structure</i> . <b>1041</b> (2013); 156-163	1,599 (2013.)	IK
106.	Staniša, Branko; Ćurković, Lidija; Schauerl, Zdravko. Analysis of deposited salts in the through-flow area of a 210 MW steam turbine. // <i>Materials testing</i> . <b>55</b> (2013); 10; 743-747	0,273 (2013.)	IK
107.	Sudar, Martina; Valinger, Davor; Findrik, Zvezdana; Vasić-Rački, Đurđa; Kurtanjek, Želimir. Effect of different variables on the efficiency of the baker's yeast cell disruption process to obtain alcohol dehydrogenase activity. // <i>Applied biochemistry and biotechnology</i> . <b>169</b> (2013); 3; 1039-1055	1,687 (2013.)	KI
108.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Clapés, Pere; Lozano, Carles. Mathematical model for aldol addition catalyzed by two D-fructose-6-phosphate aldolases variants overexpressed in E. coli. // <i>Journal of biotechnology</i> . <b>167</b> (2013); 3; 191-200	2,884 (2013.)	KI
109.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Clapés, Pere; Lozano, Carles. Aldol addition of dihydroxyacetone to N-Cbz-3- aminopropanal catalyzed by two aldolases variants in microreactors. // <i>Enzyme and microbial technology</i> . <b>53</b> (2013); 1; 38-45	2,966 (2013.)	KI
110.	Šaban, Nina; Stepanić Višnja; Vučinić, Srđan; Horvatić, Anita; Cindrić, Mario; Perković, Ivana; Zorc, Branka; Oršolić, Nada; Mintas, Mladen; Pavelić, Krešimir; Kraljević Pavelić, Sandra. Antitumor mechanisms of amino acid hydroxyurea derivatives in the metastatic colon cancer model. // <i>International journal of molecular sciences</i> . <b>14</b> (2013); 12; 23654-23671	2,339 (2013.)	IK
111.	Šalić, Anita; Pindrić, Katarina; Zelić, Bruno. Bioproduction of food additives hexanal and hexanoic acid in a microreactor. // <i>Applied biochemistry and biotechnology</i> . <b>171</b> (2013); 8; 2273-2284	1,687 (2013.)	KI, IK
112.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor catalyzed by ADH immobilized on $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles. // <i>Green processing and synthesis</i> . <b>2</b> (2013); 6; 569-578	1,125 (2014.)	KI, IK
113.	Šalić, Anita; Ivanković, Mia; Ferik, Elvira; Zelić, Bruno. ADH based NAD <sup>+</sup> regeneration in a microreactor. // <i>Journal of chemical technology and biotechnology</i> . <b>88</b> (2013); 9; 1721-1729	2,494 (2013.)	KI, IK
114.	Šalić, Anita; Faletar, Petra; Zelić, Bruno. NAD <sup>+</sup> regeneration in a microreactor using permeabilized baker's yeast cells. // <i>Biochemical engineering journal</i> . <b>77</b> (2013); 88-96	2,368 (2013.)	KI, IK
115.	Ščetar, Mario; Ptiček Siročić, Anita; Hrnjak-Murđić, Zlata; Galić, Kata. Preparation and properties of low density polyethylene film modified by zeolite and nanoclay. // <i>Polymer-plastics technology and engineering</i> . <b>52</b> (2013); 15; 1611-1620	1,481 (2012.)	KI, IK
116.	Šipušić, Juraj; Ukrainczyk, Neven; Vrbos, Nevenka. Compressive strength of calcium aluminate mortar determined by ultrasonic non-destructive test method. // <i>Advances in cement research</i> . <b>25</b> (2013); 3; 143-154	0,486 (2013.)	IK
117.	Škalamera, Đani; Mlinarić-Majerski, Kata; Uzelac, Lidija; Kralj, Marijeta; Wan, Peter; Basarić, Nikola. Photosolvolytic of bulky (4- hydroxyphenyl)naphthalene derivatives. // <i>Photochemical &amp; photobiological sciences</i> . <b>12</b> (2013); 2043-2056	2,939 (2013.)	IK
118.	Štajdohar, Jasenka; Ristić, Mira; Musić, Svetozar. The effect of experimental conditions on the microstructure of hematite particles precipitated by the forced hydrolysis of FeCl <sub>3</sub> solutions. // <i>Journal of molecular structure</i> . <b>1044</b> (2013); SI; 290-298	1,599 (2013.)	IK
119.	Šundov, Dinka; Čarić, Ana; Mrklić, Ivana; Gugić, Dijana; Čapkun, Vesna; Drmić-Hofman, Irena; Miše Petrić, Branka; Tomić, Snježana P53, MAPK, topoisomerase II alpha and Ki67 immunohistochemical expression and KRAS/BRAF mutation in ovarian serous carcinomas. // <i>Diagnostic pathology</i> . <b>8</b> (2013); 21-1-21- Article Number: 21	2,411 (2013.)	IK

120.	Švarc, Anera; Ukić, Šime; Radojević Lacković, Sandra; Đuričić, Biljana; Novak, Mirjana; Bolanča, Tomislav. Influence of ultrasonic and microwave irradiation on cation exchange properties of clay material. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 29-35	0,911 (2013.)	IK
121.	Ujević Bošnjak, Magdalena; Casiot, Corinne; Duić, Željko; Fazinić, Stjepko; Halamić, Josip; Sipoš, Laszlo; Santo, Vera; Dadić, Željko. Sediment characterization and its implications for arsenic mobilization in deep aquifers of eastern Croatia. // <i>Journal of geochemical exploration</i> . <b>126-127</b> (2013); 55-66	2,432 (2013.)	IK
122.	Ukić, Šime; Dimić, Petra; Šiljeg, Mario; Ujević Bošnjak, Magdalena; Šipušić, Juraj; Bolanča, Tomislav. Manganese waste mud immobilization in cement - natural zeolite - lime blend: Process optimization using artificial neural networks and multi-criteria functions. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>44</b> (2013); 4; 273-281	0,433 (2013.)	IK
123.	Ukić, Šime; Rogošić, Marko; Novak, Mirjana; Šimović, Ena; Tišler, Vesna; Bolanča, Tomislav. Optimization of IC separation based on isocratic- to-gradient retention modeling in combination with sequential searching or evolutionary algorithm. // <i>Journal of analytical methods in chemistry</i> . (2013); 549729-1-549729-11; Article ID 549729	0,948 (2013.)	IK
124.	Ukrainczyk, Neven; Franković Mihelj, Nirvana; Šipušić, Juraj. Calcium Sulfoaluminate eco-cement from industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 83-93	0,911 (2013.)	IK
125.	Veljković, Jelena; Antol, Ivana; Basarić, Nikola; Smrečki, Vilko; Molčanov, Krešimir; Müller, Norbert; Mlinarić-Majerski, Kata. Atropisomerism in 1-(2-Adamantyl)naphthalene derivatives. // <i>Journal of molecular structure</i> . <b>1046</b> (2013); 101-109	1,599 (2013.)	IK
126.	Vranješ Penava, Nina; Rek, Vesna; Fiamengo Houra, Ivona. Effect of EPDM as a compatibilizer on mechanical properties and morphology of PP/LDPE blends. // <i>Journal of elastomers and plastics</i> . <b>45</b> (2013); 4; 391-403	0,714 (2013.)	KI
127.	Vrsalović Presečki, Ana; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Mathematical modeling of maize starch liquefaction catalyzed by alpha-amylases from <i>Bacillus licheniformis</i> - effect of calcium, pH and temperature. // <i>Bioprocess and biosystems engineering</i> . <b>36</b> (2013); 1; 117-126	1,823 (2013.)	KI
128.	Vrsalović Presečki, Ana; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Complete starch hydrolysis by the synergistic action of amylase and glucoamylase: impact of calcium ions. // <i>Bioprocess and biosystems engineering</i> . <b>36</b> (2013); 11; 1555-1562	1,823 (2013.)	KI
129.	Vuk, Dragana; Potroško, Dalia; Šindler-Kulyk, Marija; Marinić, Željko; Molčanov, Krešimir; Kojić-Prodić, Biserka; Škorić, Irena. Synthesis and photochemical transformations of new butadiene chromophores: the influence of the nature and position of chlorine substituent on the photoinduced behavior. // <i>Journal of molecular structure</i> . <b>1051</b> (2013); 1-14	1,599 (2013.)	IK
130.	Vuković Domanovac, Marija; Čosić, Ivana; Sojčić, Martina; Briški, Felicita. Treatment of tobacco dust leachate by activated sludge - evaluation of biokinetic parameters. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 51-56	0,911 (2013.)	KI, IK
131.	Weitner, Tin; Kos, Ivan; Mandić, Zoran; Batinić-Haberle, Ines; Biruš, Mladen. Acid-base and electrochemical properties of manganese meso(ortho- and meta-N-ethylpyridyl)porphyrins: voltammetric and chronocoulometric study of protolytic and redox equilibria. // <i>Dalton transactions</i> . <b>42</b> (2013); 41; 14757-14765	4,097 (2013.)	IK
132.	Wittine, Karlo; Poljak, Kristina; Kovač, Matea; Makuc, Damjan; Plavec, Janez; Balzarini, Jan; Martinović, Tamara; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Mintas, Mladen. The novel [4, 5-e][1, 3]Diazepine-4, 8-dione and acyclic carbamoyl imino-ureido derivatives of imidazole: synthesis, anti-viral and anti-tumor activity evaluations. // <i>Molecules</i> . <b>18</b> (2013); 11; 13385-13397	2,095 (2013.)	IK
133.	Zrnčić, Snježana; Oraić, Dražen; Čaleta, Marko; Mihaljević, Željko; Zanella, Davor; Bilandžić, Nina. Biomonitoring of heavy metals in fish from the Danube River. // <i>Environmental monitoring and assessment</i> . <b>185</b> (2013), 2; 1189-1198	1,679 (2013.)	IK

134.	Žižek, Krunoslav; Hraste, Marin; Gomzi, Zoran. High shear granulation of dolomite – I : Effect of shear regime on process kinetics. // <i>Chemical engineering research &amp; design</i> . <b>91</b> (2013); 1; 70-86	2,281 (2013.)	KI
135.	Aleksić, Maja; Bertoša, Branimir; Nhili, Raja; Depauw, Sabine; Martin-Kleiner, Irena; David-Cordonnier, Marie-Helene; Tomić, Sanja; Kralj, Marijeta; Karminski-Zamola, Grace. Anilides and quinolones with nitrogen-bearing substituents from benzothiophene- and thienothiophene- series: synthesis, photochemical synthesis, cytostatic evaluation, 3D-derived QSAR analysis and DNA-binding properties. // <i>European journal of medicinal chemistry</i> . <b>71</b> (2014); 267-281	3,447 (2014.)	IK
136.	Alešković, Marija; Basarić, Nikola; Došlić, Nađa; Tomišić, Vladislav; Mlinarić-Majerski, Kata. HSO <sub>4</sub> <sup>-</sup> sensing based on proton transfer in H-bonding complexes. // <i>Supramolecular chemistry</i> . <b>26</b> (2014); 10/12; 850-855	2,394 (2014.)	IK
137.	Ašperger, Danijela; Ćurković, Lidija; Horvat, Alka J. M.; Kaštelan-Macan, Marija. Optimization condition for thin-layer identification of bronzes after anodic sampling. // <i>JPC. Journal of planar chromatography, modern TLC</i> . <b>27</b> (2014); 2; 84-87	0,670 (2013.)	IK
138.	Ašperger, Danijela; Tišler, Vesna; Zrnčić, Mirta; Mutavdžić Pavlović, Dragana; Babić, Sandra; Horvat, Alka J. M.; Kaštelan-Macan, Marija. HPLC–DAD–FLD Determination of veterinary pharmaceuticals in pharmaceutical industry wastewater with precolumn derivatization using fluorescamine. // <i>Chromatographia</i> . <b>77</b> (2014); 1059-1066	1,411 (2014.)	IK
139.	Basarić, Nikola; Mlinarić-Majerski, Kata; Kralj, Marijeta. Quinone methides: photochemical generation and its application in biomedicine. // <i>Current organic chemistry</i> . <b>18</b> (2014); 1; 3-18	2,157 (2014.)	IK
140.	Basarić, Nikola; Sohora, Margareta; Cindro, Nikola; Mlinarić-Majerski, Kata; De Clercq, Erik; Balzarini, Jan. Antiproliferative and Antiviral Activity of Three Libraries of Adamantane Derivatives. // <i>Archiv der pharmazie</i> . <b>347</b> (2014); 334-340	1,531 (2014.)	IK
141.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Cvetnić, Željko. Assessment of aflatoxin M1 contamination in the milk of four dairy species in Croatia. // <i>Food control</i> . <b>43</b> (2014); 18-21	2,806 (2014.)	IK
142.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Tanković, Sanin; Cvetnić, Željko. Seasonal effect on aflatoxin M1 contamination in raw and UHT milk from Croatia. // <i>Food control</i> . <b>40</b> (2014), 2; 260-264	2,806 (2014.)	IK
143.	Bilandžić, Nina; Gačić, Milica; Đokić, Maja; Sedak, Marija; Ivanec Šipušić, Đurđica; Končurat, Ana; Tlak Gajger, Ivana. Major and trace elements levels in multifloral and unifloral honeys in Croatia. // <i>Journal of food composition and analysis</i> . <b>33</b> (2014); 132-138	1,985 (2014.)	IK
144.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Trace elements content in cheese, cream and butter. // <i>Mljekarstvo</i> . <b>64</b> (2014), 3; 150-158	0,481 (2014.)	IK
145.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić, Đurđica; Končurat, Ana. Differences of the essential mineral element levels in the milk of Croatian Coldblood horse and Littoral-Dinaric donkey. // <i>Mljekarstvo</i> . <b>64</b> (2014), 1; 12-18	0,481 (2014.)	IK
146.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Brstilo, Mate; Šimić, Branimir. Determination of zinc concentrations in foods of animal origin, fish and shellfish from Croatia and assessment of their contribution to dietary intake. // <i>Journal of food composition and analysis</i> . <b>35</b> (2014), 2; 61-66	1,985 (2014.)	IK
147.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Končurat, Ana. Content of macro- and microelements in the milk of Croatian coldblood mares during lactation. // <i>Slovenian veterinary research</i> . <b>51</b> (2014), 4; 171-177	0,222 (2014.)	IK



148.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Zrnčić, Snježana; Oraić, Dražen; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica. Copper, iron, selenium, zinc and magnesium concentrations in oysters ( <i>Ostrea edulis</i> ) from the Croatian Adriatic coast. // <i>Slovenian veterinary research</i> . <b>51</b> (2014) , 3; 147-155	0,222 (2014.)	IK
149.	Bolanča, Tomislav; Ukić, Šime; Novak, Mirjana; Rogošić, Marko. Computer assisted method development in liquid chromatography. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 2; 111-122	0,728 (2014.)	IK
150.	Bolanča, Tomislav; Ukić, Šime; Peternel, Igor; Kušić, Hrvoje; Lončarić Božić, Ana. Artificial neural network models for advanced oxidation of organics in water matrix - Comparison of applied methodologies. // <i>Indian journal of chemical technology</i> . <b>21</b> (2014); 21-29	0,513 (2014.)	IK
151.	Bošković, Perica; Sokol, Vesna; Prkić, Ante; Giljanović, Josipa. Conductometric study of sodium chloride in aqueous 2- methylpropan-2-ol of mass fraction 0.10, 0.30, 0.50, 0.70, 0.80 and 0.90. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7; 3574-3587	1,500 (2014.)	IK
152.	Bralić, Marija; Buzuk, Marijo; Buljac, Maša; Brinić, Slobodan. Potentiometric studies on chemically and electrochemically prepared Sulfide active materials for determination of Copper(II). // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 4854-4865	1,500 (2014.)	IK
153.	Buljac, Maša; Bogner, Danijela; Bralić, Marija; Periš, Nenad; Buzuk, Marijo; Brinić, Slobodan; Vladislavić, Nives. Cadmium and lead distribution in marine soil sediments, terrestrial soil, terrestrial rock, and atmospheric particulate matter around Split, Croatia. // <i>Analytical letters</i> . <b>47</b> (2014); 11; 1952-1964	1,030 (2014.)	IK
154.	Buscaglia, Vincenzo; Tripathi, Saurabh; Petkov, Valeri; Dapiaggi, Monica; Deluca, Marco; Gajović, Andreja; Ren, Yang. Average and local atomic-scale structure in BaZr <sub>x</sub> Ti <sub>1-x</sub> O <sub>3</sub> (x=0.10, 0.20, 0.40) ceramics by high-energy x-ray diffraction and Raman spectroscopy. // <i>Journal of Physics : condensed matter</i> . <b>26</b> (2014); 065901-1-065901-13	2,346 (2014.)	IK
155.	Čurković, Lidija; Bolanča, Tomislav; Šiljeg, Mario; Foglar, Lucija. The kinetic modelling of Fe <sup>3+</sup> ion uptake by zeolite from water. // <i>Indian journal of chemical technology</i> . <b>21</b> (2014); 56-62	0,513 (2014.)	IK
156.	Čurković, Lidija; Ljubas, Davor; Šegota, Suzana; Bačić, Ivana. Photocatalytic degradation of Lissamine Green B dye by using nanostructured sol-gel TiO <sub>2</sub> films. // <i>Journal of alloys and compounds</i> . <b>604</b> (2014); 309-316	2,999 (2014.)	IK
157.	Deplaine, Harmony; Acosta-Santamaria, Victor A.; Vidaurre, Ana; Gomez Ribelles, Jose Luis; Doblare, Manuel; Ochoa, Ignacio; Gallego Ferrer, Gloria. Evolution of the properties of a poly(L-lactic acid) scaffold with double porosity during in vitro degradation in a phosphate-buffered saline solution. // <i>Journal of applied polymer science</i> . <b>131</b> (2014); Article number: 40956	1,768 (2014.)	IK
158.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir. Mass transfer of differently sized organic solutes at spacer covered and permeable nanofiltration wall. // <i>Chemical engineering journal</i> . <b>244</b> (2014); 152-159	4,321 (2014.)	IK
159.	Dražević, Emil; Košutić, Krešimir; Freger, Viatcheslav. Permeability and selectivity of reverse osmosis membranes: Correlation to swelling revisited. // <i>Water research</i> . <b>49</b> (2014); 444-452	5,528 (2014.)	IK
160.	Dražević, Emil; Košutić, Krešimir; Kolev, Vesselin; Freger, Viatcheslav. Does hindered transport theory apply to desalination membranes?. // <i>Environmental science &amp; technology</i> . <b>48</b> (2014); 19; 11471-11478	5,330 (2014.)	IK
161.	Faraguna, Fabio; Peter, Robert; Volovšek, Vesna; Jukić, Ante. Synthesis and characterization of alkyl ester functionalized multiwall carbon nanotubes. // <i>Journal of nanoscience and nanotechnology</i> . <b>14</b> (2014); 8; 6347-6354	1,556 (2014.)	IK
162.	Findrik, Zvezdana; Valentović, Ivana; Vasić-Rački, Đurđa. A mathematical model of oxidative deamination of amino acid catalyzed by two D-amino acid oxidases and influence of aeration on enzyme stability. // <i>Applied biochemistry and biotechnology</i> . <b>172</b> (2014); 6; 3092-3105	1,735 (2014.)	KI
163.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. A new sensing material for the potentiometric determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7; 3802-3818	1,500 (2014.)	KIP, IK

164.	Gazivoda Kraljević, Tatjana; Ilić, Nataša; Stepanić, Višnja; Sappe, Lana; Petranović, Jasna; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Synthesis and in vitro antiproliferative evaluation of novel N-alkylated 6-isobutyl- and propyl pyrimidine derivatives. // <i>Bioorganic &amp; Medicinal Chemistry Letters</i> . <b>24</b> (2014); 13; 2913-2917	2,420 (2014.)	IK
165.	Grčić, Ivana; Papić, Sanja; Mesec, Danijela; Koprivanac, Natalija; Vujević, Dinko. The kinetics and efficiency of UV assisted advanced oxidation of various types of commercial organic dyes in water. // <i>Journal of Photochemistry and Photobiology A: Chemistry</i> . <b>273</b> (2014); 49-58	2,495 (2014.)	IK
166.	Gudić, Senka; Oguzie, E. Emeka; Radonić, Ani; Vrsalović, Ladislav; Smoljko, Ivana; Kliškić, Maja. Inhibition of copper corrosion in chloride solution by caffeine isolated from black tea. // <i>Macedonian journal of chemistry and chemical engineering</i> . <b>33</b> (2014); 1; 13-25	0,533 (2014.)	IK
167.	Guerzoni, Samuele; Deplaine, Harmony; El Haskouri, Jamal; Amoros, Pedro; Monleon Pradas, Manuel; Edlund, Ulrica; Gallego Ferrer, Gloria. Combination of silica nanoparticles with hydroxyapatite reinforces poly (L-lactide acid) scaffolds without loss of bioactivity. // <i>Journal of bioactive and compatible polymers</i> . <b>29</b> (2014); 15-31	2,352 (2014.)	IK
168.	Jakovljević, Tamara; Cvjetko Bubalo, Marina; Orlović, Sanja; Sedak, Marija; Bilandžić, Nina; Brozinčević, Iva; Radojčić Redovniković, Ivana. Adaptive response of poplar ( <i>Populus nigra</i> L.) after prolonged Cd exposure period. // <i>Environmental science and pollution research</i> . <b>21</b> (2014) , 5; 3792-3802	2,828 (2014.)	IK
169.	Jurić, Antonija; Prkić, Ante; Giljanović, Josipa; Brkljača, Mia; Sokol, Vesna; Bošković, Perica; Vukušić, Tina. Determination of total fluoride content in teas by using fluoride ion-selective electrode. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 10; 5409-5415	1,500 (2014.)	IK
170.	Kaluža, Leon; Šuštaršič, Matej; Rutar, Vera; Zupančič, Gregor Drago. The re-use of Waste-Activated Sludge as part of a "zero-sludge" strategy for wastewater treatments in the pulp and paper industry. // <i>Bioresource technology</i> . <b>151</b> (2014); 137-143	4,494 (2014.)	KI
171.	Kassal, Petar; Šurina, Robert; Vrsaljko, Domagoj; Murković Steinberg, Ivana. Hybrid sol-gel thin films doped with a pH indicator : Effect of organic modification on optical pH response and surface hydrophobicity. // <i>Journal of sol-gel science and technology</i> . <b>69</b> (2014); 3; 586-595	1,532 (2014.)	IK
172.	Katančić, Zvonimir; Kratožil Krehula, Ljerka; Ptiček Siročić, Anita; Grozdanić, Vedrana; Hrnjak-Murčić, Zlata. Effect of modified nanofillers on fire retarded HDPE/Wood composites. // <i>Journal of composite materials</i> . <b>48</b> (2014); 30; 3771-3783	1,173 (2014.)	KI, IK
173.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata. Flammability and thermal properties of zeolite filled high-impact polystyrene composites. // <i>Polymer-plastics technology and engineering</i> . <b>53</b> (2014); 14; 1487-1493	1,481 (2012.)	KI, IK
174.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata; Jelenčić, Jasenka. Thermal decomposition of fire-retarded high-impact polystyrene and high-impact polystyrene/ethylene-vinyl acetate blend nanocomposites followed by thermal analysis. // <i>Journal of elastomers and plastics</i> . <b>46</b> (2014); 3; 233-252	0,773 (2014.)	KI, IK
175.	Katić, Višnja; Čurković, Lidija; Ujević Bošnjak, Magdalena; Špalj, Stjepan. Determination of corrosion rate of orthodontic wires based on nickel-titanium alloy in artificial saliva. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>45</b> (2014); 2; 99-105	0,425 (2014.)	IK
176.	Katić, Višnja; Otmačić Čurković, Helena; Semenski, Damir; Baršić, Gorana; Marušić, Katarina; Špalj, Stjepan. Influence of surface layer on mechanical and corrosion properties of nickel-titanium orthodontic wires. // <i>Angle orthodontist</i> . <b>84</b> (2014); 6; 1041-1048	1,225 (2014.)	IK
177.	Keav, Sylvain; de los Monteros, Alejandra Espinosa; Barbier, Jacques, Jr.; Duprez, Daniel. Wet air oxidation of phenol over Pt and Ru catalysts supported on cerium-based oxides: Resistance to fouling and kinetic modelling. // <i>Applied catalysis B- Environmental</i> . <b>150</b> (2014); 402-410	7,435 (2014.)	KI

178.	Kereković, Irena; Milardović, Stjepan; Palčić, Marina; Grabarić, Zorana. Characterization of cysteamine self assembled on gold functionalized with nitriлотriacetic acid and evaluation of copper(II) binding capacity with adsorption transfer stripping voltammetry. // <i>Journal of electroanalytical chemistry</i> . <b>724</b> (2014); 103-110	2,729 (2014.)	KIP, IK
179.	Klarić, Eva; Rakić, Mario; Marciuš, Marijan; Ristić, Mira; Sever, Ivan; Tarle, Zrinka. Optical effects of experimental light-activated bleaching procedures. // <i>Photomedicine and laser surgery</i> . <b>32</b> (2014); 3; 160-167	1,672 (2014.)	IK
180.	Kopčić, Nina; Vuković Domanovac, Marija; Kučić, Dajana; Briški, Felicita. Evaluation of laboratory-scale in-vessel co-composting of tobacco and apple waste. // <i>Waste management</i> . <b>34</b> (2014); 2; 323-328	3,220 (2014.)	KI, IK
181.	Kosović, Marin; Gamulin, Ozren; Balarin, Maja; Ivanda, Mile; Đerek, Vedran; Ristić, Davor; Marciuš, Marijan; Ristić, Mira. Phonon confinement effects in Raman spectra of porous silicon at non-resonant excitation condition. // <i>Journal of Raman spectroscopy</i> . <b>45</b> (2014); 6; 470-475	2,671 (2014.)	IK
182.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera. Effect of beta-alanine dietary supplementatiton on concentration of carnosine and quality of broiler muscle tissue. // <i>Journal of poultry science</i> . <b>51</b> (2014); 2; 151-156	0,802 (2014.)	IK
183.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Ptiček Siročić, Anita; Hrnjak-Murgić, Zlata. Weathering of high density polyethylene-wood plastic composites. // <i>Journal of wood chemistry and technology</i> . <b>34</b> (2014); 1; 39-54	1,588 (2014.)	KI, IK
184.	Kurajica, Stanislav; Popović, Jasminka; Gazivoda, Tatjana; Tkalčec Čižmek, Emilija; Simčić, Ivan; Mandić, Vilko; Altomare, Angela; Moliterni, Anna; Rocquefelte, Xavier. A structural investigation of tris(ethyl acetoacetate)aluminium (III). // <i>Journal of sol-gel science and technology</i> . <b>71</b> (2014); 217-223	1,532 (2014.)	IK
185.	Kurajica, Stanislav; Škorić, Irena; Lozić, Iva; Mandić, Vilko. Ethyl acetoacetate ligand distribution in the course of titanium n-butoxide chelation. // <i>Materials chemistry and physics</i> . <b>147</b> (2014); 3; 1058-1067	2,259 (2014.)	IK
186.	Lazarus, Maja; Prevendar Crnić, Andreja; Bilandžić, Nina; Kusak, Josip; Reljić, Slaven. Cadmium, lead, and mercury exposure assessment among Croatian consumers of free-living game. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>65</b> (2014) , 3; 281-292	0,932 (2014.)	IK
187.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance of electrochemically modified graphite. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 2; 366-375	0,686 (2014.)	IK
188.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Concept of spatial surface heterogeneity in impedance modelling of electrochemically activated glass-like carbon electrode. // <i>Electrochimica acta</i> . <b>117</b> (2014); 310-321	4,504 (2014.)	IK
189.	Majić Renjo, Marijana; Čurković, Lidija; Štefančić, Sanja; Čorić, Danko. Indentation size effect of Y-TZP dental ceramics. // <i>Dental materials</i> . <b>30</b> (2014); 12; e371-e376	3,769 (2014.)	IK
190.	Majić Renjo, Marijana; Rede, Vera; Čurković, Lidija. Reverse indentation size effect of a duplex steel. // <i>Kovové materiály</i> . <b>52</b> (2014); 5; 299-304	0,406 (2014.)	IK
191.	Majić Renjo, Marijana; Čurković, Lidija; Čorić, Danko. Influence on surface roughness of alumina ceramics on indentation size. // <i>Materials testing</i> . <b>56</b> (2014); 1; 32-39	0,335 (2014.)	IK
192.	Mandić, Vilko; Tkalčec Čižmek, Emilija; Kurajica, Stanislav. The effect of La <sub>2</sub> O <sub>3</sub> addition on sol-gel derived mullitization. // <i>Journal of the American ceramic society</i> . <b>97</b> (2014); 7; 2264-2271	2,610 (2014.)	IK
193.	Manzano, Sara; Poveda-Reyes, Sara; Gallego Ferrer, Gloria; Ochoa, Ignacio; Hamdy Doweidar, Mohamed. Computational analysis of cartilage implants based on an interpenetrated polymer network for tissue repairing. // <i>Computer methods and programs in biomedicine</i> . <b>116</b> (2014); 249-259	1,897 (2014.)	IK
194.	Marović, Danijela; Tarle, Zrinka; Hiller Karl-Anton; Mueller Rainer; Ristić, Mira; Rosentritt, Martin; Škrtić, Drago; Schmalz, Gottfried. Effect of silanized nanosilica addition on remineralizing and mechanical properties of experimental composite materials with amorphous calcium phosphate. // <i>Clinical oral investigations</i> . <b>18</b> (2014); 3; 783-792	2,352 (2014.)	IK

195.	Marušić, Katarina; Hajdari, Zana; Otmačić Ćurković, Helena. Optimizing the preparation procedure of self- assembled monolayer of stearic acid for protection of cupronickel alloy. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 328-339	0,686 (2014.)	IK
196.	Mastelić Samardžić, Zrinka; Jelčić, Želimir; Zrnčević, Stanka. Kinetics and mass transfer in the hydrogenation of 2-((1-benzyl-1, 2, 3, 6-tetrahydropyridin-4-yl)methylene)-5, 6-dimethoxy-2, 3-dihydroinden-1-one hydrochloride over Pt/C catalyst. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 4; 437-445	0,802 (2014.)	KI
197.	Meštrović, Jakov; Drmić-Hofman, Irena; Pogorelić, Zenon; Vilović, Katarina; Šupe-Domić, Daniela; Šešelja-Perišin, Ana; Čapkun, Vesna. Beneficial effect of nifedipine on testicular torsion-detorsion injury in rats. // <i>Urology</i> . <b>84</b> (2014); 5; 1194-1198	2,188 (2014.)	IK
198.	Milovac, Dajana; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: Morphology, mechanical properties and bioactivity. // <i>Materials science and engineering: C, Materials for biological applications</i> . <b>34</b> (2014); 437-445	3,088 (2014.)	KI, IK
199.	Milovac, Dajana; Gamboa-Martínez Tatiana C.; Ivanković, Marica; Gallego Ferrer, Gloria; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: in vitro cell culture studies. // <i>Materials science and engineering: C, Materials for biological applications</i> . <b>42</b> (2014); 264-272	3,088 (2014.)	KI, IK
200.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Blažek, Dijana; Župan, Josip. The sorption of sulfamethazine on soil samples: Isotherms and error analysis. // <i>Science of the total environment</i> . <b>497-498</b> (2014); 543-552	4,099 (2014.)	IK
201.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Fly ash-based geopolymeric adsorbent for copper ion removal from wastewater. // <i>Desalination and water treatment</i> . <b>52</b> (2014); 13/15; 2519-2526	1,173 (2014.)	KI
202.	Neto, Ana I.; Cibrao, Ana C.; Correia, Clara R.; Carvalho, Rita R.; Luz, Gisela M.; Ferrer, Gloria G.; Botelho, Gabriela; Picart, Catherine; Alves, Natalia M.; Mano, Joao F. Nanostructured polymeric coatings based on chitosan and dopamine-modified hyaluronic acid for biomedical applications. // <i>Small</i> . <b>10</b> (2014) 2459-2469	8,368 (2014.)	IK
203.	Ocelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Effect of polymer modifiers on the properties of bitumen. // <i>Journal of elastomers and plastics</i> . <b>46</b> (2014); 5; 448-469	0,773 (2014.)	KI
204.	Ocelić Bulatović, Vesna; Rek, Vesna; Marković, Josipa. Rheological properties of bitumen modified with ethylene butylacrylate glycidylmethacrylate. // <i>Polymer engineering and science</i> . <b>54</b> (2014); 5; 1056-1065	1,520 (2014.)	KI
205.	Palčić, Marina; Milardović, Stjepan; Kereković, Irena; Grabarić, Zorana. Application of nitrilotriacetic acid modified gold electrode for determination of lead in natural waters with differential pulse adsorptive cathodic stripping voltammetry. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7; 3701-3714	1,500 (2014.)	KIP, IK
206.	Papić, Sanja; Peternel, Igor; Krevzelj, Željko; Kušić, Hrvoje; Koprivanac, Natalija. Advanced oxidation of an azo dye and its synthesis intermediates in aqueous solution: effect of Fenton treatment on mineralization, biodegradability and toxicity. // <i>Environmental Engineering and Management Journal</i> . <b>13</b> (2014); 10; 2561-2571	1,065 (2014.)	IK
207.	Pavelin, Sanda; Bečić, Kristijan; Forempoher, Gea; Tomić, Snježana; Čapkun, Vesna; Drmić-Hofman, Irena; Mrklić, Ivana; Lušić, Ivo; Pogorelić, Zenon The significance of immunohistochemical expression of merlin, Ki-67, and p53 in meningiomas. // <i>Applied immunohistochemistry &amp; molecular morphology</i> . <b>22</b> (2014); 1; 46-49	2,012 (2014.)	IK
208.	Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>European journal of medicinal chemistry</i> . <b>80</b> (2014); 218-227	3,447 (2014.)	IK
209.	Periša, Martina; Babić, Sandra. Simultaneous determination of pharmaceuticals and some of their metabolites in wastewaters by high performance liquid chromatography-tandem mass spectrometry. // <i>Journal of separation science</i> . <b>37</b> (2014.); 1289-1296	2,737 (2014.)	IK
210.	Petrović, Željka; Ristić, Mira; Musić, Svetozar. Development of ZnO microstructures produced by rapid hydrolysis of zinc acetylacetonate. // <i>Ceramics international</i> . <b>40</b> (2014); 7/Part B; 10953-10959	2,605 (2014.)	IK

211.	Plodinec, Milivoj; Gajović, Andreja; Iveković, Damir; Tomašić, Nenad; Zimmerman, Boris; Macan, Jelena; Haramina, Tatjana; Su, DangSeng; Willinger, Marc. Study of thermal stability of (3-aminopropyl)trimethoxy silane-grafted titanate nanotubes for application as nanofillers in polymers. // <i>Nanotechnology</i> . <b>25</b> (2014); 435601-435614	3,821 (2014.)	IK
212.	Plodinec, Milivoj; Gajović, Andreja; Jakša, Gregor; Žagar, Kristina; Čeh, Miran. High-temperature hydrogenation of pure and silver- decorated titanate nanotubes to increase their solar absorbance for photocatalytic applications. // <i>Journal of alloys and compounds</i> . <b>591</b> (2014); 147-155	2,999 (2014.)	IK
213.	Plodinec, Milivoj; Šantić, Ana; Zavašnik, Janez; Čeh, Miran; Gajović, Andreja. Giant persistent photoconductivity in BaTiO <sub>3</sub> /TiO <sub>2</sub> heterostructures. // <i>Applied physics letters</i> . <b>105</b> (2014); 152101-1-152101-5	3,302 (2014.)	IK
214.	Ptiček Siročić, Anita; Rešček, Ana; Hrnjak-Murgić, Zlata. Polyethylene nanocomposites filled with modified nanoparticles. // <i>Polymer-plastics technology and engineering</i> . <b>53</b> (2014); 8; 811-817	1,481 (2012.)	KI, IK
215.	Ptiček Siročić, Anita; Rešček, Ana; Ščetar, Mario; Kratofil Krehula, Ljerka; Hrnjak-Murgić, Zlata. Development of low density polyethylene nanocomposites films for packaging. // <i>Polymer bulletin</i> . <b>71</b> (2014); 3; 705-717	1,438 (2014.)	KI, IK
216.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Kinetic analysis of thermal and thermo-oxidative degradation of polyethylene (nano)composites. // <i>Composite interfaces</i> . <b>21</b> (2014); 3; 179-189	0,726 (2014.)	KI, IK
217.	Pustaj, Gordana; Kapor, Frankica; Kvasnička, Predrag. Inhibition properties and adsorption behavior of olive leaf extract on N80 carbon steel in CO <sub>2</sub> - saturated brine solution. // <i>International journal of materials research</i> . <b>105</b> (2014); 10; 992-998	0,639 (2014.)	IK
218.	Pustak, Anđela; Leskovac, Mirela; Denac, Matjaž; Švab, Iztok; Pohleven, Janez; Makarovič, Matjaž; Musil, Vojko; Šmit, Ivan. Interfacial and mechanical properties of polypropylene/silica nano- and microcomposites. // <i>Journal of reinforced plastics and composites</i> . <b>33</b> (2014); 9; 851-861	1,503 (2014.)	IK
219.	Rezić, Iva; Ćurković, Lidija; Ujević, Magdalena. Investigation of metal ion release from violin, viola and cello strings after dissolution in corrosive solution. // <i>Materials and corrosion</i> . <b>65</b> (2014); 9; 931-934	1,373 (2014.)	IK
220.	Ristić, Mira; Marcuš, Marijan; Petrović, Željka; Ivanda, Mile; Musić, Svetozar. The influence of experimental conditions on the formation of ZnO fibers by electrospinning. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 4; 315-320	0,728 (2014.)	IK
221.	Ristić, Mira; Marcuš, Marijan; Petrović, Željka; Musić, Svetozar. Dependence of NiO microstructure on the electrospinning conditions. // <i>Ceramics international</i> . <b>40</b> (2014); 7/Part A; 10119-10123	2,605 (2014.)	IK
222.	Rogošić, Marko; Sander, Aleksandra; Pantaler, Martina. Application of 1-pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide for desulfurization, denitrification and dearomatization of FCC gasoline. // <i>Journal of Chemical Thermodynamics</i> . <b>76</b> (2014); 1-15	2,679 (2014.)	KI, IK
223.	Sakač, Nikola; Regušić, Lidija; Sak-Bosnar, Milan; Jozanović, Marija; Breslauer, Nevenka. Direct potentiometric determination of ptyalin in saliva. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 7097-7109	1,500 (2014.)	IK
224.	Samardžić, Mirela; Galović, Olivera; Petrušić, Sanja; Sak-Bosnar, Milan. The analysis of anionic surfactants in effluents using a DDA-TBP potentiometric sensor. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 11; 6166-6181	1,500 (2014.)	KIP, IK
225.	Sander, Aleksandra; Penović, Tomislav. Droplet size distribution obtained by atomization with two-fluid nozzles in a spray dryer. // <i>Chemical engineering &amp; technology</i> . <b>37</b> (2014); 12; 2073-2084	2,442 (2014.)	KI
226.	Sedjame, Henri-Joel; Fontaine, Celine; Lafaye, Gwendoline; Barbier, Jacques, Jr. On the promoting effect of the addition of ceria to platinum based alumina catalysts for VOCs oxidation. // <i>Applied catalysis B-Environmental</i> . <b>144</b> (2014); 233-242	7,435 (2014.)	KI
227.	Skoko, Božena; Marović, Gordana; Babić, Dinko. Radioactivity in the Mediterranean flora of the Kaštela Bay, Croatia. // <i>Journal of environmental radioactivity</i> . <b>135</b> (2014); 36-43	2,483 (2014.)	IK

228.	Sohora, Margareta; Šumanovac Ramljak, Tatjana; Mlinarić-Majerski, Kata; Basarić, Nikola. Photodecarboxylation of N-Adamantyl- and N-Phenylphthalimide dipeptide derivatives. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 4; 431-446	0,728 (2014.)	IK
229.	Sopčić, Suzana; Mandić, Zoran; Kraljić Roković, Marijana. Some factors influencing power and energy capabilities of RuO <sub>2</sub> supercapacitors. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 2; 272-279	0,686 (2014.)	IK
230.	Sović, Irena; Kraljević Pavelić, Sandra; Markova-Car, Elitza; Ilić, Nataša; Nhili, Raja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Karminski-Zamola, Grace. Novel phenyl and pyridyl substituted derivatives of isoindolines: Synthesis, antitumor activity and DNA binding features. // <i>European journal of medicinal chemistry</i> . <b>87</b> (2014); 24; 372-385	3,447 (2014.)	IK
231.	Steinberg, Matthew D.; Kassal, Petar; Tkalčec, Biserka; Murković Steinberg, Ivana. Miniaturised wireless smart tag for optical chemical analysis applications. // <i>Talanta</i> . <b>118</b> (2014); 375-381	3,545 (2014.)	IK
232.	Steinberg, Matthew D.; Žura, Ivan; Murković Steinberg, Ivana. Wireless smart tag with on-board conductometric chemical sensor. // <i>Sensors and actuators. B, Chemical</i> . <b>196</b> (2014); 208-214	4,097 (2014.)	IK
233.	Stipišić, Angela; Veršić-Bratinčević, Maja; Knezović, Zlatka; Sutlović, Davorka. Metal content in medieval skeletal remains from Southern Croatia. // <i>Journal of archaeological science</i> . <b>46</b> (2014); 393-400	2,196 (2014.)	IK
234.	Sudar, Martina; Findrik, Zvezdana; Vuković Domanovac, Marija; Vasić-Rački, Đurđa. Coenzyme regeneration catalyzed by NADH oxidase from <i>Lactococcus lactis</i> . // <i>Biochemical engineering journal</i> . <b>88</b> (2014); 12-18	2,467 (2014.)	KI
235.	Sutlović, Davorka; Veršić Bratinčević, Maja; Definis-Gojanović, Marija. Blood alcohol stability in post mortem blood samples. // <i>American journal of forensic medicine and pathology</i> . <b>35</b> (2014); 1; 55-58	0,701 (2014.)	IK
236.	Sutlović, Davorka; Ščepanović, Antonija; Bošnjak, Marinko; Veršić-Bratinčević, Maja; Definis-Gojanović, Marija. The role of alcohol in road traffic accidents with fatal outcome : ten-year period in Croatia Split-Dalmatia County. // <i>Traffic injury prevention</i> . <b>15</b> (2014); 3; 222-227	1,413 (2014.)	IK
237.	Šagud, Ivana; Božić, Simona; Marinić, Željko; Šindler-Kulyk, Marija. Photochemical approach to functionalized benzobicyclo[3.2.1]octene structures via fused oxazoline derivatives from 4- and 5-(o-vinylstyryl)oxazoles. // <i>Beilstein journal of organic chemistry</i> . <b>10</b> (2014); 2222-2229	2,757 (2014.)	IK
238.	Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna; Mazzucato, Ugo. Photoisomerization and photocyclization of 5-styryloxazole. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 4; 327-333	0,728 (2014.)	IK
239.	Šalić, Anita; Zelić, Bruno. ADH catalysed hexanol oxidation with fully integrated NADH regeneration performed in microreactors connected in series. // <i>RSC Advances</i> . <b>4</b> (2014); 41714-41721	3,840 (2014.)	KI, IK
240.	Šimunek, Marina; Režek Jambrak, Anet; Dobrović, Slaven; Herceg, Zoran; Vukušić, Tomislava. Rheological properties of ultrasound treated apple, cranberry and blueberry juice and nectar. // <i>Journal of food science and technology</i> . <b>51</b> (2014) , 12; 3577-3593	2,203 (2014.)	IK
241.	Škalamera, Đani; Mlinarić-Majerski, Kata; Martin-Kleiner, Irena; Kralj, Marijeta; Wan, Peter; Basarić, Nikola. Near-visible light generation of a quinone methide from 3-hydroxymethyl-2-anthrol. // <i>Journal of organic chemistry</i> . <b>79</b> (2014); 10; 4390-4397	4,721 (2014.)	IK
242.	Šoštarić, Igor; Nežić, Igor; Jović, Franjo; Marčelić, Eugen; Meštrović, Ernest; Zrnčević, Stanka. Modeling-based development of an enantioselective hydrogenation reaction of a sitagliptine intermediate. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 1; 1-11	0,802 (2014.)	KI
243.	Šumanovac Ramljak, Tatjana; Sohora, Margareta; Antol, Ivana; Kontrec, Darko; Basarić, Nikola; Mlinarić-Majerski, Kata. Memory of chirality in the phthalimide photocyclization of adamantane dipeptides. // <i>Tetrahedron letters</i> . <b>55</b> (2014); 4078-4081	2,379 (2014.)	IK
244.	Tarbuk, Anita; Grancarić, Anamarija; Leskovac, Mirela. Novel cotton cellulose by cationisation during the mercerisation process - Part 1: Chemical and morphological changes. // <i>Cellulose</i> . <b>21</b> (2014); 3; 2167-2179	3,573 (2014.)	IK

245.	Tarbuk, Anita; Grancarić, Anamarija; Leskovic, Mirela. Novel cotton cellulose by cationisation during mercerisation - Part 2: Interface phenomena. // <i>Cellulose</i> . <b>21</b> (2014); 3; 2089-2099	3,573 (2014.)	IK
246.	Tišma, Marina; Molnar, Maja; Škarica, Marija; Čačić, Milan; Zelić, Bruno. Laccase inhibiting activity of some coumarin derivatives. // <i>Letters in organic chemistry</i> . <b>11</b> (2014); 583-589	0,664 (2014.)	KI, IK
247.	Tkalčec, Emilija; Popović, Jasminka; Orlić, Sebastijan; Milardović, Stjepan; Ivanković, Hrvoje. Hydrothermal synthesis and thermal evolution of carbonate-fluorhydroxyapatite scaffold from cuttlefish bones. // <i>Materials science and engineering C, Materials for Biological Applications</i> . <b>42</b> (2014); 578-586	3,088 (2014.)	KIP, KI, IK
248.	Tusić, Marko; Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa. Operational stability of glucoamylase in continuously operated ultrafiltration membrane reactor – experimental methods and mathematical model. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 4; 473-480	0,802 (2014.)	KI
249.	Ukić, Šime; Mandić, Vilko; Buić, Zdenko; Bolanča, Tomislav; Zelić, Bruno; Kurajica, Stanislav; Novak, Mirjana. Sorption kinetics and structural investigations of acid and alkali pretreated bentonite used for ammonium and phosphate removal from petrochemical wastewater. // <i>Fresenius environmental bulletin</i> . <b>23</b> (2014); 5; 1260-1270	0,378 (2014.)	KI, IK
250.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography—Part I: Conventional QSRR approach. // <i>Chromatographia</i> . <b>77</b> (2014); 985-996	1,411 (2014.)	IK
251.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part II: Artificial intelligence QSRR approach. // <i>Chromatographia</i> . <b>77</b> (2014); 997-1007	1,411 (2014.)	IK
252.	Valinger, Davor; Vrsalović Presečki, Ana; Kurtanjek, Želimir; Pohl, Martina; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Continuous enzymatic carbonylation of benzaldehyde and acetaldehyde in an enzyme ultrafiltration membrane reactor and laminar flow microreactors. // <i>Journal of Molecular Catalysis B: Enzymatic</i> . <b>102</b> (2014); 132-137	2,128 (2014.)	KI
253.	Vikingsson, L.; Gallego Ferrer, G.; Gomez-Tejedor, J. A.; Gomez Ribelles, J. L. An "in vitro" experimental model to predict the mechanical behavior of macroporous scaffolds implanted in articular cartilage. // <i>Journal of the mechanical behavior of biomedical materials</i> . <b>32</b> (2014) 125-131	3,417 (2014.)	IK
254.	Vladislavić, Nives; Brinić, Slobodan; Grubač, Zoran; Buzuk, Marijo. Study of bismuth film formation on different carbon based electrodes for possible applicability in electroanalytical determination of cysteine. // <i>International journal of electrochemical science</i> . <b>9</b> (2014); 11; 6020-6032	1,500 (2014.)	IK
255.	Volovšek, Vesna; Dananić, Vladimir; Bistričić, Lahorija; Movre Šapić, Iva; Furić Krešimir. Raman study of vibrational dynamics of aminopropylsilanetriol in gas phase. // <i>Spectrochimica acta part A: Molecular and biomolecular spectroscopy</i> . <b>117</b> (2014); 478-484	2,353 (2014.)	IK
256.	Vrankić, Martina; Žagar, Kristina; Bijelić, Mirjana; Popović, Jasminka; Gržeta, Biserka; Kurajica, Stanislav. Microstructure of sol-gel derived Mn-doped gahnite: Correlation of TEM and XRD investigations. // <i>Journal of physics and chemistry of solids</i> . <b>75</b> (2014); 11; 1240-1244	1,853 (2014.)	IK
257.	Vuk, Dragana; Kikaš, Ilijana; Molčanov, Krešimir; Horváth, Ottó; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of thiophene and furan derivatives: the impact of the type and position of the heteroatom. // <i>Journal of molecular structure</i> . <b>1063</b> (2014); 83-91	1,602 (2014.)	IK
258.	Vuk, Dragana; Marinić, Željko; Molčanov, Krešimir; Margetić, Davor; Škorić, Irena. Thermal electrocyclization reactions II: benzoocatetraenes and benzodecapentaenes. // <i>Tetrahedron</i> . <b>70</b> (2014); 886-891	2,641 (2014.)	IK
259.	Vuk, Dragana; Marinić, Željko; Škorić, Irena. Photochemical approach to new polycyclic substrates suitable for further photocatalytic functionalization. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 465-473	0,728 (2014.)	IK

260.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Weak interactions direct crystal packings of arylated 1, 3-butadienes. // <i>Journal of molecular structure</i> . <b>1065-1066</b> (2014); 43-51	1,602 (2014.)	IK
261.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Novel arylated chloro- and methoxy-1, 3-dibutadienes: influence of substituents on molecular conformation and crystal packing. // <i>Journal of molecular structure</i> . <b>1068</b> (2014); 124-129	1,602 (2014.)	IK
262.	Zrnčić, Mirta; Gros, Meritxell; Babić, Sandra; Kaštelan-Macan, Marija; Barcelo, Damia; Petrović Mira. Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. // <i>Chemosphere</i> . <b>99</b> (2014); 224-232	3,340 (2014.)	IK
263.	Žegarac, Miroslav; Lekšić, Edislav; Šket, Primož; Plavec, Janez; Devčić Bogdanović, Maja; Bučar, Dejan-Krešimir; Dumić, Miljenko; Meštrović, Ernest. A sildenafil cocrystal based on acetylsalicylic acid exhibits an enhanced intrinsic dissolution rate. // <i>Crystal engineering communication</i> . <b>16</b> (2014); 32-35	4,034 (2014.)	IK
264.	Žižek, Krunoslav; Hraste, Marin; Gomzi, Zoran. High shear granulation of dolomite - II: Effect of amount of binder liquid on process kinetics. // <i>Chemical engineering research and design</i> . <b>92</b> (2014); 1091-1106	2,348 (2014.)	KI
265.	Žura, Ivan; Babić, Dinko; Steinberg, Matthew D.; Murković Steinberg, Ivana. Low-Cost Conductometric Transducers for Use in Thin Polymer Film Chemical Sensors. // <i>Sensors and actuators. B, Chemical</i> . <b>193</b> (2014); 128-135	4,097 (2014.)	IK
266.	Aračić, Nada; Roje, Damir; Drmić-Hofman, Irena; Čapkun, Vesna; Stefanović, Vedran. Low molecular weight heparin treatment and impact of inherited thrombophilia type in pregnancies with previous adverse outcome. // <i>Journal of maternal-fetal &amp; neonatal medicine</i> . <b>28</b> (2015); 3; 306-310	1,674 (2015.)	IK
267.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena. Photolytic and thin TiO <sub>2</sub> film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . <b>22</b> (2015); 15; 11372-11386	2,760 (2015.)	IK
268.	Basarić, Nikola; Clementi, Catia; Carlotti, Benedetta; Alešković, Marija; Elisei, Fausto. Photophysics of cyanophenylpyrroles: investigation of solvatochromic properties and charge transfer by ultrafast spectroscopy and DFT calculations. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>299</b> (2015); 94-102	2,477 (2015.)	IK
269.	Basarić, Nikola; Thomas, S. Suma; Blažek Bregović, Vesna; Cindro, Nikola; Bohne, Cornelia. Phototautomerization in pyrrolylphenylpyridine terphenyl systems. // <i>Journal of organic chemistry</i> . <b>80</b> (2015); 9; 4430-4442	4,785 (2015.)	IK
270.	Berger, Michael L.; Maciejewska, Dorota; Vanden Eynde, Jean Jacques; Mottamal, Madhusoodanan; Żabiński, Jerzy; Kaźmierczaki, Paweł; Rezler, Mateusz; Jarak, Ivana; Piantanida, Ivo; Karminski-Zamola, Grace; Mayence, Annie; Rebernik, Patrick; Kumar, Arvind; Ismail, Mohamed A.; Boykin, David W.; Huang, Tien L. Pentamidine analogs as inhibitors of [3H]MK-801 and [3H]ifenprodil binding to rat brain NMDA receptors. // <i>Bioorganic &amp; medicinal chemistry</i> . <b>23</b> (2015); 4489-4500	2,923 (2015.)	IK
271.	Bilandžić, Nina; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Cvetnić, Luka; Cvetnić, Željko. Distribution of sulfamonomethoxine and trimethoprim in egg yolk and white. // <i>Food chemistry</i> . <b>178</b> (2015); 32-37	4,052 (2015.)	IK
272.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Džafić, Natalija; Mišetić Ostojić, Dijana; Potočnjak, Dalibor. Metal content in four shellfish species from the Istrian coast of Croatia. // <i>Bulletin of environmental contamination and toxicology</i> . <b>95</b> (2015); 611-617	1,191 (2015.)	IK
273.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica. Determination of macro and microelements in cow, goat and human milk using inductively coupled plasma optical emission spectrometry. // <i>Spectroscopy letters</i> . <b>48</b> (2015); 9; 677-684	0,885 (2015.)	IK
274.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Macro- and microelement content differences between milk and yoghurt. // <i>Archives of biological sciences</i> . <b>67</b> (2015); 4; 1391-1397	0,367 (2015.)	IK



275.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Vrbić, Antonija. Content of macro- and microelements and evaluation of the intake of different dairy products consumed in Croatia. // <i>Journal of food composition and analysis</i> . <b>40</b> (2015); 143-147	2,780 (2015.)	IK
276.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Šimić, Branimir. Concentration of mercury and selenium concentrations in the tissues of five cetacean species from Croatian coastal waters. // <i>Archives of biological sciences</i> . <b>67</b> (2015), 4; 1377-1389	0,367 (2015.)	IK
277.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Tanković, Sanin; Potočnjak, Dalibor; Cvetnić, Željko. Monitoring of aflatoxin M1 in raw milk during four seasons in Croatia. // <i>Food control</i> . <b>54</b> (2015); 331-337	3,388 (2015.)	IK
278.	Bistričić, Lahorija; Borjanović, Vesna; Leskovac, Mirela; Mikac, Lara; McGuire, GE; Shenderova, Olga; Nunn, Nick. Raman spectra, thermal and mechanical properties of poly(ethylene terephthalate) carbon-based nanocomposite films. // <i>Journal of polymer research</i> . <b>22</b> (2015); 3; 39-1-39-12	1,969 (2015.)	IK
279.	Bituh, Tomislav; Petrinc, Branko; Skoko, Božena; Vučić, Zlatko; Marović, Gordana. Measuring and modelling the radiological impact of a phosphogypsum deposition site on the surrounding environment. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>66</b> (2015); 31-40	0,971 (2015.)	IK
280.	Blažek Bregović, Vesna; Basarić, Nikola; Mlinarić-Majerski, Kata. Anion binding with urea and thiourea derivatives. // <i>Coordination chemistry reviews</i> . <b>295</b> (2015); 80-124	12,994 (2015.)	IK
281.	Blažek Bregović, Vesna; Halasz, Ivan; Basarić, Nikola; Mlinarić-Majerski, Kata. Anthracene adamantylbisurea receptors: switching of anion binding by photocyclization. // <i>Tetrahedron</i> . <b>71</b> (2015); 9321-9327	2,645 (2015.)	IK
282.	Bralić, Marija; Buljac, Maša; Prkić, Ante; Buzuk, Marijo; Brinić, Slobodan. determination fluoride in products for oral hygiene using flow-injection (FIA) and continuous analysis (CA) with home-made FISE. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 2253-2264	1,692 (2015.)	IK
283.	Budžaki, Sandra; Šalić, Anita; Zelić, Bruno; Tišma, Marina. Enzyme catalyzed biodiesel production from edible and waste cooking oil. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 329-333	0,675 (2015.)	KI, IK
284.	Čindro, Nikola; Antol, Ivana; Mlinarić-Majerski, Kata; Halasz, Ivan; Wan, Peter; Basarić, Nikola. Reactivity of cations and zwitterions formed in photochemical and acid-catalyzed reactions from m-hydroxycycloalkyl substituted phenol derivatives. // <i>Journal of organic chemistry</i> . <b>80</b> (2015); 24; 12420-12430	4,785 (2015.)	IK
285.	Čurković, Lidija; Majić Renjo, Marijana; Ciglar, Damir. Effects of cold isostatic pressing and granule size distribution on the densification of alumina ceramics. // <i>Materials testing</i> . <b>57</b> (2015); 6; 495-498	0,266 (2015.)	IK
286.	Del Barrio, Jorge L. Alio; Chiesa, Massimo; Ferrer, Gloria Gallego; Garagorri, Nerea; Briz, Nerea; Fernandez-Delgado, Jorge; Valls, Maria Sancho-Tello; Botella, Carmen Carda; Garcia-Tunon, Ignacio; Bataille, Laurent; Rodriguez, Alejandra; Arnalich-Montiel, Francisco; Gomez Ribelles, Jose L.; Antolinos-Turpin, Carmen M.; Gomez-Tejedor, Jose A.; Alio, Jorge L.; De Miguel, Maria P. Biointegration of corneal macroporous membranes based on poly(ethyl acrylate) copolymers in an experimental animal model. // <i>Journal of biomedical materials research Part A</i> . <b>103</b> (2015) 1106-1118	3,263 (2015.)	IK
287.	Diehl, Fabrice; Barbier, Jacques; Duprez, Daniel; Guibard, Isabelle; Mabilon, Gil. Catalytic oxidation of heavy hydrocarbons over Pt/Al <sub>2</sub> O <sub>3</sub> . Oxidation of C <sub>10+</sub> solid hydrocarbons representative of soluble organic fraction of Diesel soots. // <i>Applied catalysis A: General</i> . <b>504</b> (2015); 37-43	4,012 (2015.)	KI
288.	Đerek, Vedran; Głowacki, Eric Daniel; Sytnyk, Mykhailo; Heiss, Wolfgang; Marciuš, Marijan; Ristić, Mira; Ivanda, Mile; Sariciftci, Niyazi Serdar. Enhanced near-infrared response of nano- and microstructured silicon/organic hybrid photodetectors. // <i>Applied physics letters</i> . <b>107</b> (2015); 8; 083302-1-083302-5 Article Number: 083302	3,142 (2015.)	IK

289.	Espinosa de los Monteros, A.; Lafaye, G.; Cervantes, A.; Del Angel, G.; Barbier, J., Jr; Torres, G. Catalytic wet air oxidation of phenol over metal catalyst (Ru,Pt) supported on TiO <sub>2</sub> -CeO <sub>2</sub> oxides. // <i>Catalysis today</i> . <b>258</b> (2015); 564-569	4,312 (2015.)	KI
290.	Faraguna, Fabio; Siuc, Valentina; Vidović, Elvira; Jukić, Ante. Reactivity ratios and properties of copolymers of 2-ethoxyethyl methacrylate with dodecyl methacrylate or styrene. // <i>Journal of polymer research</i> . <b>22</b> (2015); 245-1-245-11	1,969 (2015.)	IK
291.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Reactivity ratios and copolymer properties of 2-(diisopropylamino)ethyl methacrylate with methyl methacrylate and styrene. // <i>Polymer international</i> . <b>64</b> (2015); 1497-1504	2,414 (2015.)	IK
292.	Florijančić, Tihomir; Ozimec, Siniša; Jelkić, Dinko; Vukšić, Neška; Bilandžić, Nina; Gross Bošković, Andrea; Bošković, Ivica. Assessment of heavy metal content in wild boar ( <i>Sus scrofa</i> L.) hunted in Eastern Croatia. // <i>Journal of environmental protection and ecology</i> . <b>16</b> (2015), 2; 630-636	0,734 (2015.)	IK
293.	Foglar, Lucija; Papić, Sanja; Margeta, Dunja; Sertić-Bionda, Katica. The use of different reactor systems for biological treatment of petroleum refinery wastewaters. // <i>Fresenius environmental bulletin</i> . <b>24</b> (2015); 11 a; 3695-3702	0,372 (2015.)	KI, IK
294.	Gačić, Milica; Bilandžić, Nina; Ivanec Šipušić, Đurđica; Petrović, Marinko; Kos, Blaženka; Vahčić, Nada; Šušković, Jagoda. Degradation of oxytetracycline, streptomycin, sulphathiazole and chloramphenicol residues in different types of honey. // <i>Food technology and biotechnology</i> . <b>53</b> (2015), 2; 154-162	1,179 (2015.)	IK
295.	Galović, Olivera; Samardžić, Mirela; Sak-Bosnar, Milan. A new microsensor for the determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 5176-5193	1,692 (2015.)	KIP, IK
296.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. Application of a new potentiometric sensor for determination of anionic surfactants in wastewater. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 307-313	0,675 (2015.)	KIP, IK
297.	Gamboa-Martinez, Tatiana C.; Luque-Guillen, Victoria; Gonzalez-Garcia, Cristina; Gomez Ribelles, Jose Luis; Gallego Ferrer, Gloria. Crosslinked fibrin gels for tissue engineering: Two approaches to improve their properties. // <i>Journal of biomedical materials research Part A</i> . <b>103</b> (2015); 614-621	3,263 (2015.)	IK
298.	Govorčin Bajsić, Emi; Ocelić Bulatović, Vesna; Rek, Vesna. The influence of filler treatment on the properties of TPU/PP blends: I. Thermal properties and stability. // <i>Polymer engineering and science</i> . <b>55</b> (2015); 8; 1920-1930	1,719 (2015.)	KI
299.	Iida, Yusuke; Akiyama, Kazuhiko; Kobzi, Balázs; Sinkó, Katalin; Homonnay, Zoltán; Kuzmann, Erno; Ristić, Mira; Krehula, Stjepko; Nishida, Tetsuaki; Kubuki, Shiro. Structural analysis and visible light-activated photocatalytic activity of iron-containing soda lime aluminosilicate glass. // <i>Journal of alloys and compounds</i> . <b>645</b> (2015); 1-6	3,014 (2015.)	IK
300.	Ivashchenko, Sergiy; Escobar Ivirico, Jorge L.; Garcia Cruz, Dunia M.; Campillo-Fernandez, Alberto; Gallego Ferrer, Gloria; Monleon Pradas, Manuel. Bioactive organic-inorganic poly(CLMA-co-HEA)/silica nanocomposites. // <i>Journal of biomaterials applications</i> . <b>29</b> (2015); 1096-1108	1,988 (2015.)	IK
301.	Ivušić, Franjo; Lahodny-Šarc, Olga; Otmačić Čurković, Helena; Alar, Vesna. Synergistic inhibition of carbon steel corrosion in seawater by cerium chloride and sodium gluconate. // <i>Corrosion science</i> . <b>98</b> (2015); 88-97	5,154 (2015.)	IK
302.	Jakovljević, Ivana; Pehnc, Gordana; Vadjjić, Vladimira; Šišović, Anica; Davila, Silvije; Bešlić, Ivan. Carcinogenic activity of polycyclic aromatic hydrocarbons bounded on particle fraction. // <i>Environmental science and pollution research international</i> . <b>22</b> (2015), 20; 15931-15940	2,760 (2015.)	IK
303.	Jakovljević, Tamara; Radojčić Redovniković, Ivana; Cvjetko Bubalo, Marina; Bukovac, Ivana; Sedak, Marija; Đokić, Maja; Bilandžić, Nina. Potencijal jablana ( <i>Populus nigra</i> var. <i>italica</i> ) u fitoremedijaciji kadmija. // <i>Šumarski list : znanstveno-stručno i staleško glasilo Hrvatskoga šumarskog društva</i> . <b>5-6</b> (2015); 223-232	0,235 (2015.)	IK

304.	Jerković, Igor; Marijanović, Zvonimir; Kranjac, Marina; Radonić, Ani. Comparison of different methodologies for detailed screening of <i>Taraxacum officinale</i> honey volatiles. // <i>Natural product communications</i> . <b>10</b> (2015); 2; 357-360	0,884 (2015.)	IK
305.	Jozanović, Marija; Sakač, Nikola; Jakobović, Danijela; Sak-Bosnar, Milan. Analytical characterization and quantification of histidine dipeptides, carnosine and anserine by modeling of potentiometric titration data. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 5787-5799	1,692 (2015.)	IK
306.	Jozanović, Marija; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Voltammetric characterization and determination of histidine dipeptides - carnosine and anserine. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 8; 6548-6557	1,692 (2015.)	IK
307.	Jurinjak Tušek, Ana; Anić, Iva; Kurtanjek, Želimir; Zelić, Bruno. Mass transfer coefficients of slug flow for organic solvent-aqueous system in a microreactor. // <i>Korean journal of chemical engineering</i> . <b>32</b> (2015); 6; 1037-1045	1,408 (2015.)	KI, IK
308.	Kassal, Petar; Kim, Jayoung; Kumar, Rajan; de Araujo, William Reis; Steinberg, Ivana; Steinberg, Matthew; Wang, Joseph. Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. // <i>Electrochemistry communications</i> . <b>56</b> (2015); 6-10	4,569 (2015.)	IK
309.	Kerolli-Mustafa, Mihone; Ćurković, Lidija; Fajković, Hana; Rončević, Sanda. Ecological risk assessment of jarosite waste disposal. // <i>Croatia chemica acta</i> . <b>88</b> (2015); 2; 189-196	0,732 (2015.)	IK
310.	Kerolli-Mustafa, Mihone; Fajković, Hana; Rončević, Sanda; Ćurković, Lidija. Assessment of metals risks from different depths of jarosite tailing waste of Trepča Zinc Industry, Kosovo based on BCR procedure. // <i>Journal of geochemical exploration</i> . <b>148</b> (2015); 161-168	2,147 (2015.)	IK
311.	Kos, K.; Posilović, Hrvoje; Durman, Aleksandar; Ristić, Mira; Krehula, Stjepko. White encrustation produced from deer antler phosphate on prehistoric ceramics from Podunavlje. // <i>Archaeometry</i> . <b>57</b> (2015); 4; 636-652	1,364 (2015.)	IK
312.	Kosović, Marin; Balarin, Maja; Ivanda, Mile; Đerek, Vedran; Marcuš, Marijan; Ristić, Mira; Gamulin, Ozren. Porous silicon covered with silver nanoparticles as Surface-enhanced Raman scattering (SERS) substrate for ultra-low concentration detection. // <i>Applied spectroscopy</i> . <b>69</b> (2015); 12; 1417-1424	1,798 (2015.)	IK
313.	Košutić, Krešimir; Dolar, Davor; Strmecky, Tea. Treatment of landfill leachate by membrane processes of nanofiltration and reverse osmosis. // <i>Desalination and water treatment</i> . <b>55</b> (2015); 10; 2680-2689	1,272 (2015.)	IK
314.	Kraguljac, Kornelije; Vidović, Elvira; Šoljić Jerbić, Ivana; Jukić, Ante. A chromatographic study of shear stability of poly(styrene-co-alkyl methacrylate) viscosity modifier for lubricating oils. // <i>Petroleum science and technology</i> . <b>33</b> (2015); 374-380	0,418 (2015.)	IK
315.	Krakovsky, Ivan; Martinez-Haya, Rebeca; Gallego Ferrer, Gloria; Sabater i Serra, Roser; Dodda, Jagan Mohan. Epoxy networks and hydrogels prepared from alpha,omega-diamino terminated poly(oxypropylene)-b-poly(oxyethylene)-poly(oxypropylene) and polyoxypropylene bis(glycidyl ether). // <i>European polymer journal</i> . <b>62</b> (2015); 19-30	3,485 (2015.)	IK
316.	Kralj, Marijeta; Uzelac, Lidija; Wang, Yu-Hsuan; Wan, Peter; Tireli, Martina; Mlinarić-Majerski, Kata; Piantanida, Ivo; Basarić, Nikola. Enhancement of antiproliferative activity by phototautomerization of anthrylphenols. // <i>Photochemical &amp; photobiological sciences</i> . <b>14</b> (2015); 6; 1082-1092	2,235 (2015.)	IK
317.	Kratofil Krehula, Ljerka; Hrnjak-Murgić, Zlata; Jelenčić, Jasenka. Study of masterbatch effect on miscibility and morphology in PET/HDPE blends. // <i>Journal of adhesion science and technology</i> . <b>29</b> (2015); 2; 74-93	0,863 (2015.)	KI, IK
318.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Marić, Gojko; Hrnjak-Murgić, Zlata. Study of fire retardancy, thermal and mechanical properties of HDPE-wood composites. // <i>Journal of wood chemistry and technology</i> . <b>35</b> (2015); 6; 412-423	1,830 (2015.)	KI, IK
319.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iidab, Yusuke; Perović, Marija; Fabian, Martin; Musić, Svetozar. Synthesis and microstructural properties of mixed iron-gallium oxides. // <i>Journal of alloys and compounds</i> . <b>634</b> (2015); 130-141	3,014 (2015.)	IK

320.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Fabián, Martin; Musić, Svetozar. The formation and microstructural properties of uniform $\alpha$ -GaOOH particles and their calcination products. // <i>Journal of alloys and compounds</i> . <b>620</b> (2015); 217-227	3,014 (2015.)	IK
321.	Krištafor, Svjetlana; Bistrović, Andrea; Plavec, Janez; Makuc, Damjan; Martinović, Tamara; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. One-pot click synthesis of 1, 2, 3-triazole- embedded unsaturated uracil derivatives and hybrids of 1, 5- and 2, 5-disubstituted tetrazoles and pyrimidines. // <i>Tetrahedron letters</i> . <b>56</b> (2015); 1222-1228	2,347 (2015.)	IK
322.	Lafaye, Gwendoline; Barbier, Jacques, Jr; Duprez, Daniel. Impact of cerium-based support oxides in catalytic wet air oxidation: Conflicting role of redox and acid-base properties. // <i>Catalysis today</i> . <b>253</b> (2015); 89-98	4,312 (2015.)	KI
323.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO <sub>2</sub> /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>309</b> (2015); 22-29	2,477 (2015.)	KI, IK
324.	Ljubas, Davor; Ćurković, Lidija; Marinović, Veronika; Bačić, Ivana; Tavčar, Branka. Photocatalytic degradation of azo-dyes by sol-gel TiO <sub>2</sub> films: effects of polyethylene glycol addition, reaction temperatures and irradiation wavelengths. // <i>Reaction kinetics, mechanisms and catalysis</i> . <b>116</b> (2015); 2; 563-576	1,265 (2015.)	IK
325.	Ma, Jiani; Zhang, Xiting; Basarić, Nikola; Wan, Peter; Phillips, David Lee. Observation of excited state proton transfer reactions in 2-phenylphenol and 2-phenyl-1- naphthol and formation of quinone methide species. // <i>Physical Chemistry Chemical Physics</i> . <b>17</b> (2015); 14; 9205-9211	4,449 (2015.)	IK
326.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance approach to activity of hydrogen evolution reaction on spatially heterogeneous GC electrode surfaces: metal free vs. Ru catalysed case. // <i>Electrochimica acta</i> . <b>167</b> (2015); 455-469	4,803 (2015.)	IK
327.	Mandić, Vilko; Kurajica, Stanislav. The influence of solvents on sol-gel derived calcium aluminate. // <i>Materials science in semiconductor processing</i> . <b>38</b> (2015); 306-313	2,264 (2015.)	IK
328.	Maračić, Silvija; Gazivoda Kraljević, Tatjana; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Cetina, Mario; Raić-Malić Silvana. 1,2,3-Triazolepharmacophore-based benzofused nitrogen/sulfur heterocycles with potential anti- Moraxella catarrhalis activity. // <i>Bioorganic &amp; medicinal chemistry</i> . <b>23</b> (2015); 7448-7463	2,923 (2015.)	IK
329.	Meščić, Andriana; Harej, Anja; Klobučar, Marko; Glavač, Danijel; Cetina, Mario; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Discovery of new acid ceramidase-targeted acyclic 5-alkynyl and 5-heteroaryl uracil nucleosides. // <i>ACS Medicinal chemistry letters</i> . <b>6</b> (2015); 11; 1150-1155	3,355 (2015.)	IK
330.	Miklečić, Josip; Lučić Blagojević, Sanja; Petrić, Marko; Jirouš-Rajković, Vlatka. Influence of TiO <sub>2</sub> and ZnO nanoparticles on properties of waterborne polyacrylate coating exposed to outdoor conditions. // <i>Progress in organic coatings</i> . <b>89</b> (2015); 67-74	2,632 (2015.)	KI
331.	Milanović, Ivana; Grahek, Željko. Semi-automated procedure for the determination of <sup>89,90</sup> Sr in environmental samples by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . <b>303</b> (2015); 2; 1453-1457	0,983 (2015.)	IK
332.	Milić, Mirta; Leitinger, Gerd; Pavičić, Ivan; Zebić Avdičević, Maja; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Cellular uptake and toxicity effects of silver nanoparticles in mammalian kidney cells. // <i>Journal of applied toxicology</i> . <b>35</b> (2015) , 6; 581-592	2,722 (2015.)	IK
333.	Murati, Teuta; Šimić, Branimir; Brozović, Anamaria; Kniewald, Jasna; Miletić Gospić, Adrijana; Bilandžić, Nina; Kmetič, Ivana. PCB 77 action in ovary cells - toxic effects, apoptosis induction and cell cycle analysis. // <i>Toxicology mechanisms and methods</i> . <b>25</b> (2015) , 4; 302-311	1,476 (2015.)	IK
334.	Mutavdžić Pavlović, Dragana; Nikšić, Korana; Livazović, Sara; Brnardić, Ivan; Anžlovar, Alojz. Preparation and application of sulfaguandine- imprinted polymer on solid-phase extraction of pharmaceuticals from water. // <i>Talanta</i> . <b>131</b> (2015); 99-107	4,035 (2015.)	IK

335.	Ozimec, Siniša; Florijančić, Tihomir; Milin Radić, Svjetlana; Bilandžić, Nina; Bošković, Ivica. Bioaccumulation of cadmium and lead in the European badger ( <i>Meles meles</i> L.) from the Croatian Danube Region. // <i>Journal of environmental protection and ecology</i> . <b>16</b> (2015), 2; 637-642	0,774 (2016.)	IK
336.	Palaić, Nikolina; Sertić-Bionda, Katica; Margeta, Dunja; Podolski, Štefica. Oxidative desulphurization of diesel fuels. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 323-327	0,675 (2015.)	KI
337.	Panjičko, Mario; Zupančič, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . <b>62</b> (2015); 4; 818-827	1,167 (2015.)	KI, IK
338.	Periš, Nenad; Buljac, Maša; Bralić, Marija; Buzuk, Marijo; Brinić, Slobodan; Plazibat, Ivana. Characterization of the air quality in Split, Croatia focusing upon fine and coarse particulate matter analysis. // <i>Analytical letters</i> . <b>48</b> (2015); 3; 553-565	1,088 (2015.)	IK
339.	Petrović, Željka; Ristić, Mira; Marcuiš, Marijan; Sepiol, Bogdan; Peterlik, Herwig; Ivanda, Mile; Musić, Svetozar. Formation of RuO <sub>2</sub> nanoparticles by thermal decomposition of Ru(NO)(NO <sub>3</sub> ) <sub>3</sub> . // <i>Ceramics international</i> . <b>41</b> (2015); 7811-7815	2,758 (2015.)	IK
340.	Petrović, Željka; Ristić, Mira; Musić, Svetozar; Fabián, Martin. Nano/microstructure and optical properties of ZnO particles precipitated from zinc acetylacetonate. // <i>Journal of molecular structure</i> . <b>1090</b> (2015); 121-128	1,780 (2015.)	IK
341.	Petrović, Željka; Ristić, Mira; Musić, Svetozar; Sepiol, Bogdan; Peterlik, Herwig. The formation of ZnO nanoparticles from zinc gluconate. // <i>Ceramics international</i> . <b>41</b> (2015); 4975-4981	2,758 (2015.)	IK
342.	Poveda-Reyes, Sara; Mellera-Oglialoro, Leonardo Ruben; Martinez-Haya, Rebeca; Gamboa-Martinez, Tatiana Carolina; Gomez Ribelles, Jose Luis; Gallego Ferrer, Gloria. Reinforcing an injectable gelatin hydrogel with pPLLA microfibers: two routes for short fiber production. // <i>Macromolecular materials and engineering</i> . <b>300</b> (2015); 977-988	2,834 (2015.)	IK
343.	Poveda-Reyes, Sara; Rodrigo-Navarro, Aleixandre; Gamboa-Martinez, Tatiana C.; Rodriguez-Cabello, Jose C.; Quintanilla-Sierra, Luis; Edlund, Ulrica; Ferrer, Gloria Gallego. Injectable composites of loose microfibers and gelatin with improved interfacial interaction for soft tissue engineering. // <i>Polymer</i> . <b>74</b> (2015); 224-234	3,586 (2015.)	IK
344.	Poveda-Reyes, Sara; Gamboa-Martinez, Tatiana C.; Manzano, Sara; Hamdy Doweidar, Mohamed; Gomez Ribelles, Jose Luis; Ochoa, Ignacio; Gallego Ferrer, Gloria. Engineering interpenetrating polymer networks of Poly(2-Hydroxyethyl Acrylate) as ex vivo platforms for articular cartilage regeneration. // <i>International journal of polymeric materials and polymeric biomaterials</i> . <b>64</b> (2015); 745-754	1,667 (2015.)	IK
345.	Pustak, Anđela; Denac, Matjaž; Leskovic, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Polypropylene/silica micro- and nanocomposites modified with poly(styrene-b-ethylene-co-butylene-b-styrene). // <i>Journal of applied polymer science</i> . <b>132</b> (2015); 6; 41486-41498	1,866 (2015.)	IK
346.	Pustak, Anđela; Denac, Matjaž; Leskovic, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Morphology and mechanical properties of iPP/silica composites modified with (styrene-b-ethylene-co-butylene-b-styrene) grafted with maleic anhydride. // <i>Polymer-plastics technology and engineering</i> . <b>54</b> (2015); 6; 647-660	1,511 (2015.)	IK
347.	Raić-Malić, Silvana; Mešičić, Andrijana. Recent trends in 1, 2, 3-triazolo-nucleosides as promising anti-infective and anticancer agents. // <i>Current medicinal chemistry</i> . <b>22</b> (2015); 1462-1499	3,455 (2015.)	IK
348.	Rastija, Vesna; Agić, Dejan; Tomić, Sanja; Nikolić, Sonja; Hranjec, Marijana; Karminski-Zamola, Grace; Abramić, Marija. Synthesis, QSAR, and molecular dynamics simulation of amidino-substituted nenzimidazoles as dipeptidyl peptidase III inhibitors. // <i>Acta chimica Slovenica</i> . <b>62</b> (2015); 4; 867-878	1,167 (2015.)	IK
349.	Rešček, Ana; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Active bilayer PE/PCL films for food packaging modified with zinc oxide and casein. // <i>Croatica chemica acta</i> . <b>88</b> (2015); 4; 461-473	0,732 (2015.)	KI, IK

350.	Ristić, Mira; Marcuš, Marijan; Petrović, Željka; Ivanda, Mile; Musić, Svetozar. Formation and characterization of ribbon-like RuO <sub>2</sub> /Ru fibers. // <i>Materials letters</i> . <b>156</b> (2015); 142-145	2,437 (2015.)	IK
351.	Ristić, Mira; Opačak, Ivana; Štajdohar, Jasenka; Musić, Svetozar. The influence of CTAB and gum arabic on the precipitation of α-FeOOH in a highly alkaline medium. // <i>Journal of molecular structure</i> . <b>1090</b> (2015); 129-137	1,780 (2015.)	IK
352.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Effect of in situ formed hydroxyapatite on microstructure of freeze-gelled chitosan-based biocomposite scaffolds. // <i>European polymer journal</i> . <b>68</b> (2015); 278-287	3,485 (2015.)	KI, IK
353.	Selmani, Atiđa; Coha, Ivana; Magdić, Katja; Čolović, Božana; Jokanović, Vukoman; Šegota, Suzana; Gajović, Srećko; Gajović, Andreja; Jurašin, Darija; Dutour Sikirić, Maja. Multiscale study of the cationic surfactants influence on amorphous calcium phosphate precipitation. // <i>Crystal engineering communication</i> . <b>17</b> (2015); 8529-8548	3,849 (2015.)	IK
354.	Sović, Irena; Viskić, Marko; Bertoša, Branimir; Ester, Katja; Kralj, Marijeta; Hranjec, Marijana; Karminski-Zamola, Grace. Exploring antiproliferative activity of heteroaromatic amides and their fused derivatives using 3D-QSAR, synthesis and biological tests. // <i>Monatshefte für Chemie</i> . <b>146</b> (2015); 9; 1503-1517	1,131 (2015.)	IK
355.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . <b>143</b> (2015); 178-183	4,035 (2015.)	IK
356.	Stipković Babić, Maja; Makuc, Damjan; Plavec, Janez; Martinović, Tamara; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Snoeck, Robert; Andrei, Graciela; Schols, Dominique; Wittine, Karlo; Mintas, Mladen. Novel halogenated 3-deazapurine, 7-deazapurine and alkylated 9-deazapurine derivatives of L-ascorbic or imino-L-ascorbic acid: Synthesis, antitumour and antiviral activity evaluations. // <i>European journal of medicinal chemistry</i> . <b>102</b> (2015); 288-302	3,902 (2015.)	IK
357.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Soler, Anna; Clapes, Pere. A new concept for production of (3S, 4R)-6- [(benzyloxycarbonyl)amino]-5, 6-dideoxyhex-2-ulose, a precursor of D-fagomine. // <i>RSC Advances</i> . <b>5</b> (2015); 69819-69828	3,289 (2015.)	KI
358.	Sutlović, Davorka; Borić, Igor; Zulim, Tamara; Vučinić, Ana. Identification process of skeletal remains from mass graves: our experience and proposal guidelines. // <i>Legal medicine</i> . <b>17</b> (2015); 102-108	1,442 (2015.)	IK
359.	Šabić, Monika; Čižmek, Lara; Vuković Domanovac, Marija; Meštrović, Ernest. Biodegradation of erythromycin with environmental microorganism <i>Pseudomonas aeruginosa</i> 3011. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 367-373	0,675 (2015.)	KI
360.	Šagud, Ivana; Antol, Ivana; Marinić, Željko; Šindler-Kulyk, Marija. Photoinduced intramolecular formal [4 + 2] cycloaddition of aryl-substituted o-vinylstyryl-2-oxazoles to form benzo[f]quinoline derivatives: experimental results and theoretical interpretation. // <i>Journal of organic chemistry</i> . <b>80</b> (2015); 9535-9541	4,785 (2015.)	IK
361.	Šamec, Dunja; Gruz, Jiri; Durgo, Ksenija; Kremer, Dario; Kosalec, Ivan; Valek Žulj, Lidija; Martinez, Sanja; Salopek-Sondi, Branka; Piljac-Žegarac, Jasenka. Molecular and cellular approach in the study of antioxidant/prooxidant properties of <i>Micromeria croatica</i> (Pers.) Schott. // <i>Natural product research</i> . <b>29</b> (2015); 18; 1770-1774	1,057 (2015.)	IK
362.	Škalamera, Đani; Bohne, Cornelia; Landgraf, Stephan; Basarić, Nikola. Photodeamination reaction mechanism in aminomethyl p-cresol derivatives: different reactivity of amines and ammonium salts. // <i>Journal of organic chemistry</i> . <b>80</b> (2015); 10817-10828	4,785 (2015.)	IK
363.	Šmidt, Marina; Kušić, Hrvoje Juretić, Daria; Novak Stankov, Mirjana; Ukić, Šime; Bolanča, Tomislav; Rogošić, Marko; Lončarić Božić, Ana. Modeling photooxidative degradation of aromatics in water; optimization study using response surface and structural-relationship approaches. // <i>Industrial &amp; engineering chemistry research</i> . <b>54</b> (2015); 20; 5427-5441	2,567 (2015.)	IK

364.	Šuran, Jelena; Đuras, Martina; Gomerčić, Tomislav; Bilandžić, Nina; Prevendar Crnić, Andreja. Cadmium and lead concentrations in the tissues of bottlenose dolphins ( <i>Tursiops truncatus</i> ) and striped dolphins ( <i>Stenella coeruleoalba</i> ) stranded on the Croatian Adriatic coast. // <i>Veterinarski arhiv</i> . <b>85</b> (2015), 6; 677-688	0,321 (2015.)	IK
365.	Tarle, Zrinka; Attin, Thomas; Marović, Danijela; Andermatt, L.; Ristić, Mira; Tauböck, Tobias T. Influence of irradiation time on subsurface degree of conversion and microhardness of high-viscosity bulk-fill resin composites. // <i>Clinical oral investigations</i> . <b>19</b> (2015); 4; 831-840	2,207 (2015.)	IK
366.	Touabi, Noura; Martinez, Sanja; Bounoughaz, Moussa. Optimization of electrochemical copper recovery process: effect of the rotation speed in chloride medium of pH=3. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 7227-7240	1,692 (2015.)	IK
367.	Ukić, Šime; Novak, Mirjana; Krilić, Anamarija; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part III: Fuzzy logic QSR approach. // <i>Chromatographia</i> . <b>78</b> (2015); 889-898	1,332 (2015.)	IK
368.	Valek Žulj, Lidija; Serdar, Marijana; Martinez, Sanja. Effect of tartrate on the electrochemical behaviour and semiconductive properties of passive film on steel in saturated calcium hydroxide. // <i>Materials and corrosion</i> . <b>66</b> (2015); 11; 1344-1353	1,450 (2015.)	IK
369.	Varenina, Ivana; Bilandžić, Nina; Cvetnić, Luka; Kos, Blaženka; Božić, Đurdica; Solomun Kolanović, Božica; Cvetnić, Željko. Deposition and depletion of maduramicin residues in eggs after oral administration to laying hens determined by LC-MS. // <i>Food additives and contaminants Part A-Chemistry analysis control exposure &amp; risk assessment</i> . <b>32</b> (2015), 3; 324-332	1,878 (2015.)	IK
370.	Velić, Natalija; Galović, Olivera; Sak-Bosnar, Milan; Rezić, Tonči; Šantek, Božidar; Stanić, Ana. Optimization of ISEs for simultaneous NH <sub>4</sub> <sup>+</sup> , NO <sub>3</sub> <sup>-</sup> and NO <sub>2</sub> <sup>-</sup> monitoring in synthetic wastewater using Solver. // <i>Environmental engineering and management journal</i> . <b>14</b> (2015); 3; 681-688	1,008 (2015.)	IK
371.	Vikingsson, L.; Claessens, B.; Gomez-Tejedor, J. A.; Gallego Ferrer, Gloria; Gomez Ribelles, J. L. Relationship between micro-porosity, water permeability and mechanical behavior in scaffolds for cartilage engineering. // <i>Journal of the mechanical behavior of biomedical materials</i> . <b>48</b> (2015); 60-69	2,876 (2015.)	IK
372.	Vikingsson, L.; Gomez-Tejedor, J. A.; Gallego Ferrer, Gloria; Gomez Ribelles, J. L. An experimental fatigue study of a porous scaffold for the regeneration of articular cartilage. // <i>Journal of biomechanics</i> . <b>48</b> (2015); 1310-1317	2,431 (2015.)	IK
373.	Vikingsson, Line; Sancho-Tello, Maria; Ruiz-Sauri, Amparo; Martinez Diaz, Santos; Gomez-Tejedor, Jose A.; Gallego Ferrer, Gloria; Carda, Carmen; Monllau, Joan C.; Gomez Ribelles, Jose L. Implantation of a polycaprolactone scaffold with subchondral bone anchoring ameliorates nodules formation and other tissue alterations. // <i>International journal of artificial organs</i> . <b>38</b> (2015); 659-666	1,005 (2015.)	IK
374.	Vranješ Penava, Nina; Rek, Vesna; Slouf, Miroslav; Jelčić, Želimir. Influence of ethylene-propylene-diene terpolymer addition on processing parameters, phase structure and thermal behaviour of polypropylene/low-density polyethylene blends. // <i>Journal of elastomer and plastics</i> . <b>47</b> (2015); 6; 502-514	0,671 (2015.)	KI
375.	Vukušić, Tina; Prkić, Ante; Giljanović, Josipa; Sokol, Vesna; Bošković, Perica. Direct potentiometric determination of penicillamine in real samples by using copper ISE. // <i>Croatica chemica acta</i> . <b>88</b> (2015); 3; 255-258	0,732 (2015.)	IK
376.	Zrnčić, Mirta; Babić, Sandra; Mutavdžić Pavlović, Dragana. Determination of thermodynamic pKa values of pharmaceuticals from five different groups using capillary electrophoresis. // <i>Journal of separation science</i> . <b>38</b> (2015); 1232-1239	2,741 (2015.)	IK
377.	Bačić, Ivana; Otmačić Ćurković, Helena; Ćurković, Lidija; Mandić, Vilko; Šokčević, Zrinka. Corrosion protection of AISI 316L stainless steel with the sol-gel yttria stabilized ZrO <sub>2</sub> films: effects of sintering temperature and doping. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 9192-9205	1,469 (2016.)	IK

378.	Bilandžić, Nina; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Varga, Ines. Control of levamisole residues in milk using a validated liquid chromatography-tandem mass spectrometry method. // <i>Mljekarstvo</i> . <b>66</b> (2016) , 2; 146-153	0,631 (2016.)	IK
379.	Bilandžić, Nina; Đokić, Maja; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav. Copper levels in tissues of dolphins <i>Tursiops truncatus</i> , <i>Stenella coeruleoalba</i> and <i>Grampus griseus</i> from the Croatian Adriatic coast. // <i>Bulletin of environmental contamination and toxicology</i> . <b>97</b> (2016) , 3; 367-373	1,412 (2016.)	IK
380.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Đokić, Maja; Kmetič, Ivana; Murati, Teuta. Lead concentrations in raw cow and goat milk collected in rural areas of Croatia from 2010 to 2014. // <i>Bulletin of environmental contamination and toxicology</i> . <b>96</b> (2016) ; 645-649	1,412 (2016.)	IK
381.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Zrnčić, Snježana; Oraić, Dražen; Benić, Miroslav; Džafić, Natalija; Mišetić Ostojić, Dijana; Bogdanović, Tanja; Petričević, Sandra; Ujević, Ivana. Element differences and evaluation of the dietary intake from farmed oysters and mussels collected at different sites along the Croatian coast of the Adriatic Sea. // <i>Journal of food composition and analysis</i> . <b>45</b> (2016) ; 39-49	2,752 (2016.)	IK
382.	Bilandžić, Nina; Tanković, Sanin; Jelušić, Vedrana; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Cvetnić, Željko. Aflatoxin M1 in raw and UHT cow milk collected in Bosnia and Herzegovina and Croatia. // <i>Food control</i> . <b>68</b> (2016) ; 352-377	3,496 (2016.)	IK
383.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Benić, Miroslav; Cvetnić, Luka; Tanković, Sanin; Cvetnić, Željko. Monitoring of aflatoxin M1 in raw cow milk in Croatia during winter 2015. // <i>Mljekarstvo</i> . <b>66</b> (2016) , 1; 81-85	0,631 (2016.)	IK
384.	Bošković, Perica; Sokol, Vesna; Touraud, Didier; Prkić, Ante; Giljanović, Josipa. The nanostructure studies of surfactant-free- microemulsions in fragrance tinctures. // <i>Acta chimica Slovenica</i> . <b>63</b> (2016); 1; 138-143	0,983 (2016.)	IK
385.	Botti, Valentina; Elisei, Fausto; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Effect of the positional isomerism on the photoreactivity of styryloxazoles. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>316</b> (2016); 95-103	2,625 (2016.)	IK
386.	Botti, Valentina; Elisei, Fausto; Faraguna, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, π* states on the photoreactivity of 5-[2-(pyridin-yl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>329</b> (2016); 262-272	2,625 (2016.)	IK
387.	Brajša, Karmen; Vujasinović, Ines; Jelić, Dubravko; Trzun, Marija; Zlatar, Ivo; Karminski-Zamola, Grace; Hranjec, Marijana. Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1, 2-a]quinoline derivatives tested in 2D and 3D cell culture systems. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . <b>31</b> (2016); 6; 1139-1145	4,293 (2016.)	IK
388.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016);11; 3053-3059	2,316 (2016.)	IK
389.	Buzuk, Marijo; Brinić Slobodan; Vladislavić Nives; Bralić, Marija; Buljac, Maša; Škugor Rončević, Ivana. Real-time monitoring of "self-oxidation" of cysteine in presence of Cu <sup>2+</sup> : Novel findings in the oxidation mechanism. // <i>Monatshefte für Chemie</i> . <b>147</b> (2016); 2; 359-367	1,282 (2016.)	IK
390.	Coha, Ivana; Neufuss, Soběslav; Grahek, Željko; Mojmir, Nodilo, Marijana; John, Jan. The effect of counting conditions on pure beta emitter determination by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . <b>310</b> (2016); 2; 891-903	1,282 (2016.)	IK
391.	Čurković, Mario; Sipos, Laszlo; Puntarić, Dinko; Dodig-Čurković, Katarina; Pivac, Nela; Kralik, Kristina. Arsenic, copper, molybdenum, and selenium exposure through drinking water in rural Eastern Croatia. // <i>Polish journal of environmental studies</i> . <b>25</b> (2016); 3; 981-992	0,793 (2016.)	IK



392.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- $\alpha$ ]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology.</i> <b>163</b> (2016); 319-326	2,673 (2016.)	IK
393.	Dolar, Davor; Košutić, Krešimir; Strmecky, Tea. Hybrid processes for treatment of landfill leachate: coagulation/UF/NF-RO and adsorption/UF/NF-RO. // <i>Separation and purification technology.</i> <b>168</b> (2016); 39-46	3,359 (2016.)	IK
394.	Drljača, Dijana; Ašperger, Danijela; Ferenčak, Matea; Gavrančić, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia.</i> <b>79</b> (2016); 209-223	1,402 (2016.)	IK
395.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal.</i> <b>84</b> (2016); 218-235	3,531 (2016.)	IK
396.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production.</i> <b>112</b> (2016); 1106-1111	5,715 (2016.)	KI
397.	Findrik, Zvezdana; Tusić, Marko; Vasić-Rački, Đurđa. Stabilization of D-amino acid oxidase via covalent immobilization and mathematical model of D-methionine oxidative deamination catalyzed by immobilized enzyme. // <i>Chemical and biochemical engineering quarterly.</i> <b>30</b> (2016); 1; 93-102	0,923 (2016.)	KI
398.	Forget, Jeremy; Awaja, Firas; Gugutkov, Dencho; Gustavsson, Juhan; Gallego Ferrer, Gloria; Coelho-Sampaio, Tatiana; Hochman-Mendez, Camila; Salmeron-Sanchez, Manuel; Altankov, George. Differentiation of human mesenchymal stem cells toward quality cartilage using fibrinogen-based nanofibers. // <i>Macromolecular bioscience.</i> <b>16</b> (2016); 1348-1359	3,238 (2016.)	IK
399.	Galović, Olivera; Samardžić, Mirela; Hajduković, Mateja; Sak-Bosnar, Milan. A new graphene-based surfactant sensor for the determination of anionic surfactants in real samples. // <i>Sensors and actuators. B, Chemical.</i> <b>236</b> (2016); 257-267	5,401 (2016.)	KIP, IK
400.	Gazivoda Kraljević, Tatjana; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Stepanić, Višnja; Drenjančević, Domagoj; Talapkof, Jasminka; Raić-Malić, Silvana. Synthesis, in vitro anticancer and antibacterial activities and in silico studies of new 4- substituted 1, 2, 3-triazole-coumarin hybrids. // <i>European journal of medicinal chemistry.</i> <b>124</b> (2016); 794-808	4,519 (2016.)	IK
401.	Godec, Ranka; Jakovljević, Ivana; Šega, Krešimir; Čačković, Mirjana; Bešlić, Ivan; Davila, Silvije; Pehneck, Gordana. Carbon species in PM10 particle fraction at different monitoring sites. // <i>Environmental pollution.</i> <b>216</b> (2016); 700-710	5,099 (2016.)	IK
402.	Govender, Thavendran; Govinden, Usha; Mocktar, Chunderik; Kruger, Hendrik G.; Veljković, Jelena; Cindro, Nikola; Bobinac, Damir; Žabčić, Ivana; Mlinarić-Majerski, Kata; Basarić, Nikola. In vitro investigation of the antimicrobial activity of a series of lipophilic phenols and naphthols. // <i>South African journal of chemistry-Suid-Afrikaanse tydskrif vir chemie.</i> <b>69</b> (2016); 44-50	0,653 (2016.)	IK
403.	Govorčin Bajsić, Emi; Mijović, Budimir; Vranješ Penava, Nina; Holjevac Grgurić, Tamara; Slouf, Miroslav; Zdraveva, Emilija. The effect of UV irradiation on the electrospun PCL/TiO <sub>2</sub> composites fibres. // <i>Journal of applied polymer science.</i> <b>133</b> (2016); 24; 43539-1-43539-9	1,860 (2016.)	KI
404.	Gracin, Leo; Režek Jambrak, Anet; Juretić, Hrvoje; Dobrović, Slaven; Barukčić, Irena; Grozdanović, Martin; Smoljanić, Goran. Influence of high power ultrasound on <i>Brettanomyces</i> and lactic acid bacteria in wine in continuous flow treatment. // <i>Applied acoustics.</i> <b>103</b> (2016), Part B; 143-147	1,921 (2016.)	IK

405.	Grahek, Željko; Breznik, Borut; Stojković, Ivana; Coha, Ivana; Nikolov, Jovana; Todorović, Nataša. Measurement of tritium in the Sava and Danube Rivers. // <i>Journal of environmental radioactivity</i> . <b>162-163</b> (2016); 56-67	2,310 (2016.)	IK
406.	Grčić, Ivana; Papić, Sanja. Sonochemical treatment of effluent originating from desulfurization process; validation of predictive models. // <i>Applied acoustics</i> . <b>103</b> (2016); 232-238	1,921 (2016.)	IK
407.	Gudić, Senka; Vrsalović, Ladislav; Kliškić, Maja; Jerković, Igor; Radonić, Ani; Zekić, Marina. Corrosion inhibition of AA 5052 aluminium alloy in 0.5 M NaCl solution by different types of honey. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 2; 998-1011	1,469 (2016.)	IK
408.	Hajdari, Zana; Otmačić Ćurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C145-C155	3,259 (2016.)	IK
409.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Ćurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 14; C937-C944	3,259 (2016.)	IK
410.	Herceg Romanić, Snježana; Kljaković-Gašpić, Zorana; Bituh, Tomislav; Žužul, Silva; Dvorščak, Marija; Fingler, Sanja; Jurasović, Jasna; Klinčić, Darija; Marović, Gordana; Orct, Tatjana; Rinkovec, Jasmina; Stipičević, Sanja. The impact of multiple anthropogenic contaminants on the terrestrial environment of the Plitvice Lakes National Park, Croatia. // <i>Environmental monitoring and assessment</i> . <b>188</b> (2016); 1; 27-1-27-16	1,687 (2016.)	IK
411.	Husak, Antonija; Noichl, Benjamin P.; Šumanovac Ramljak, Tatjana; Sohora, Margareta; Škalamera, Đani; Budiša, Nediljko; Basarić, Nikola. Photochemical formation of quinone methides from peptides containing modified tyrosine. // <i>Organic &amp; biomolecular chemistry</i> . <b>14</b> (2016); 10894-10905	3,564 (2016.)	IK
412.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO <sub>2</sub> nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 7660-7673	1,469 (2016.)	IK
413.	Jakić, Miće; Stipanelov Vrandečić, Nataša; Ocelić Bulatović, Vesna; Govorčin Bajsić, Emi. Miscibility of poly(vinyl chloride) with poly(ethylene oxide) of different molecular weights. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 61-71	0,923 (2016.)	KI
414.	Jakovljević, Ivana; Pehnc, Gordana; Šišović, Anica; Vadić, Vladimira; Davila, Silvije; Godec, Ranka. Concentrations of PAHs and other gaseous pollutants in the atmosphere of a rural area. // <i>Journal of environmental science and health. Part A, Toxic/hazardous substances &amp; environmental engineering</i> . <b>51</b> (2016); 707-713	1,425 (2016.)	IK
415.	Jelčić, Želimir; Ocelić Bulatović, Vesna; Rek, Vesna; Jurkaš Marković, Kristina. Relationship between fractal, viscoelastic and aging properties of linear and radial styrene-butadiene-styrene polymer-modified bitumen. // <i>Journal of elastomers and plastics</i> . <b>48</b> (2016); 1; 14-46	0,787 (2016.)	KI
416.	Jelčić, Želimir; Mastelić Samardžić, Zrinka; Zrnčević, Stanka. Catalytic hydrogenation of 2-(1-Benzyl-1,2,3,6-tetrahydropyridin-4-yl)methylene)-5,6-dimethoxy-2,3-dihydroinden-1-one hydrochloride: fractal-like and Weibull model kinetics. // <i>Industrial &amp; engineering chemistry research</i> . <b>55</b> (2016); 3890-3899	2,843 (2016.)	KI
417.	Jerković, Igor; Kranjac, Marina; Marijanović, Zvonimir; Zekić, Marina; Radonić, Ani; Tuberoso, Giovanni Ignazio Carlo. Screening of <i>Satureja subspicata</i> Vis. honey by HPLC-DAD, GC-FID/MS and UV/VIS: Prephenate derivatives as biomarkers. // <i>Molecules</i> . <b>21</b> (2016); 3; 377-1-377-11 Article number: 377	2,861 (2016.)	IK
418.	Jerković, Igor; Radonić, Ani; Kranjac, Marina; Zekić, Marina; Marijanović, Zvonimir; Gudić, Senka; Kliškić, Maja. Red clover ( <i>Trifolium pratense</i> L.) honey: volatiles chemical-profiling and unlocking antioxidant and anticorrosion capacity. // <i>Chemical papers</i> . <b>70</b> (2016); 6; 726-736	1,258 (2016.)	IK

419.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Ćurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . <b>123</b> (2016); 1; 421-430	1,953 (2016.)	IK
420.	Kerolli-Mustafa, Mihone; Ćurković, Lidija. Analysing the characteristics and application potentials of jarosite waste in Kosovo. // <i>Global NEST Journal</i> . <b>18</b> (2016); 1; 89-97	0,665 (2016.)	IK
421.	Knezović, Zlatka; Trgo, Marina; Sutlović, Davorka. Monitoring mercury environment pollution through bioaccumulation in meconium. // <i>Process safety and environmental protection</i> . <b>101</b> (2016); 2-8	2,905 (2016.)	IK
422.	Knezović, Zlatka; Trgo, Marina; Sutlović, Davorka. Assessment of environmental pollution through accumulation of lead and cadmium in meconium samples. // <i>Fresenius environmental bulletin</i> . <b>25</b> (2016); 12A; 5804-5811	0,425 (2016.)	IK
423.	Koričić, Krešimir; Kušić, Hrvoje; Koprivanac, Natalija; Papić, Sanja. Mineralization of salicylic acid in water by catalytic ozonation. // <i>Environmental engineering and management journal</i> . <b>15</b> (2016); 1; 151-166	1,096 (2016.)	IK
424.	Kosor, Tihomir; Nakić-Alfirević, Barbara; Gajović, Andreja. Geopolymerization Index of fly ash geopolymers. // <i>Vibrational spectroscopy</i> . <b>85</b> (2016); 104-111	1,740 (2016.)	IK
425.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 15; 14908-14917	2,741 (2016.)	IK
426.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Kratožil Krehula, Ljerka; Musić, Svetozar. The effects of In <sup>3+</sup> doping on the properties of precipitated goethite. // <i>Journal of alloys and compounds</i> . <b>658</b> (2016); 41-48	3,133 (2016.)	IK
427.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonič, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 24; 10959-10968	1,631 (2016.)	IK
428.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . <b>2016</b> (2016); 7274949-1-7274949-8	1,871 (2016.)	IK
429.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . <b>124</b> (2016); 2; 645-655	1,953 (2016.)	IK
430.	Maduna Valkaj, Karolina; Tomašić, Vesna; Katović, Andrea; Bielańska, ElżBieta. Synthesis and characterization of Cu-MFI catalyst for the direct medium temperature range NO decomposition. // <i>Materials science-Poland</i> . <b>34</b> (2016); 177-184	0,610 (2016.)	KI, IK
431.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Different charge storage mechanisms at some carbon electrodes in redox active electrolyte revealed by electrochemical impedance spectroscopy. // <i>Electrochimica acta</i> . <b>195</b> (2016); 77-84	4,798 (2016.)	IK
432.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Hydrogen evolution on Pt and polyaniline modified Pt electrodes—a comparative electrochemical impedance spectroscopy study. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016); 3003-3013	2,316 (2016.)	IK
433.	Mandić, Leo; Mlinarić-Majerski, Kata; Griesbeck, Axel G; Basarić, Nikola. Photodecarboxylation of adamantane amino acids activated by phthalimide. // <i>European journal of organic chemistry</i> . <b>2016</b> (2016); 4404-4414	2,834 (2016.)	IK
434.	Mandić, Vilko; Tkalčec, Emilija; Popović, Jasminka; Kurajica, Stanislav; Schmauch, Jorg. Crystallization pathway of sol-gel derived zinc-doped mullite precursors. // <i>Journal of the European ceramic society</i> . <b>36</b> (2016); 5; 1285-1292	3,454 (2016.)	IK
435.	Margeta, Dunja; Grčić, Ivana; Papić, Sanja; Sertić-Bionda, Katica; Foglar, Lucija. Impact of ultrasound application on oxidative desulfurization of diesel fuel and on treatment of resulting wastewater. // <i>Environmental technology</i> . <b>37</b> (2016); 3; 1; 293-299	1,751 (2016.)	KI, IK

436.	Margeta, Dunja; Sertić-Bionda, Katica; Foglar, Lucija. Ultrasound assisted oxidative desulfurization of model diesel fuel. // <i>Applied acoustics</i> . <b>103</b> (2016); 202-206	1,921 (2016.)	KI
437.	Margeta, Dunja; Ujević Andrijić, Željka; Sertić-Bionda, Katica. Prediction of dibenzothiophene conversion in the ultrasound assisted oxidative desulfurization process by regression model and neural network. // <i>Petroleum science and technology</i> . <b>34</b> (2016); 21; 1797-1802	0,655 (2016.)	KI
438.	Marović, Danijela; Šariri, Kristina; Demoli, Nazif; Ristić, Mira; Hiller, Karl-Anton; Škrtić, Drago; Rosentritt, Martin; Schmalz, Gottfried; Tarle, Zrinka. Remineralizing amorphous calcium phosphate based composite resins: the influence of inert fillers on monomer conversion, polymerization shrinkage, and microhardness. // <i>Croatian medical journal</i> . <b>57</b> (2016); 5; 465-473	1,619 (2016.)	IK
439.	Mimica Tkalčec, Marijana; Bistričić, Lahorija; Leskovac, Mirela. Influence of adhesive layer on the stability of kozo paper. // <i>Cellulose</i> . <b>23</b> (2016); 1; 853-872	3,417 (2016.)	IK
440.	Mladineo, Ivona; Popović, Marijana; Drmić-Hofman, Irena; Vedra, Poljak. A case report of Anisakis pegreffii (Nematoda, Anisakidae) identified from archival paraffin sections of a Croatian patient. // <i>Bmc infectious diseases</i> . <b>16</b> (2016); 42 -1-41-5	2,768 (2016.)	IK
441.	Mužek, Mario Nikola; Svilović, Sandra; Ugrina, Marin; Zelić, Jelica. Removal of copper and cobalt ions by fly ash-based geopolymer from solutions-equilibrium study. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 23; 10689-10699	1,631 (2016.)	KI
442.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Kinetic studies of cobalt ion removal from aqueous solutions using fly ash-based geopolymer and zeolite NaX as sorbents. // <i>Separation science and technology</i> . <b>51</b> (2016); 18; 2868-2875	1,106 (2016.)	KI
443.	Namjesnik, Danijel; Mutka, Sanela; Iveković, Damir; Gajović, Andreja; Willinger, Mark; Preočanin, Tajana. Application of the surface potential data to elucidate interfacial equilibrium at ceria/aqueous electrolyte interface. // <i>Adsorption: journal of the international adsorption society</i> . <b>22</b> (2016); 825-837	2,074 (2016.)	IK
444.	Ninčević Grassino, Antonela; Halambek, Jasna; Djaković, Senka; Rimac Brnčić, Suzana; Dent, Maja; Grabarić, Zorana. Utilization of tomato peel waste from canning factory as a potential source for pectin production and application as tin corrosion inhibitor. // <i>Food hydrocolloids</i> . <b>52</b> (2016); 265-274	4,747 (2016.)	IK
445.	Pehnec, Gordana; Jakovljević, Ivana; Šišović, Anica; Bešlić, Ivan; Vadić, Vladimira. Influence of ozone and meteorological parameters on levels of polycyclic aromatic hydrocarbons in the air. // <i>Atmospheric environment</i> . <b>131</b> (2016); 263-268	3,629 (2016.)	IK
446.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . <b>200</b> (2016); 98-106	4,529 (2016.)	IK
447.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>122</b> (2016); 530-545	4,519 (2016.)	IK
448.	Petrović, Željka; Ristić, Mira; Marcuš, Marijan; Ivanda, Mile; Đurina, Vedran; Musić, Svetozar. Hydrothermal processing of electrospun fibers in the synthesis of 1D ZnO nanoparticles. // <i>Materials letters</i> . <b>176</b> (2016); 278-281	2,572 (2016.)	IK
449.	Pintarić, Sanja; Zeljković, Ivan; Pehnec, Gordana; Neseck, Višnja; Vrsalović, Mislav; Pintarić, Hrvoje. Impact of meteorological parameters and air pollution on emergency department visits for cardiovascular diseases in the metropolitan area of Zagreb, Croatia. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>67</b> (2016); 3; 240-246	1,395 (2016.)	IK
450.	Planinić, Mirela; Zelić, Bruno; Čubel, Ivan; Bucić-Kojić, Ana; Tišma, Marina. Corn forage biological pretreatment by <i>Trametes versicolor</i> in a tray bioreactor. // <i>Waste management &amp; research</i> . <b>34</b> (2016); 8; 802-809	1,803 (2016.)	KI, IK

451.	Poveda-Reyes, Sara; Moulisova, Vladimira; Sanmartin-Masia, Esther; Quintanilla-Sierra, Luis; Salmeron-Sanchez, Manuel; Gallego Ferrer, Gloria. Gelatin-hyaluronic acid hydrogels with tuned stiffness to counterbalance cellular forces and promote cell differentiation. // <i>Macromolecular bioscience</i> . <b>16</b> (2016); 1311-1324	3,238 (2016.)	IK
452.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murčić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 4; 501-509	0,923 (2016.)	KI, IK
453.	Pustaj, Gordana; Kapor, Frankica; Veinović, Želimir. Olive leaf extract as a corrosion inhibitor of carbon steel in CO <sub>2</sub> -saturated chloride-carbonate solution. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 7811-7829	1,469 (2016.)	IK
454.	Pustak, Anđela; Denac, Matjaž; Leskovic, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Structure and morphology of silica-reinforced polypropylene composites modified with m-EPR copolymers. // <i>Journal of polymer research</i> . <b>23</b> (2016); 2; 37-1-37-12	1,615 (2016.)	IK
455.	Račić Kozmus, Aleksandra; Žgajnar Gotvajn, Andreja; Lobnik, Aleksandra, Novak, Nina, Klasinc, Aljaž, Zupančič, Gregor Drago. Anaerobic treatment to improve sludge recovery at a deinked fiber pulp and paper mill. // <i>Tappi journal</i> . <b>15</b> (2016); 2; 127-137	0,803 (2016.)	KI
456.	Rešček, Ana; Ščetar, Mario; Hrnjak-Murčić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . <b>55</b> (2016); 14; 1450-1459	1,232 (2016.)	KI, IK
457.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . <b>98</b> (2016); 172-181	3,684 (2016.)	KI, IK
458.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> . <b>44</b> (2016); 4; 1107-1119	3,221 (2016.)	KI, IK
459.	Rogošić, Marko; Sander, Aleksandra; Kojić, Vedran; Parlov Vuković, Jelena. Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). // <i>Fluid phase equilibria</i> . <b>412</b> (2016); 39-50	2,473 (2016.)	KI, IK
460.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . <b>123</b> (2016); 42-52	3,255 (2016.)	IK
461.	Rymansaib, Zuhayr; Iravani, Pejman; Emslie, Edward; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan; Verdejo, Raquel; Marken, Frank. All-Polystyrene 3D-printed electrochemical device with embedded carbon nanofiber-graphite-polystyrene composite conductor. // <i>Electroanalysis</i> . <b>28</b> (2016); 7; 1517-1523	2,851 (2016.)	IK
462.	Sabater i Serra, Roser; Leon-Boigues, Laia; Sanchez-Laosa, Antonio; Gomez-Estrada, Luis; Gomez Ribelles, Jose Luis; Salmeron-Sanchez, Manuel; Gallego Ferrer, Gloria. Role of chemical crosslinking in material-driven assembly of fibronectin (nano)networks: 2D surfaces and 3D scaffolds. // <i>Colloids and surfaces B-Biointerfaces</i> . <b>148</b> (2016); 324-332	3,887 (2016.)	IK
463.	Sabour, Smain; Especel, Catherine; Fontaine, Celine; Bidaoui, Mourad; Benatallah, Lakhdar; Saib-Bouchenafa, Naima; Barbier, Jacques, Jr.; Mohammedi, Ourida. Catalytic oxidation of n-butanol over platinum supported mesoporous silica CMI-1. // <i>Journal of molecular catalysis A-Chemical</i> . <b>420</b> (2016); 50-55	4,211 (2016.)	KI

464.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO <sub>2</sub> -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . <b>304</b> (2016); 289-302	6,216 (2016.)	IK
465.	Sander, Aleksandra; Rogošić, Marko; Slivar, Anamarija; Žuteg, Barbara. Separation of hydrocarbons by means of liquid-liquid extraction with deep eutectic solvents. // <i>Solvent extraction and ion exchange</i> . <b>34</b> (2016); 1; 86-98	2,456 (2016.)	KI, IK
466.	Sović, Irena; Orehovec, Iva; Stilinović, Vladimir; Basarić, Nikola; Karminski-Zamola, Grace. Benzothiazolyl- and benzimidazolyl-substituted 1-iminoisoindolines: synthesis, mechanistic studies and crystal structure determination. // <i>Monatshefte für Chemie</i> . <b>147</b> (2016); 10; 1825-1837	1,282 (2016.)	IK
467.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . <b>28</b> (2016); 6; 1149-1169	2,851 (2016.)	IK
468.	Steinberg, Matthew; Tkalčec, Biserka; Murković Steinberg, Ivana. Towards a passive contactless sensor for monitoring resistivity in porous materials. // <i>Sensors and actuators. B, Chemical</i> . <b>234</b> (2016); 294-299	5,401 (2016.)	IK
469.	Sutlović, Davorka; Borić, Igor; Slišković, Livia; Popović, Marijana; Knezović, Zlatka; Nikolić, Ivana; Vučinović, Ana. Bone mineral density of skeletal remains: Discordant results between chemical analysis and DXA method. // <i>Legal medicine</i> . <b>20</b> (2016); 18-22	1,276 (2016.)	IK
470.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . <b>6</b> (2016); 27-32	1,768 (2016.)	KI, IK
471.	Šamec, Dunja; Valek-Žulj, Lidija; Martinez, Sanja; Grúz, Jifi; Piljac, Ante; Piljac-Žegarac, Jasenka. Phenolic acids significantly contribute to antioxidant potency of <i>Gynostemma pentaphyllum</i> aqueous and methanol extracts. // <i>Industrial crops and products</i> . <b>84</b> (2016); 104-107	3,181 (2016.)	IK
472.	Šupe-Domić, Daniela; Milas, Goran; Drmić-Hofman, Irena; Rumora, Lada; Martinović Klarić, Irena. Daily salivary cortisol profile: insights from the Croatian Late Adolescence Stress Study (CLASS). // <i>Biochemia medica : časopis hrvatskoga društva medicinskih biokemičara</i> . <b>26</b> (2016); 3; 408-420	2,934 (2016.)	IK
473.	Tlak Gajger, Ivana; Kosanović, Marina; Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno. Variations in lead, cadmium, arsenic, and mercury concentrations during honeybee wax processing using casting technology. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>67</b> (2016); 223-228	1,395 (2016.)	IK
474.	Tomašegović, Tamara; Mahović Poljaček, Sanja; Leskovac, Mirela. UVA and UVC modification of photo polymeric surface and application for flexographic deposition of thin coatings. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43526-1-43526-12	1,860 (2016.)	IK
475.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Recovery of flavonoids from grape skins by enzyme-assisted extraction. // <i>Separation science and technology</i> . <b>51</b> (2016); 2; 255-268	1,106 (2016.)	IK
476.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Solid-liquid extraction of phenolics from red grape skins. // <i>Acta chimica Slovenica</i> . <b>63</b> (2016); 2; 287-297	0,983 (2016.)	IK
477.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Preiner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Multi-response optimisation of ultrasound-assisted extraction for recovery of flavonoids from red grape skins using response surface methodology. // <i>Phytochemical analysis</i> . <b>27</b> (2016); 1; 13-22	2,292 (2016.)	IK
478.	Tomić, Tatjana; Milčić, Martina; Uzorinac Nasipak, Nada; Babić, Sandra. Determination of chloride and sulfate in bio-ethanol by ion chromatography. // <i>Indian journal of chemical technology</i> . <b>23</b> (2016); 65-70	0,568 (2016.)	IK

479.	Varenina, Ivana; Bilandžić, Nina; Solomun Kolanović, Božica; Božić, Đurđica; Sedak, Marija; Đokić, Maja; Varga, Ines. Validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous determination of sulfonamides, trimethoprim and dapsone in muscle, egg, milk and honey. // <i>Food additives and contaminants Part A-Chemistry analysis control exposure &amp; risk assessment</i> . <b>33</b> (2016) , 4; 656-667	2,047 (2016.)	IK
480.	Vikingsson, L.; Antolinos-Turpin, C. M.; Gomez-Tejedor, J. A.; Gallego Ferrer, Gloria; Gomez Ribelles, J. L. Prediction of the in vivo mechanical behavior of biointegrable acrylic macroporous scaffolds. // <i>Materials science &amp; engineering C-Materials for biological applications</i> . <b>61</b> (2016); 651-658	4,164 (2016.)	IK
481.	Vikingsson, Line; Vinals-Guitart, Alvaro; Valera-Martinez, Alfonso; Riera, Jaime; Vidaurre, Ana; Gallego Ferrer, Gloria; Gomez Ribelles, Jose Luis. Local deformation in a hydrogel induced by an external magnetic field. // <i>Journal of materials science</i> . <b>51</b> (2016); 9979-9990	2,599 (2016.)	IK
482.	Vladislavić, Nives; Buzuk Marijo; Brinić, Slobodan; Buljac, Maša; Bralić, Marija. Morphological characterization of ex situ prepared bismuth film electrodes and their application in electroanalytical determination of the biomolecules. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016); 8; 2241-2250	2,316 (2016.)	IK
483.	Vuk, Dragana; Horváth, Ottó; Marinić, Željko; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton possessing one isolated double bond via photocatalytic oxygenation. // <i>Journal of molecular structure</i> . <b>1107</b> (2016); 70-76	1,753 (2016.)	IK
484.	Vurnek, Maja; Brozinčević, Andrijana; Briški, Felicita; Matoničkin Kepčija, Renata. Distributional patterns of fecal indicator bacteria in spring area of Plitvice Lakes National park. // <i>Periodicum biologorum</i> . <b>118</b> (2016); 1; 37-44	0,184 (2016.)	KI, IK
485.	Wittine, Karlo; Ratkaj, Ivana; Benci, Krešimir; Suhina, Tomislav; Mandić, Leo; Ilić, Nataša; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Mintas, Mladen. The novel coumarin[3, 2-c]thiophene and its hydroxamic acid and ureido derivatives : synthesis and cytostatic activity evaluations. // <i>Medicinal chemistry research</i> . <b>25</b> (2016); 4; 728-737	1,277 (2016.)	IK
486.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . <b>510</b> (2016); 169-175	2,714 (2016.)	IK
487.	Zekić, Marina; Radonić, Ani; Marijanović, Zvonimir. Glucosinolate profiling of <i>Calepina irregularis</i> . // <i>Natural product communications</i> . <b>11</b> (2016); 9; 1329-1332	0,773 (2016.)	IK
488.	Bačić, Ivana; Mandić, Vilko; Čurković, Lidija; Otmačić-Čurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO <sub>2</sub> nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 197-206	1,953 (2016.)	IK
489.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . <b>234</b> (2017) ; 245-253	4,529 (2016.)	IK
490.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Varga, Ines; Želježić, Blaženka; Cvetnić, Luka; Benić, Miroslav; Tanković, Sanin; Cvetnić, Željko. Occurrence of aflatoxin M1 in raw cow, goat and sheep milk during spring and autumn in Croatia during 2016. // <i>Toxin reviews</i> . <b>36</b> (2017) , 4; 290-296	0,789 (2016.)	IK
491.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research international</i> . <b>24</b> (2017) , 10; 9802-9812	2,741 (2016.)	IK
492.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . <b>186</b> (2017) ; 660-668	4,208 (2016.)	IK

493.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . <b>18</b> (2017) , 11; 2292-1-2292-20	3,226 (2016.)	IK
494.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 15; 7531-7543	3,269 (2016.)	IK
495.	Blažek Bregović, Vesna; Basarić, Nikola. Competing processes in the photochemistry of picolines and their N-methyl salts: photoinduced charge transfer, phototransposition and photohydration. // <i>Research on chemical intermediates</i> . <b>43</b> (2017) , 2; 859-871	1,369 (2016.)	IK
496.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . <b>100</b> (2017) , 6; 1647-1651	0,962 (2016.)	IK
497.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 19; 16172-16185	2,741 (2016.)	IK
498.	Bota, Josip; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murđić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . <b>31</b> (2017) , 5; 466-486	1,073 (2016.)	KI, IK
499.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murđić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 417-424	0,923 (2016.)	KI, IK
500.	Botti, V.; Mazzucato, U.; Šindler-Kulyk, Marija; Spalletti A. Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyrid-n-yl)ethenyl]oxazole's (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>333</b> (2017) ; 33-39	2,625 (2016.)	IK
501.	Brnardić, Ivan; Čurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . <b>45</b> (2017) , 7; 1600509-1-1600509-9	1,473 (2016.)	IK
502.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . <b>181</b> (2017) , 3; 948-960	1,751 (2016.)	KI, IK
503.	Chaiwongwattana, Sermsiri; Škalamera, Đani; Došlić, Nadja; Bohne, Cornelia; Basarić, Nikola. Substitution pattern on anthrol carbaldehydes: excited state intramolecular proton transfer (ESIPT) with a lack of phototautomer fluorescence. // <i>Physical chemistry chemical physics</i> . <b>19</b> (2017) , 41; 28439-28449	4,123 (2016.)	IK
504.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>136</b> (2017) ; 468-479	4,519 (2016.)	IK
505.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . <b>26</b> (2017) , 9; 2024-2037	1,277 (2016.)	IK



506.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . <b>139</b> (2017) ; 139-149	3,743 (2016.)	IK
507.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . <b>20</b> (2017) , 1; 20160172-1-20160172-14	0,564 (2016.)	IK
508.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 25; 20521-20539	2,741 (2016.)	IK
509.	Čizmić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . <b>323</b> (2017) , Part A; 500-512	6,065 (2016.)	IK
510.	Čorić, Danko; Čurković, Lidija; Majić Renjo, Marijana. Statistical analysis of Vickers indentation fracture toughness of Y-TZP ceramics. // <i>Transactions of Famena</i> . <b>41</b> (2017) , 2; 1-16	0,500 (2016.)	IK
511.	Čorić, Danko; Majić Renjo, Marijana; Čurković, Lidija. Vickers indentation fracture toughness of Y-TZP dental ceramics. // <i>International journal of refractory metals &amp; hard materials</i> . <b>64</b> (2017) ; 14-19	2,155 (2016.)	IK
512.	Čurković, Lidija; Jukić, Mirela; Šokčević, Zrinka; Majić Renjo, Marijana. Woody biomass fly ash as a low-cost sorbent for the removal of ionic dye from aqueous solution: Isotherm, kinetic modelling and thermodynamics. // <i>Desalination and water treatment</i> . <b>89</b> (2017) ; 171-180	1,631 (2016.)	IK
513.	Čurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>48</b> (2017) , 8; 797-802	0,524 (2016.)	IK
514.	Delmote, Josephine; Teruel-Biosca, Laura; Gómez Ribelles, José Luis; Gallego Ferrer, Gloria. Emulsion based microencapsulation of proteins in poly(L-lactic acid) films and membranes for the controlled release of drugs. // <i>Polymer degradation and stability</i> . <b>146</b> (2017) ; 24-33	3,386 (2016.)	IK
515.	Denžić Lugomer, Marija; Pavliček, Damir; Bilandžić, Nina; Majnarić, Darko. Determination of benzimidazole residues and their metabolites in raw milk using high performance liquid chromatography-diode array detection. // <i>Mljekarstvo</i> . <b>67</b> (2017) , 3; 231-238	0,631 (2016.)	IK
516.	Dolar, Davor; Drašić, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . <b>134</b> (2017) , 5; 44426-1-44426-12	1,860 (2016.)	IK
517.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . <b>116</b> (2017) ; 13-22	6,942 (2016.)	IK
518.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 375-383	0,923 (2016.)	KI, IK
519.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . <b>60</b> (2017) , 6; 1063-1069	1,685 (2016.)	IK
520.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by <sup>1</sup> H NMR spectroscopy. // <i>Energy &amp; fuels</i> . <b>31</b> (2017) , 4; 3943-3948	3,091 (2016.)	IK
521.	Franić, Zdenko; Marović, Gordana; Petrinc, Branko; Branica, Gina. Post-Chernobyl investigations of radiocesium activity concentrations in cistern waters along the Croatian Coast of the Adriatic Sea. // <i>Health physics</i> . <b>113</b> (2017) , 3; 167-174	1,276 (2016.)	IK

522.	Gilbert-Chirivella, Eduardo; Pérez-Feito, Ricardo; Ribeiro, Clarisse; Ribeiro, Sylvie; Correia, Daniela M.; González-Martín, Maria Luisa; Manero, José María; Lanceros-Méndez, Senentxu; Gallego Ferrer, Gloria; Gómez-Ribelles, José Luis. Chitosan patterning on titanium implants. // <i>Progress in organic coatings</i> . <b>111</b> (2017) ; 23-28	2,858 (2016.)	IK
523.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO <sub>2</sub> photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . <b>7</b> (2017) , 12; 412-1-412-16	3,553 (2016.)	KI, IK
524.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 21; 12746-12755	3,269 (2016.)	KI
525.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO <sub>2</sub> on UV degradation behavior of TiO <sub>2</sub> reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 297-306	0,586 (2016.)	KI
526.	Govorčin Bajsić, Emi; Filipan, Veljko; Ocelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 8; 2939-2955	1,430 (2016.)	KI
527.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO <sub>2</sub> under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . <b>67</b> (2017) ; 300-308	1,631 (2016.)	IK
528.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 1247-1267	4,519 (2016.)	IK
529.	Gugutkov, Dencho; Awaja, Firas; Belemezova, Kalina; Keremidarska, Milena; Krasteva, Natalia; Kyurkchiev, Stanimir; Gallego Ferrer, Gloria; Seker, Sukran; Elçin, Eser Ayşe; Elçin, Yaşar Murat; Altankov, George. Osteogenic differentiation of mesenchymal stem cells using hybrid nanofibers with different configurations and dimensionality. // <i>Journal of biomedical materials research Part A</i> . <b>105</b> (2017) , 7; 2065-2074	3,076 (2016.)	IK
530.	Hajduković, Mateja; Samardžić, Mirela; Galović, Olivera; Sečenji, Aleksandar; Sak-Bosnar, Milan. A functionalized nanomaterial based, new, solid state cationic-surfactant-selective sensor with fast response and low noise. // <i>Sensors and actuators. B, Chemical</i> . <b>251</b> (2017) ; 795-803	5,401 (2016.)	KIP, IK
531.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . <b>71</b> (2017) ; 13-20	1,258 (2016.)	KI, IK
532.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . <b>142</b> (2017) ; 108-115	3,473 (2016.)	IK
533.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . <b>178</b> (2017) ; 225-233	2,536 (2016.)	IK
534.	Horvat-Radošević, Višnja; Kvastek, Krešimir; Magdić Košiček, Katja. Application of Stoynev's 4-D analysis for nonstationary impedance spectra corrections of thin poly(o-ethoxyaniline) modified Pt electrode. // <i>Bulgarian chemical communications</i> . <b>49</b> (2017) , C; 119-127	0,238 (2016.)	IK

535.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . <b>41</b> (2017) , 1; 358-371	3,269 (2016.)	IK
536.	Jelčić, Želimir; Mađuna, Karolina; Zrnčević, Stanka. Kinetics of catalytic peroxide oxidation of phenol over three-dimensional fractals. // <i>Industrial &amp; engineering chemistry research</i> . <b>56</b> (2017) , 45; 12994-13009	2,843 (2016.)	KI
537.	Jelčić, Želimir; Očelić Bulatović, Vesna; Jurkaš Marković, Kristina; Rek, Vesna. Multi-fractal morphology of un-aged and aged SBS polymer-modified bitumen. // <i>Plastics, rubber and composites</i> . <b>46</b> (2017) , 2; 77-98	0,660 (2016.)	KI
538.	Jozanović, Marija; Hajduković, Mateja; Galović, Olivera; Kralik, Gordana; Kralik, Zlata; Sakač, Nikola; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Determination of anti-oxidative histidine dipeptides in poultry by microchip capillary electrophoresis with contactless conductivity detection. // <i>Food chemistry</i> . <b>221</b> (2017) ; 1658-1665	4,529 (2016.)	IK
539.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . <b>56</b> (2017) ; 270-276	4,421 (2016.)	IK
540.	Jukić, Mirela; Čurković, Lidija; Šabarić, Jasenka; Kerolli-Mustafa, Mihone. Fractionation of heavy metals in fly ash from wood biomass using the BCR sequential extraction procedure. // <i>Bulletin of environmental contamination and toxicology</i> . <b>99</b> (2017) , 4; 524-529	1,412 (2016.)	IK
541.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . <b>52</b> (2017) , 5; 864-875	1,106 (2016.)	KI, IK
542.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . <b>182</b> (2017) , 4; 1575-1590	1,751 (2016.)	KI, IK
543.	Karnaš, Maja; Sakač, Nikola; Jozanović, Marija; Tsakiri, Maria; Kopriva, Martina, Kovač-Andrić, Elvira; Sak-Bosnar, Milan. The influence of plasticisers on response characteristics of anionic surfactant potentiometric sensor. // <i>International journal of electrochemical science</i> . <b>12</b> (2017) ; 5921-5933	1,469 (2016.)	IK
544.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . <b>246</b> (2017) ; 455-460	5,401 (2016.)	IK
545.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 401-411	0,586 (2016.)	KI, IK
546.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 385-394	0,923 (2016.)	KI, IK
547.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Čurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . <b>642</b> (2017) , 1; 29-37	0,571 (2016.)	IK
548.	Katić, Višnja; Čurković, Lidija; Bošnjak Ujević, Magdalena; Peroš, Kristina; Mandić, Davor; Špalj, Stjepan. Effect of pH, fluoride and hydrofluoric acid concentration on ion release from NiTi wires with various coatings.. // <i>Dental materials journal</i> . <b>36</b> (2017) , 2; 149-156	1,073 (2016.)	IK
549.	Kerolli-Mustafa, Mihone; Čurković, Lidija; Ujević Bošnjak, Magdalena; Rezić, Tonči. Environmental Hazard Assessment of Jarosite Waste Using Batch Leaching Tests. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 403-415	0,923 (2016.)	IK

550.	Kobzi, Balazs; Kuzmann, Erno; Sinko, Katalin; Homonnay, Zoltan; Ristić, Mira; Krehula, Stjepko; Nishida, Tetsuaki; Kubuki, Shiro. The relationship between Sn <sup>II</sup> fraction and visible light activated photocatalytic activity of SnO <sub>x</sub> -SiO <sub>2</sub> glass studied by Mössbauer spectroscopy. // <i>Journal of radioanalytical and nuclear chemistry</i> . <b>311</b> (2017), 3; 1859-1865	1,282 (2016.)	IK
551.	Kobzi, Balázs; Watanabe, Yuka; Akiyama, Kazuhiko; Kuzmann, Ernő; Homonnay, Zoltán; Krehula, Stjepko; Ristić, Mira; Nishida, Tetsuaki; Kubuki, Shiro. 57Fe-Mössbauer study and methylene blue decomposing effect of nanoparticle mixtures composed of metallic iron and maghemite. // <i>Journal of alloys and compounds</i> . <b>722</b> (2017); 94-100	3,133 (2016.)	IK
552.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak- Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO <sub>2</sub> nanocomposites for food packaging. // <i>Polymer bulletin</i> . <b>74</b> (2017), 4; 1387-1404	1,430 (2016.)	KI, IK
553.	Krehula, Stjepko; Ristić, Mira; Reissner, Michael; Kubuki, Shiro; Musić, Svetozar. Synthesis and properties of indium-doped hematite. // <i>Journal of alloys and compounds</i> . <b>695</b> (2017); 1900-1907	3,133 (2016.)	IK
554.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017), 4; 369-374	0,923 (2016.)	KI, IK
555.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . <b>196</b> (2017); 194-204	2,084 (2016.)	IK
556.	Ma, Jiani; Zhang, Xiting; Basarić, Nikola; Phillips, David Lee. Direct observation of photoinduced ultrafast generation of singlet and triplet quinone methides in aqueous solutions and insight into the roles of acidic and basic sites in quinone methide formation. // <i>Journal of the American chemical society</i> . <b>139</b> (2017), 50; 18349-18357	13,858 (2016.)	IK
557.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . <b>37</b> (2017), 9; 3137-3149	3,454 (2016.)	IK
558.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovac, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO <sub>2</sub> nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017), 1; 399-408	1,953 (2016.)	IK
559.	Mandić, Vilko; Plodinec, Milivoj; Kereković, Irena; Juraić, Krunoslav; Janicki, Vesna; Gracin, Davor; Gajović, Andreja; Mogaš-Milanković, Andrea; Willinger, Marc Georg. Tailoring anatase nanotubes for the photovoltaic device by the anodization process on behalf of microstructural features of titanium thin film. // <i>Solar energy materials and solar cells</i> . <b>168</b> (2017); 136-145	4,784 (2016.)	IK
560.	Melang Me Nze, Vanessa; Fontaine, Céline; Barbier, Jacques, Jr. Preparation and characterization of MgAlCe mixed oxides for catalytic oxidation of acetic acid. // <i>Comptes rendus chimie</i> . <b>20</b> (2017), 1; 67-77	1,879 (2016.)	KI
561.	Meljanac, Daniel; Juraić, Krunoslav; Mandić, Vilko; Skenderović, Hrvoje; Bernstorff, Sigrid; Plaisier, Jasper R.; Šantić, Ana; Gajović, Andreja; Šantić, Branko; Gracin, Davor. The influence of thermal annealing on the structural, optical and electrical properties of AZO thin films deposited by magnetron sputtering. // <i>Surface &amp; coatings technology</i> . <b>321</b> (2017); 292-299	2,589 (2016.)	IK
562.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . <b>7</b> (2017), 2; 791-800	3,108 (2016.)	KI, IK
563.	Meštrović, Jakov; Pogorelić, Zenon; Drmić- Hofman, Irena; Vilović, Katarina; Todorić, Davor; Popović, Marijana. Protective effect of urapidil on testicular torsion-detorsion injury in rats. // <i>Surgery today</i> . <b>47</b> (2017), 3; 393-398	1,745 (2016.)	IK
564.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . <b>24</b> (2017), 11; 10091-10106	2,741 (2016.)	IK

565.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . <b>45</b> (2017), 7; 1700082-1-1700082-14	1,473 (2016.)	IK
566.	Novak, Jurica; Prlj, Antonio; Basarić, Nikola; Corminboeuf, Clémence; Došlić, Nada. Photochemistry of 1- and 2-naphthols and their water clusters : the role of $^1\pi\pi^*(L_a)$ mediated hydrogen transfer to carbon atoms. // <i>Chemistry: a European journal</i> . <b>23</b> (2017), 34; 8244-8251	5,317 (2016.)	IK
567.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . <b>32</b> (2017), 1; 102-111	0,634 (2016.)	KI
568.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electro dialysis. // <i>Biochemical engineering journal</i> . <b>125</b> (2017); 221-229	2,892 (2016.)	KI, IK
569.	Panjičko, Mario; Zupančić, Gregor Drago; Fanelđ, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . <b>166</b> (2017); 519-529	5,715 (2016.)	KI, IK
570.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017); 722-735	4,519 (2016.)	IK
571.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Štepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 2; 145-154	0,586 (2016.)	IK
572.	Petrović, Željka; Ristić, Mira; Musić, Svetozar. The effect of sodium polyanethol sulfonate on the precipitation of zinc oxide. // <i>Journal of alloys and compounds</i> . <b>694</b> (2017); 1331-1337	3,133 (2016.)	IK
573.	Petrović, Željka; Ristić, Mira; Musić, Svetozar; Fabián, Martin. The effect of gum arabic on the nano / microstructure and optical properties of precipitated ZnO. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 2; 135-143	0,586 (2016.)	IK
574.	Petrušić, Sanja; Samardžić, Mirela; Sečenji, Aleksandar; Sak-Bosnar, Milan. Application of a new functionalized MWCNTs for the construction of surfactant potentiometric sensors. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 2; 241-250	0,586 (2016.)	KIP, IK
575.	Plavac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>120</b> (2017), 1; 385-401	1,264 (2016.)	IK
576.	Prkić, Ante; Jurić, Antonija; Giljanović, Josipa; Politeo, Nives; Sokol, Vesna; Bošković, Perica; Brkljača, Mia; Stipišić, Angela; Fernandez, Carlos; Vukušić, Tina. Monitoring content of cadmium, calcium, copper, iron, lead, magnesium and manganese in tea leaves by electrothermal and flame atomizer atomic absorption spectrometry. // <i>Open chemistry</i> . <b>15</b> (2017), 1; 200-207	1,027 (2016.)	IK
577.	Pustaj, Gordana; Kapor, Frankica; Jakovljević, Suzana. Carbon dioxide corrosion of carbon steel and corrosion inhibition by natural olive leaf extract. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>48</b> (2017), 2; 122-138	0,524 (2016.)	IK
578.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 2; 187-195	0,586 (2016.)	IK
579.	Racané, Livio; Sedić, Mirela; Ilić, Nataša; Aleksić, Maja; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Novel 2-thienyl- and 2-benzothienyl-substituted 6-(2-imidazolyl)benzothiazoles: synthesis; in vitro evaluation of antitumor effects and assessment of mitochondrial toxicity. // <i>Anti-cancer agents in medicinal chemistry</i> . <b>17</b> (2017), 1; 57-66	2,598 (2016.)	IK

580.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . <b>188</b> (2017) ; 140-146	3,359 (2016.)	IK
581.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . <b>105</b> (2017) ; 386-392	2,905 (2016.)	IK
582.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . <b>181</b> (2017) ; 485-491	4,208 (2016.)	IK
583.	Radan, Mila; Carev, Ivana; Tešević, Vele; Politeo, Olivera; Čikeš Čulić, Vedrana. Qualitative HPLC-DAD-ESI-TOF-MS analysis, cytotoxic and apoptotic effects of Croatian endemic <i>Centaurea ragusina</i> L. aqueous extracts. // <i>Chemistry &amp; biodiversity</i> . <b>14</b> (2017) , 9; e1700099-1-e1700099-9	1,440 (2016.)	IK
584.	Radojčić Redovniković, Ivana; De Marco, Alessandra; Proietti, Chiara; Hanousek, Karla; Sedak, Marija; Bilandžić, Nina; Jakovljević, Tamara. Poplar response to cadmium and lead soil contamination. // <i>Ecotoxicology and environmental safety</i> . <b>144</b> (2017) ; 482-489	3,743 (2016.)	IK
585.	Rinkovec, Jasmina; Pehnec, Gordana; Žužul, Silva; Rončević, Sanda. Determination of platinum group elements in particulate matter by inductively coupled plasma mass spectrometry. // <i>Bulletin of environmental contamination and toxicology</i> . <b>98</b> (2017) , 5; 672-676	1,412 (2016.)	IK
586.	Ristić, Mira; Krehula, Stjepko; Reissner, Michael; Jean, Malick; Hannover, Beatrice; Musić, Svetozar. Synthesis and properties of precipitated cobalt ferrite nanoparticles. // <i>Journal of molecular structure</i> . <b>1140</b> (2017) ; 32-38	1,753 (2016.)	IK
587.	Ristić, Mira; Krehula, Stjepko; Reissner, Michael; Musić, Svetozar. 57Fe-Mössbauer, XRD, FT-IR, FE SEM analyses of natural goethite, hematite and siderite. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 499-507	0,586 (2016.)	IK
588.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . <b>9</b> (2017) , 9; 387-1-387-14	3,364 (2016.)	KI, IK
589.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . <b>166</b> (2017) ; 173-182	4,811 (2016.)	KI, IK
590.	Romac, Rinaldo; Barak, Otto; Glavaš, Duška; Sušilović Grabovac, Zora; Lozo, Petar; Roje, Igor; Čaljkušić, Krešimir; Drmić-Hofman, Irena; Davis, James T.; Dujić, Željko; Lovering, Andrew T.. Characterization of blood flow through intrapulmonary arteriovenous anastomoses and patent foramen ovale at rest and during exercise in stroke and transient ischemic attack patients. // <i>Echocardiography-a journal of cardiovascular ultrasound and allied techniques</i> . <b>34</b> (2017) , 5; 676-682	1,314 (2016.)	IK
591.	Roncarati, Alessandra; Felici, Alberto; Magi, Gian Enrico; Bilandžić, Nina; Melotti, Paolo. Growth and survival of cupped oysters ( <i>Crassostrea gigas</i> ) during nursery and pregrowing stages in open sea facilities using different stocking densities. // <i>Aquaculture international</i> . <b>25</b> (2017) , 5; 1777-1785	1,095 (2016.)	IK
592.	Sakač, Nikola; Jozanović, Marija; Karnaš, Maja; Sak-Bosnar, Milan. A new sensor for determination of anionic surfactants in detergent products with carbon nanotubes as solid contact. // <i>Journal of surfactants and detergents</i> . <b>20</b> (2017) , 4; 881-889	1,450 (2016.)	IK
593.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . <b>9</b> (2017) ; 2305-2314	1,900 (2016.)	IK

594.	Samardžić, Mirela; Galović, Olivera; Hajduković, Mateja; Sak-Bosnar, Milan. A novel, fast responding, low noise potentiometric sensor containing a carbon-based polymeric membrane for measuring surfactants in industrial and environmental applications. // <i>Talanta</i> . <b>162</b> (2017) ; 316-323	4,162 (2016.)	KIP, IK
595.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borna; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . <b>52</b> (2017) , 16; 2557-2572	1,106 (2016.)	KI, IK
596.	Sanmartín-Masiá, Esther; Poveda-Reyes, Sara; Gallego Ferrer, Gloria. Extracellular matrix-inspired gelatin/hyaluronic acid injectable hydrogels. // <i>International journal of polymeric materials and polymeric biomaterials</i> . <b>66</b> (2017) , 6; 280-288	1,515 (2016.)	IK
597.	Skoko, Božena; Marović, Gordana; Babić, Dinko; Šoštarić, Marko; Jukić, Mirela. Plant uptake of <sup>238</sup> U, <sup>235</sup> U, <sup>232</sup> Th, <sup>226</sup> Ra, <sup>210</sup> Pb and <sup>40</sup> K from a coal ash and slag disposal site and control soil under field conditions: A preliminary study. // <i>Journal of environmental radioactivity</i> . <b>172</b> (2017) ; 113-121	2,310 (2016.)	IK
598.	Sohora, Margareta; Vidović, Nikolina; Mlinarić-Majerski, Kata; Basarić, Nikola. Synthesis and photochemical reactivity of phthalimidoadamantane-tyrosine conjugates. // <i>Research on chemical intermediates</i> . <b>43</b> (2017) , 10; 5305-5320	1,369 (2016.)	IK
599.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 197-205	0,586 (2016.)	IK
600.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . <b>2017</b> (2017) , 26; 3787-3794	2,834 (2016.)	IK
601.	Škalamera, Đani; Blažek Bregović, Vesna; Antol, Ivana; Bohne, Cornelia; Basarić, Nikola. Hydroxymethylaniline photocages for carboxylic acids and alcohols. // <i>Journal of organic chemistry</i> . <b>82</b> (2017) , 23; 12554-12568	4,849 (2016.)	IK
602.	Škalamera, Đani; Mlinarić-Majerski, Kata; Martin-Kleiner, Irena; Kralj, Marijeta; Oake, Jessy; Wan, Peter; Bohne, Cornelia; Basarić, Nikola. Photochemical formation of anthracene quinone methide derivatives. // <i>Journal of organic chemistry</i> . <b>82</b> (2017) , 12; 6006-6021	4,849 (2016.)	IK
603.	Škalamera, Đani; Veljković, Jelena; Ptiček, Lucija; Sambol, Matija; Mlinarić-Majerski, Kata; Basarić, Nikola. Synthesis of asymmetrically disubstituted anthracenes. // <i>Tetrahedron</i> . <b>73</b> (2017) , 40; 5892-5899	2,651 (2016.)	IK
604.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . <b>13</b> (2017) , 13; 2352-2363	2,337 (2016.)	IK
605.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . <b>21</b> (2017) , 1; 201-210	1,752 (2016.)	IK
606.	Tucaković, Ivana; Barišić, Delko; Grahek, Željko. Application of mathematical calibrations in measurements of gamma emitting radionuclides in honey samples and borosilicate filters. // <i>Applied radiation and isotopes</i> . <b>126</b> (2017) ; 162-164	1,128 (2016.)	IK
607.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Čurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science</i> . <b>52</b> (2017) , 5; 2591-2604	2,599 (2016.)	IK
608.	Uzelac, Lidija; Škalamera, Đani; Mlinarić-Majerski, Kata; Basarić, Nikola; Kralj, Marijeta. Selective photocytotoxicity of anthrols on cancer stem-like cells: the effect of quinone methides or reactive oxygen species. // <i>European journal of medicinal chemistry</i> . <b>137</b> (2017) ; 558-574	4,519 (2016.)	IK

609.	Varga, Ines; Bilandžić, Nina; Mario, Mitak; Cvetnić, Luka; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Perković, Marija; Cvetnić, Željko. Biochemical and chemical parameters changes in the blood of chickens following treatments with maduramycin, monensin and diclazuril. // <i>Slovenian veterinary research</i> . <b>54</b> (2017), 2; 71-81	0,250 (2016.)	IK
610.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017), 1; 371-380	1,953 (2016.)	IK
611.	Veršič Bratinčević, Maja; Visković, Tanja; Sutlović, Davorka. Comparison of the solid phase and liquid-liquid extraction methods for methadone determination in human serum and whole blood samples using gas chromatography/mass spectrometry. // <i>Arhiv za higijenu rada i toksikologiju</i> . <b>68</b> (2017), 4; 308-314	1,395 (2016.)	IK
612.	Vladislavić, Nives; Buzuk, Marijo; Buljac, Maša; Kožuh, Stjepan; Bralić, Marija; Brinić, Slobodan. Sensitive electrochemical determination of folic acid using ex-situ prepared bismuth film electrodes. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 2; 231-239	0,586 (2016.)	IK
613.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . <b>21</b> (2017), 3; 621-636	1,752 (2016.)	IK
614.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . <b>38</b> (2017), 1; 65-77	1,751 (2016.)	IK
615.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothioephene and Thienothioephene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 3; 413-424	0,586 (2016.)	IK
616.	Zupančić, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . <b>55</b> (2017), 2; 187-196	0,891 (2016.)	KI, IK

**Tablica 5.1.2.** Popis radova mentora u bazi podataka Scopus, bez baze podataka WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 5.1.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	STUDIJ
1.	Dražević, Emil; Košutić, Krešimir. Utjecaj hidrodinamičkih uvjeta u membranskom uređaju na separacijsku učinkovitost reverzno osmotskih i nanofiltracijskih membrana. // <i>Hrvatske vode</i> . <b>85</b> (2013); 205-214	-	IK
2.	Kubuki, S; Shibano, K.; Akiyama, K.; Homonnay, Z.; Kuzmann, E.; Ristić, Mira; Nishida, T. Decomposition mechanism of methylene blue caused by metallic iron-maghemite mixture. // <i>Hyperfine interactions</i> . <b>218</b> (2013); 1-3; 47-52	-	IK
3.	Magdić, Katja; Horvat-Radošević, Višnja. Uloga elektrokemijske impedancijske spektroskopije u karakterizaciji elektroda i uređaja za pretvorbu i skladištenje energije. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>62</b> (2013); 3-4; 81-91	-	IK
4.	Štefančić, Sanja; Ćurković, Lidija; Baršić, Gorana; Majić Renjo, Marijana; Mehulić, Ketij. Investigation of glazed Y-TZP dental ceramics corrosion by surface roughness measurement. // <i>Acta stomatologica Croatica</i> . <b>47</b> (2013); 2; 163-168	-	IK
5.	Vadić, Vladimira; Žužul, Silva; Rinkovec, Jasmina; Pehneć, Gordana. Metali u sitnim česticama u zraku Zagreba. // <i>Sigurnost : časopis za sigurnost u radnoj i životnoj okolini</i> . <b>55</b> (2013), 1; 9-17	-	IK



6.	Gaálová, Jana; Jiráťová, Květuše; Klempa, Jan; Šolcová, Olga; Maupin, Irene; Mijoin; Jerome; Magnoux, Patrick; Barbier, Jacques Jr. Zeolite and mixed oxide catalysts for VOCs oxidation. // <i>WSEAS Transactions on environment and development</i> . <b>10</b> (2014); 135-144	-	KI
7.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna. Effect of silane treated and untreated talc on the properties of thermoplastic Polyurethane/Polypropilene blends. // <i>Advanced materials research</i> . <b>849</b> (2014); 121-126	-	KI
8.	Herner, Željko; Bažok, Renata; Briški, Felicita. Biodegradation of imidacloprid in an open compost pile. // <i>Journal of food agriculture &amp; environment</i> . <b>12</b> (2014); 3/4; 198-202	-	KI, IK
9.	Kurajica, Stanislav; Lozić, Iva; Pantaler, Martina. Thermal decomposition of calcium(II) bis(acetylacetonate) n-hydrate. // <i>Polimeri: časopis za plastiku i gumu</i> . <b>35</b> (2014); 1-2; 4-9	-	IK
10.	Movre Šapić, Iva; Bistričić, Lahorija; Volovšek Vesna; Dananić, Vladimir. Vibrational analysis of 3-Glycidoxypropyltrimethoxysilane polymer. // <i>Macromolecular symposia</i> . <b>339</b> (2014); 1; 122-129	-	IK
11.	Očelić Bulatović, Vesna; Govorčin Bajsić, Emi; Filipan, Veljko. Compatibilization of Thermoplastic polyurethane and polypropylene with a SEBS compatibilizer. // <i>Advanced materials research</i> . <b>1025-1026</b> (2014); 605-614	-	KI
12.	Shibano, Koya; Kubuki, Shiro; Akiyama, Kazuhiko; Homonnay, Zoltán; Kuzmann, Ernő; Krehula, Stjepko; Ristić, Mira; Nishida, Tetsuaki Local structure and water cleaning ability of iron oxide nanoparticles prepared by hydro-thermal reaction. // <i>Hyperfine interactions</i> . <b>226</b> (2014); 1-3; 489-497	-	IK
13.	Solomun Kolanović, Božica; Bilandžić, Nina; Varenina, Ivana; Božić, Đurđica. Tylosin content in meat and honey samples over a two-year period in Croatia. // <i>Journal of immunoassay and immunochemistry</i> . <b>35</b> (2014), 1; 37-47	-	IK
14.	Takahashi, Yusuke; Kubuki, Shiro; Akiyama, Kazuhiko; Sinkó, Katalin; Kuzmann, Erno; Homonnay, Zoltan; Ristić, Mira; Nishida, Tetsuaki Visible light activated photo-catalytic effect and local structure of iron silicate glass prepared by sol-gel method. // <i>Hyperfine interactions</i> . <b>226</b> (2014); 1-3; 747-753	-	IK
15.	Wittine, Ozren; Maduna Valkaj, Karolina, Zrnčević, Stanka. Obrada fenolne otpadne vode katalitičkim oksidacijskim procesima. // <i>Hrvatske vode</i> . <b>22</b> (2014); 90; 287-296	-	KI
16.	Faraguna, Fabio; Jukić, Ante. Novi petrokemijski procesi na temelju izravne pretvorbe metana. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 1-2; 27-37	-	IK
17.	Grčić, Ivana; Vrsaljko, Domagoj; Katančić, Zvonimir; Papić, Sanja Purification of household greywater loaded with hair colorants by solar photocatalysis using TiO <sub>2</sub> -coated textile fibers coupled flocculation with chitosan. // <i>Journal of water process engineering</i> . <b>5</b> (2015); 15-27	-	IK
18.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera; Grčević, Manuela, Kralik, Igor. Effect of β-alanine and L-histidine on concentration of carnosine in muscle tissue and oxidative stability of chicken meat. // <i>Poljoprivreda (Osijek)</i> . <b>21</b> (2015); 1 (Dodatak); 190-194	-	IK
19.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Preparation and photoactivity of the immobilized TiO <sub>2</sub> /chitosan layer. // <i>Chemical engineering transactions</i> . <b>43</b> (2015) ; 865-870	-	KI, IK
20.	Maduna Valkaj Karolina; Kaselj, Ivona; Islamović, Sanja; Zrnčević, Stanka. Katalitička oksidacija otpadnih voda industrije obrade maslina vodikovim peroksidom. // <i>Hrvatske vode</i> . <b>23</b> (2015), 94; 257-266	-	KI
21.	Maduna Valkaj, Karolina; Kaselj, Ivona; Smolković, Josipa; Zrnčević, Stanka; Kumar, Narendra; Murzin, Dmitry Yu Catalytic wet peroxide oxidation of olive oil mill wastewater over zeolite based catalyst. // <i>Chemical engineering transactions</i> . <b>43</b> (2015); 853-858	-	KI
22.	Majić Renjo, Marijana; Ćurković, Lidija; Grilec, Krešimir Erosion resistance of slip cast composite Al <sub>2</sub> O <sub>3</sub> - ZrO <sub>2</sub> ceramics. // <i>Procedia engineering</i> . <b>100</b> (2015); 1133-1140	-	IK

23.	Šabić, Monika; Vuković Domanovac, Marija; Findrik Blažević, Zvezdana; Meštrović, Ernest. Kinetika bioremedijacije farmaceutske industrijske otpadne vode. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 5-6; 229-236	-	KI
24.	Matijević, Jurica; Andrić, Tonija; Zelić, Jelica. Nekoliko starih recepata za pravljenje pisaće tinte iz knjižnice franjevačkog samostana u Zaostrugu. // <i>Portal-godišnjak Hrvatskog restauratorskog zavoda</i> . <b>7</b> (2016); 103-120	-	KI
25.	Medunić, Gordana; Šmit, Zdenko. Organic micropollutants in the Sava and Bosna river overbank and floodplain sediments during the may through June 2014 catastrophic flood. // <i>Rudarsko-geološko-naftni zbornik</i> . <b>31</b> (2016); 1; 45-52	-	IK
26.	Mičin, Saša; Martinez, Sanja; Malinović, Borislav; Grozdanić, Vedrana. Morphological and crystallographic characteristics of electrochemically deposited ternary alloy zinc-nickel-cobalt. // <i>Journal of chemical technology and metallurgy</i> . <b>51</b> (2016), 5; 556-562	-	IK
27.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 471-482	-	IK
28.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Ćizmić, Mirta. TiO <sub>2</sub> assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . <b>6</b> (2017); 34-41	-	IK
29.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburić, Đurđica; Varga, Ines. Koncentracije žive u različitim vrstama riba. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017), 4; 267-276	-	IK
30.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . <b>57</b> (2017); 889-894	-	KI, IK
31.	Đokić, Maja; Bilandžić, Bilandžić; Đuras, Martina; Gomerčić, Tomislav; Sedak, Marija. Biokemijske funkcije i toksičnost mangana te njegove koncentracije u tkivima morskih sisavaca. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017), 6; 439-449	-	IK
32.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 9-10; 467-474	-	KI, IK
33.	Lučić Blagojević, Sanja; Zeljko, Martina; Kraljić Roković, Marijana. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: II. Mehanička svojstva, električna provodnost i toplinska postojanost. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 5-6; 241-248	-	KI
34.	Lučić Blagojević, Sanja; Zeljko, Martina; Pustak, Anđela. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: I. Morfologija i toplinska svojstva. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 3-4; 119-128	-	KI
35.	Maduna, Karolina; Zrnčević, Stanka. Katalitička obrada fenolnih otpadnih voda. // <i>Hrvatske vode : časopis za vodno gospodarstvo</i> . <b>25</b> (2017), 101; 149-158	-	KI
36.	Moulisová, Vladimíra; Poveda-Reyes, Sara; Sanmartín-Masiá, Esther; Quintanilla-Sierra, Luis; Salmerón-Sánchez, Manuel; Gallego Ferrer, Gloria. Hybrid protein-glycosaminoglycan hydrogels promote chondrogenic stem cell differentiation. // <i>ACS Omega</i> . <b>2</b> (2017), 2; 7609-7620	-	IK
37.	Tanković, Sanin; Jelušić, Vedarana; Bilandžić, Nina; Čalopek, Bruno; Sedak, Marija, Ferizbegović, Jasmin. Koncentracije teških metala i elemenata u različitim vrstama meda iz Bosne i Hercegovine. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017), 1; 1-12	-	IK
38.	Varenina, Ivana; Bilandžić, Nina; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varga, Ines; Kos, Blaženka; Beck, Relja. Zaostajanje kokcidiostatika u hrani kao posljedica prevencije i liječenja zaraze peradi <i>Eimeria</i> sp.. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017), 6; 451-463	-	IK



**Tablica 5.2.** Izvori financiranja znanstvenih projekata (sredstva naplaćena tijekom kalendarske 2017.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
<b>DOMAĆI</b>										
2014.	Sinteza i citostatska ispitivanja biblioteke novih dušikovih heterocikla 2014. – 2018. (Silvana Raić-Malić)	48		225.184,00 (HRZZ)						225.184,00
2014.	Environmental implications of the application of nanomaterials in water purification technologies 2014 – 2017. (Hrvoje Kušić)	36		19.302,90 (HRZZ)						19.302,90
2014.	Development of photocatalytic polymer nanocomposites for wastewater treatment 2014. – 2018. (Zlata Hrnjak-Murčić)	48		409.084,78 (HRZZ)						409.084,78
2014.	High power-high energy electrochemical supercapacitor for hybrid electrical vehicles 2014. – 2018. (Zoran Mandić)	48		248.298,69 (HRZZ)						248.298,69
2015.	Modeliranje okolišnih aspekata napredne obrade voda za razgradnju prioriternih onečišćivala 2015. – 2019. (Tomislav Bolanča)	48		409.429,99 (HRZZ)						72.626,67
2015.	Razvoj materijala za 3D tiskanje mikroreaktora 2015. – 2018. (Domagoj Vrsaljko)	36		159.121,25 (HRZZ)						159.121,25
2015.	Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode 2015. – 2019. (Sandra Babić)	48		239.903,34 (HRZZ)						239.903,34
2017.	Izravna uporaba komunalne otpadne vode za navodnjavanje membranskim tehnologijama 2017.-2019. (Davor Dolar)	24		447.872,61						447.872,61
2017.	Razvoj biokompatibilnih materijala na temelju hidroksiapatita za primjene u inženjerstvu 2017.-2021.(Hrvoje Ivanković)	48		250.000,00						250.000,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017.	Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela 2017.-2021. (Bruno Zelić)	48		224.150,00						224.150,00
	<b>Ukupno</b>									2.295.540,25

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
<b>MEĐUNARODNI</b>										
2015.	Sustainable industrial processes based on a C-C bond forming enzyme platform – CARBAZYMES (action) 2015. – 2019. (Zvezdana Findrik Blažević)					968.950,00				968.950,00
2017.	Novel catalysts for solar driven water treatment quantum-chemical and experimental approach 2017.-2019.(Hrvoje Kušić)	24	18.967,00							18.967,00
2016.	Utjecaj heteroatoma na učinkovitost smanjenja korozije bakra na morskom okolišu 2016. – 2017. (Helena Otmačić Čurković)	24	7.529,00							
2017.	Primjena plazma tehnologija za razvoj polimernih materijala za katalitičke mikroreatore 2017.-2019. (Domagoj Vrsaljko)	24	18.874,00							18.874,00
2016.	Polimerne mješavine i polimerni kompoziti za biomedicinske primjene 2016.-2017. (Marica Ivanković)	24	7.529,00							
2016.	Superkondenzatori visoke snage temeljeni na grafen/pseudokapacitivnim materijalima 2016.-2017. (Marijana Kraljić Roković)	24	11.250,00 bilateralni (Srbija)							11.340,00
	<b>Ukupno</b>									<b>1.018.131,00</b>

**Tablica 5.3.** Izvori financiranja stručnih projekata (sredstva naplaćena tijekom kalendarske 2017.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017.	IGH Institut građevinarstva Hrvatske d.o.o., Analiza uzoraka, (Gordana matijašić)	1				480,00			480,00
2017.	Centar za sigurnost-Ispitivanje kemijskih štetnosti –aerozagađenje u tvrtkama Pliva d.o.o. i Elka d.o.o.,(Vilko Mandić)	1				1.570,00			1.570,00
2017.	Telegra d.o.o.Ispitivanje postojanosti plastičnih uzoraka na UV zračenje (Zlata Hrnjak Murgić)	1				3.530,00			3.530,00
2017.	Croatia airlines –Analiza uzoraka, (Gordana Matijašić)	1				7.000,00			7.000,00
2017..	Slovenska akreditacija Usluge akreditacije (Sanja Martinez)	1				6.376,47			6.376,47
2016.	Rotoplast,Betonprodukt, KTF,Biokristal,HEP, LMB kotl. inž., TPK NOVA, ZGB beton, Multimon Hrvatska-Analiza uzoraka, (Aleksandra Sander)	48				2.493,60			2.493,00
2017.	Zagrebmontaža d.o.o., Uzorkovanje i izrada kemijskih analiza demineralizirane vode u postrojenju KPv u Pogonu TE-TO Zagreb., (Marinko Markić)	12				10.492,00			10.492,00
2017.	BBR Adria-Ispitivanje elektrokemijskoh svojstava elektroda (Martinez)	1				7.500,00			7.500,00
2017.	Technische universitet Darmstadt-COST Action CM 1303, održavanje web stranice Biocatalysis (Bruno Zelić)	1				3.695,00			3.695,00
2017.	Metalurški fakultet Sisak, XRD analiza uzoraka, obrada i interpretacija, (Stanislav Kurajica)	1	6.400,00						6.400,00
2017.	Fakultet strojarstva i brodogradnje-Analiza uzoraka, (Sanja Martinez)	12	8.290,00						8.290,00
2017.	Orso d.o.o., FTIR I XRD analiza ORSOFIX V GLAS emulzije, (Stanislav Kurajica)	1				6.750,00			6.750,00
2017.	Pliva d.o.o., Analiza uzoraka, (Aleksandra Sander)	24				33.325,00			33.325,00
2016.	HONING d.o.o.-Analiza uzoraka, (Jelena Macan)	1				200,00			200,00
2017.	Dalekovod d.o.o., Analiza uzoraka, (Sanja martinez)	1				2.500,00			2.500,00
2017.	Xellia d.o.o.Analiza uzoraka (Stanislav Kurajica)	6				16.640,00			16.640,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017.	Građevinski fakultet, Zagreb-Analiza uzoraka, (Stanislav Kurajica)	1	1.200,00						1.200,00
2017.	Univerzitet u Tuzli, TFT, predavanje-(Sanja Martinez)	1				900,00			900,00
2017.	Don-Plast s.z.r. Analiza uzoraka (Zlata hrnjak Murgić)	1				1.894,59			1.894,59
2017.	3M d.o.o.- Uhodavanje u rad Postrojenja za preradu vode vodocrpilišta u Pisarovini, (Marinko markić)	4				19.000,00			19.000,00
2017.	Muraplast d.o.o.- Izrada zahtjeva za ocjenu o potrebi procjene utjecaja zahvata na okoliš, (Bruno Zelić)	2				17.500,00			17.500,00
2017.	Pliva d.o.o. Analiza uzoraka, (Dajana Milovac)	1				14.400,00			14.400,00
2017.	Croatia osiguranje-Analiza uzoraka, (Zlata Hrnjak Murgić)	1				11.550,00			11.550,00
2017.	Elka d.o.o., Određivanje utj.površinske točkaste mrlje na sastav i svojstva polietilenske ovojnice električnog kabela (Ante Jukić)	1				12.560,00			12.560,00
2017.	Pliva d.o.o., Analiza uzoraka, (Gordana Matijašić)	1				3.600,00			3.600,00
2017.	HEPLASTPIPE-Analiza uzoraka, (Emi Govorčin Bajsić)	1				3.000,00			3.000,00
2017.	Pliva d.o.o.- Izrada elaborata (Marija Vuković Domanovac)	6				60.000,00			60.000,00
2017.	Hrvatske autoceste d.o.o. Izrada stručnog mišljenja, (Sanja Martinez)	1				8.050,00			8.050,00
2017.	PiControl Solutions-Analiza,dijagnostika i optimiranje regulacijskih krugova, (Nenad Bolf)	1				108.688,42			108.688,42
2017.	Pliva d.o.o. Razvoj sintetskog puta molekule cis-NRT, (Irena Škorić)	6				141.000,00			141.000,00
2017.	Končar institut za elektrotehniku-Analiza uzoraka (Marija Vuković Domanovac)	1				13.000,00			13.000,00
2017.	Končar institut za elektrotehniku-Analiza uzoraka (Marija Vuković Domanovac)	1				15.600,00			15.600,00
2017.	Končar Institut za elektrotehniku-Analiza uzoraka, (Domagoj Vrsaljko)	6				31.200,00	6.875,00		31.200,00
2017.	Inenco d.o.o. Usluga projektiranja i programiranja i konfiguracije regulatora za industrijski sustav za rehumidifikaciju (Nenad Bolf)	9				93.393,30			93.393,30



God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017.	Bio Verdura, Analiza uzoraka, (Gordana Matijašić)	1				400,00			400,00
2017.	Pliva d.o.o.Proračun procesa regeneracije destilacijom i karakterizacija uzoraka prije regeneracije (Igor Dejanović)	2				48.019,28			48.019,28
2017.	Kemika –Usluga tabletiranja kompleksin smjese (Gordana Matijašić)	1				5.668,80			5.668,80
2017.	Pliva d.o.o. Izrada studije „Osmoljavanje isparivača pri regeneraciji acetona u VNS (Igor Dejanović)	8				30.000,00			30.000,00
2017.	Kaspar papir d.o.o.-Analiza uzoraka (Domagoj Vrsaljko)	1				1.000,00			1.000,00
2017.	Drvoplast d.o.o.-Analiza uzoraka, (Mirela Leskovac)	1				4.400,00			4.400,00
2017.	Mineral promet d.o.o., Analiza uzoraka, (Gordana Matijašić)	1				1.800,00			1.800,00
2017.	Adria beton d.o.o. Izrada studije (Bruno Zelić)	12				10.500,00			10.500,00
2017.	Metis d.o.o. Analiza uzoraka, (Zlata Hrnjak Murgić)	1				6.400,00			6.400,00
2017.	JANAF d.o.o. Usluga mjerenja i praćenja parametara korozivnosti i brzine korozije u vremenu i karakt. sirove nafte u spremnicima sirove nafte (Sanja Martinez)	12				77.500,00			77.500,00
2017.	Drvoplast d.o.o. Analiza uzoraka, (Emi Govorčin Bajsic)	1				2.000,00			2.000,00
2017.	Pliva d.o.o., Izrada elaborata-Ispitivanja organske sinteze (B. Zelić)	12				10.000,00			10.000,00
2017.	Končar institut, Analiza uzoraka, (Marija Vuković Domanovac)	1				16.900,00			16.900,00
2017.	INA MAZIVA d.o.o., -Laboratorijske i stručne usluge, (Ante Jukić)	1				32.700,00			32.700,00
2017.	Končar institut-Analiza uzoraka, (Marija Vuković Domanovac)	1				9.100,00			9.100,00
2017.	Pliva d.o.o., Stručne usluge, (Mirela leskovac)	1				2.000,00			2.000,00
2017..	Novum Spero 2017.- Sinteza ciljanog spoja (Tomislav Bolanča,Bruno Zelić,Marinko Markić)	1				20.000,00			20.000,00
2017.	Energetski institut „Hrvoje Požar“-Izrada stručnog mišljenja, (Stanislav Kurajica)	1				4.500,00			4.500,00
2017.	Komunalac d.o.o., Ispitivanja kemijskog, biokemijskog i hidrauličkog opterećenja otpadnih voda grada Slunja (Marinko Markić)	4				29.800,00			29.800,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017.	Aurora d.o.o.- Analiza uzoraka – (Zlata Hrnjak Murgić)	1				2.975,00			2.975,00
2017.	Muraplast d.o.o. – Izrada studije o utjecaja na okoliš, (Bruno Zelić)	12				25.000,00			25.000,00
2017.	Građevinski fakultet-Zagreb-Analiza uzoraka, (Gordana Matijašić)	1				5.760,00			5.760,00
2017.	Hrvatska agencija za okoliš -Usluga edukacije o rafinerijskim procesima kroz pravila EU ETS-a, br. 427-10-08-17-185701, (Ante Jukić)	9				77.420,00			77.420,00
2017.	Selk d.o.o. Izrada stručnog mišljenja, (Sanja Martinez)	2				65.000,00			65.000,00
2017.	Končar institut, Analiza uzoraka, (Marija Vuković Domanovac)	1				5.850,00			5.850,00
2017.	Vodovod Pula d.o.o.- Izrada Elaborata o stanju postojećih sustava katodne zaštite, s prijedlogom za njegovu obnovu, (Sanja Martinez)	4				25.000,00			25.000,00
2017.	Slovenska akreditacija-Usluge akreditacije, (Ante Jukić)	1				18.928,13			18.928,13
2016.	HAMAG-BICRO, Modularni uređaj za obradu otpadnih voda – PoC6_1_194 2016.-2017., (Ana Lončarić Božić)	12							
2015.	TARGET – Uspostava visokoobrazovnih standarda kvalifikacija i zanimanja u sektoru rudarstva, geologije i kemijske industrije, (Irena Škorić)	13	118.433,42						118.433,42
									1.330.832,41

**Tablica 5.3.b** Skupovi (sredstva naplaćena tijekom kalendarske 2017.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017.	Škola kromatografije 2017., FKIT, (Tomislav Bolanča)	1				11.000,00			11.000,00
2017.	INA d.d., -Održavanje seminara AVP 1, (Nenad Bolf)	1				43.998,00			43.998,00
2017.	HOSPIRA d.o.o. Održavanje seminara AVP-1/3F, (Nenad Bolf)	1				15.750,00			15.750,00
2017.	INA d.d.. Održavanje seminara AVP 2R	1				49.998,00			49.998,00
2017.	Sveučilište J.J.Strossmayera, Edukacija: Elektrokemijska karakterizacija nanomaterijala – training (Sanja Martinez)	1				4.500,00			4.500,00
2017.	BINA Istra, Edukacija "Tečaj iz katodne zaštite (KZ) - Teorijske osnove i mjerna praksa"(Sanja Martinez)	1				12.500,00			12.500,00
2017.	Dalekovod d.o.o. Tečaj Tečaj, - zaštita od korozije (Sanja Martinez)	1				12.000,00			12.000,00
									<b>149.746,00</b>

**Tablica 5.4.** Popis znanstvenih i razvojnih projekata

a) Popis aktivnih znanstvenih i razvojnih projekata iz drugih nacionalnih izvora (UKF, HRZZ, ostale državne institucije ili domaće gospodarstvo) s imenima voditelja	
1.	Sinteza i citostatska ispitivanja biblioteke novih dušikovih heterocikla 2014. – 2018. (Silvana Raić-Malić)
2.	Environmental implications of the application of nanomaterials in water purification technologies 2014 – 2017. (Hrvoje Kušić)
3.	Development of photocatalytic polymer nanocomposites for wastewater treatment 2014. – 2018. (Zlata Hrnjak-Murgić)
4.	High power-high energy electrochemical supercapacitor for hybrid electrical vehicles 2014. – 2018. (Zoran Mandić)
5.	Modeliranje okolišnih aspekata napredne obrade voda za razgradnju prioritetnih onečišćivala 2015. – 2019. (Tomislav Bolanča)
6.	Razvoj materijala za 3D tiskanje mikroreaktora 2015. – 2018. (Domagoj Vrsaljko)
7.	Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode 2015. – 2019. (Sandra Babić)
8.	Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela 2017.-2021. (Bruno Zelić)
9.	Razvoj biokompatibilnih materijala na temelju hidroksiapatita za primjene u inženjerstvu koštanog tkiva 2017.-2021. (Hrvoje Ivanković)

b) Popis aktivnih znanstvenih i razvojnih projekata iz međunarodnih izvora s imenima voditelja	
1.	Sustainable industrial processes based on a C-C bond forming enzyme platform – CARBAZYMES (action) 2015. – 2019. (Zvezdana Findrik Blažević)
2.	Utjecaj heteroatoma na učinkovitost smanjenja korozije bakra na morskom okolišu 2016. – 2017. (Helena Otmačić Čurković)
3.	Polimerne mješavine i polimerni kompoziti za biomedicinske primjene 2016.-2017. (Marica Ivanković)
4.	Superkondenzatori visoke snage temeljeni na grafen/pseudokapacitivnim materijalima 2016.-2017. (Marijana Kraljić Roković)
5.	Novi katalizatori za obradu voda djelovanjem Sunčeva zračenja; kvantno-kemijski i eksperimentalni pristup 2017.-2018. (Hrvoje Kušić)
6.	Primjena plazma tehnologija za razvoj polimernih materijala za katalitičke mikroreaktore 2017.-2018. (Domagoj Vrsaljko)

**Tablica 5.5.** Bibliografija (u posljednjih 5 godina)

Vrsta radova*	Ukupan broj radova	Broj radova koji su proizašli iz suradnje s drugim visokim učilištima i znanstvenim organizacijama	Omjer: broj radova/broj nastavnika
<b>Znanstveni radovi u časopisima koji su zastupljeni u bazi CC, WoS (SSCI, SCI-expanded i A&amp;HCI) te Scopusu</b>	WoS: 378	WoS: 277	378/61=6,20
	Scopus bez WoS: 25	Scopus bez WoS: 10	25/61=0,41
<b>Ostali recenzirani radovi zastupljeni u bazama koje se priznaju za izbore u znanstvena zvanja</b>	-	-	-
<b>Autorstvo inozemno izdanih knjiga</b>	2	1	
<b>Autorstvo domaćih knjiga</b>	5	0	
<b>Radovi u domaćim časopisima s međunarodnom recenzijom</b>	CROSBI kategorija ZRDČ: 68*	CROSBI kategorija ZRDČ: 42*	68/61=1,12
Recenzirani radovi u zbornicima inozemnih i međunarodnih znanstvenih skupova***			
<b>Radovi u domaćim časopisima s domaćom recenzijom</b>	**	**	
Stručni radovi			
<b>Poglavlja u recenziranim knjigama</b>	25	10	25/61=0,41
Recenzirani radovi u zbornicima domaćih znanstvenih skupova***			
Uredništva inozemnih knjiga***			
Uredništva domaćih knjiga***			
Broj radova u časopisima vaše institucije			

\* Donekle se preklapa s kategorijom Scopus bez WoS, a uključuje i kategoriju Radovi u domaćim časopisima s domaćom recenzijom  
 \*\* Vidi \*

**Tablica 5.5.1.** Popis radova nastavnika u bazi podataka WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 5.5.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	Suradnja s drugim visokim učilištima i znanstvenim organizacijama
1.	Babić, Sandra; Periša, Martina; Škorić, Irena. Photolytic degradation of norfloxacin, enrofloxacin and ciprofloxacin in various aqueous media. // <i>Chemosphere</i> . <b>91</b> (2013); 11; 1635-1642	3,499 (2013.)	NE
2.	Bistričić, Lahorija; Borjanović, Vesna; Mikac, Lara; Dananić, Vladimir. Vibrational spectroscopic study of poly(dimethylsiloxane)-ZnO nanocomposites. // <i>Vibrational spectroscopy</i> . <b>68</b> (2013); 1-10	1,547 (2013.)	DA
3.	Buhin, Zrinka; Lučić Blagojević, Sanja; Leskovac Mirela. In situ emulsion polymerization and characterization of poly(butyl acrylate-co-methyl methacrylate)/silica nanosystems. // <i>Polymer engineering &amp; science</i> . <b>53</b> (2013); 11; 2292-2298	1,441 (2013.)	NE
4.	Carlotti, Benedetta; Kikaš, Ilijana; Škorić, Irena; Spalletti, Anna; Elisei, Fausto. Photophysics of push-pull distyryl furan, thiophene and pyridine by fast and ultrafast techniques. // <i>ChemPhysChem</i> . <b>14</b> (2013); 5; 970-981	3,360 (2013.)	DA
5.	Ćosić, Ivana; Vuković, Marija; Gomzi, Zoran; Briški, Felicita. Modelling of kinetics of microbial degradation of simulated leachate from tobacco dust waste. // <i>Chemical papers</i> . <b>67</b> (2013); 9; 1138-1145	1,193 (2013.)	NE
6.	Čurković, Lidija; Otmačić Čurković, Helena; Salopek, Sara; Majić Renjo, Marijana; Šegota, Suzana. Enhancement of corrosion protection of AISI 304 stainless steel by nanostructured sol-gel TiO <sub>2</sub> films. // <i>Corrosion science</i> . <b>77</b> (2013); 176-184	3,686 (2013.)	DA

7.	Dimitrov, Nino; Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Hrnjak-Murgić, Zlata. Analysis of recycled PET bottles products by pyrolysis-gas chromatography. // <i>Polymer degradation and stability</i> . <b>98</b> (2013); 5; 972-979	2,633 (2013.)	DA
8.	Dolar, Davor; Košutić, Krešimir; Ašperger, Danijela. Influence of adsorption of pharmaceuticals onto RO/NF membranes on their removal from water. // <i>Water, air and soil pollution</i> . <b>224</b> (2013); 1; 1377-1-1377-13	1,685 (2013.)	NE
9.	Dolar, Davor; Košutić, Krešimir; Ašperger, Danijela; Babić, Sandra. Removal of glucocorticosteroids and anesthetics from water with RO/NF membrane. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1-6	0,911 (2013.)	NE
10.	Dolar, Davor; Periša, Martina; Košutić, Krešimir; Babić, Sandra. NF/RO removal of enrofloxacin and its photodegradation products from water. // <i>Desalination and water treatment</i> . <b>51</b> (2013); 1/3; 469-475	0,987 (2013.)	NE
11.	Dolar, Davor; Košutić, Krešimir; Periša, Martina; Babić, Sandra. Photolysis of enrofloxacin and removal of its photodegradation products from water by reverse osmosis and nanofiltration membranes. // <i>Separation and purification technology</i> . <b>115</b> (2013); 1-8	3,065 (2013.)	NE
12.	Dolar, Davor; Košutić, Krešimir; Ignjatić Zokić, Tatjana; Sipos, Laszlo; Markić, Marinko; Župan, Mario. Combined methods of highly polluted industrial wastewater treatment - a case study of high recovery. // <i>Polish journal of environmental studies</i> . <b>22</b> (2013); 6; 1677-1683	0,600 (2013.)	NE
13.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir; Mutavdžić Pavlović, Dragana. Coating layer effect on performance of thin film nanofiltration membrane in removal of organic solutes. // <i>Separation and purification technology</i> . <b>118</b> (2013); 530-539	3,065 (2013.)	NE
14.	Franković Mihelj, Nirvana; Ukrainczyk, Neven; Leaković, Stjepan; Šipušić, Juraj. Waste phosphogypsum – toward sustainable reuse in calcium sulfoaluminate cement based building materials. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 2; 219-226	0,911 (2013.)	DA
15.	Gabrić, Beata; Sander, Aleksandra; Cvjetko Bubalo, Marina; Macut, Dejan. Extraction of S- and N-compounds from the mixture of hydrocarbons by ionic liquids as selective solvents. // <i>The scientific world journal</i> . <b>2013</b> (2013); Article Number: 512953; 1-11	1,219 (2013.)	DA
16.	Gilbert, Marianne; Ho, Kok Chin; Hitt, David J.; Vrsaljko, Domagoj. Assessment of PVC stabilisation using hydrotalcites – Raman spectroscopy and other techniques. // <i>Polymer degradation and stability</i> . <b>98</b> (2013); 8; 1537-1547	2,633 (2013.)	DA
17.	Glasnović, Zvonimir; Margeta, Karmen; Omerbegović, Višnja. Artificial water inflow created by solar energy for continuous green energy production. // <i>Water resources management</i> . <b>27</b> (2013); 7; 2303-2323	2,463 (2013.)	DA
18.	Govorčin Bajsić, Emi; Rek, Vesna; Ormuž Pavić, Bojana. The influence of talc content on the thermal and mechanical properties of polyurethane/polypropylene blends. // <i>Journal of elastomers and plastics</i> . <b>45</b> (2013); 6; 501-522	0,714 (2013.)	DA
19.	Grčić, Ivana; Vujević, Dinko; Žižek, Krunoslav; Koprivanac, Natalija. Treatment of organic pollutants in water using TiO <sub>2</sub> powders: photocatalysis vs. sonocatalysis. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>109</b> (2013); 2; 335-354	0,983 (2013.)	DA
20.	Grdiša, Martina; Babić, Sandra; Periša, Martina; Carović-Stanko, Klaudija; Kolak, Ivan; Liber, Zlatko; Jug-Dujaković, Marija; Šatović, Zlatko. Chemical diversity of the natural populations of Dalmatian pyrethrum ( <i>Tanacetum cinerariifolium</i> /Trevir. /Sch. Bip.) in Croatia. // <i>Chemistry &amp; biodiversity</i> . <b>10</b> (2013); 3; 460-472	1,795 (2013.)	DA
21.	Halvorsen, Ivar J.; Dejanović, Igor; Skogestad, Sigurd; Olujić, Žarko. Internal configurations for a multi-product dividing wall column. // <i>Chemical engineering research &amp; design</i> . <b>91</b> (2013); 10; 1954-1965	2,281 (2013.)	DA
22.	Hranjec, Marijana; Sović, Irena; Ratkaj, Ivana; Pavlović, Gordana; Ilić, Nataša; Valjalo, Linda; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Antiproliferative potency of novel benzofuran-2-carboxamides on tumor cell lines : cell death mechanisms and determination of crystal structure. // <i>European journal of medicinal chemistry</i> . <b>59</b> (2013); 111-119	3,432 (2013.)	DA

23.	Hublin, Andrea; Zelić, Bruno. Modelling of the whey and cow manure co-digestion process. // <i>Waste management &amp; research</i> . <b>31</b> (2013); 4; 353-360	1,114 (2013.)	DA
24.	Huskić, Miroslav; Žigon, Majda; Ivanković, Marica. Comparison of the properties of clay polymer nanocomposites prepared by montmorillonites modified by silane and by quaternary ammonium salts. // <i>Applied clay science</i> . <b>85</b> (2013); 109-115	2,703 (2013.)	DA
25.	Ivešić, Martina; Babić, Sandra; Krivohlavek, Adela; Šmit, Zdenko. Determination of cyanuric acid in whey powder using HILIC-MS/MS. // <i>Analytical methods</i> . <b>5</b> (2013); 5188-5194	1,938 (2013.)	DA
26.	Jović, Franjo; Tomašić, Vesna; Davidson, A.; Nogier, J.P.; Li, W.; Kosar, Vanja. Photocatalytic treatment of air: how to deal with the problem of TiO <sub>2</sub> deactivation. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 37-42	0,911 (2013.)	DA
27.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Environmental aspects of photooxidative treatment of phenolic compounds. // <i>Journal of hazardous materials</i> . <b>262</b> (2013); 377-386	4,331 (2013.)	DA
28.	Juretić, Daria; Kušić, Hrvoje; Papić, Ana; Šmidt, Marina; Ježovita, Oskar; Peternel, Igor; Lončarić Božić, Ana. Modeling of photodegradation kinetics of aromatic pollutants in water matrix. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>271</b> (2013); 65-76	2,291 (2013.)	NE
29.	Jurinjak Tušek, Ana; Tišma, Marina; Bregović, Valentina; Ptičar, Ana; Kurtanjek, Želimir; Zelić, Bruno. Enhancement of phenolic compounds oxidation using laccase from <i>Trametes versicolor</i> in a microreactor. // <i>Biotechnology and bioprocess engineering</i> . <b>18</b> (2013); 4; 686-696	1,220 (2013.)	DA
30.	Karažija, Tomislav; Vidović, Elvira; Jukić, Ante. Thermal properties and side chain crystallinity of styrene and n-alkyl methacrylate terpolymers. // <i>Polymer engineering and science</i> . <b>53</b> (2013); 11; 2299-2307	1,441 (2013.)	NE
31.	Kassal, Petar; Murković Steinberg, Ivana; Steinberg, Matthew D. Wireless smart tag with potentiometric input for ultra low-power chemical sensing. // <i>Sensors and actuators. B, Chemical</i> . <b>184</b> (2013); 254-259	3,840 (2013.)	DA
32.	Kikaš, Ilijana; Horváth, Ottó; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of furan and benzofuran derivatives. // <i>Journal of molecular structure</i> . <b>1034</b> (2013); 62-68	1,599 (2013.)	DA
33.	Kopčić, Nina; Vuković Domanovac, Marija; Đaković, Zorislav; Briški, Felicita. Composting of tobacco dust in different types of reactors. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 57-64	0,911 (2013.)	DA
34.	Korunda, Silvija; Krištafor, Svjetlana; Cetina, Mario; Raić-Malić, Silvana. Conjugates of 1, 2, 3-triazoles and acyclic pyrimidine nucleoside analogues: Syntheses and X-ray crystallographic studies. // <i>Current organic chemistry</i> . <b>17</b> (2013); 10; 1114-1124	2,537 (2013.)	DA
35.	Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Dukić, Maja; Hrnjak-Murgić, Zlata. Cleaning efficiency of poly(ethylene terephthalate) washing procedure in recycling process. // <i>Journal of elastomers and plastics</i> . <b>45</b> (2013); 5; 429-444	0,714 (2013.)	NE
36.	Krehula, Stjepko; Kratofil Krehula, Ljerka; Musić, Svetozar. Synthesis and microstructural properties of $\alpha$ -Fe <sub>1-x</sub> Ga <sub>x</sub> OOH solid solutions. // <i>Journal of alloys and compounds</i> . <b>581</b> (2013); 335-343	2,726 (2013.)	DA
37.	Kučić, Dajana; Čosić, Ivana; Vuković Domanovac, Marija; Briški, Felicita. Sorption kinetic studies of ammonium from aqueous solution on different inorganic and organic media. // <i>Acta chimica Slovenica</i> . <b>60</b> (2013); 1; 109-119	0,810 (2013.)	NE
38.	Kurajica, Stanislav; Čurković, Lidija; Tkalčec, Emilija; Mandić, Vilko. Acid corrosion behavior of sol-gel-prepared mullite ceramics with and without addition of Lanthanum. // <i>Journal of the American ceramic society</i> . <b>96</b> (2013); 3; 923-927	2,428 (2013.)	DA
39.	Kušić, Hrvoje; Koprivanac, Natalija; Lončarić Božić, Ana. Environmental aspects on the photodegradation of reactive triazine dyes in aqueous media. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>252</b> (2013); 131-144	2,291 (2013.)	NE
40.	Linarić, Martina; Markić, Marinko; Sipos, Laszlo. High salinity wastewater treatment. // <i>Water science &amp; technology</i> . <b>68</b> (2013); 6; 1400-1405	1,212 (2013.)	NE

41.	Lučić Blagojević, Sanja; Buhin, Zrinka; Igrec, Ivona. Influence of silica nanofiller on the isothermal crystallization and melting of polyurethane elastomer. // <i>Journal of applied polymer science</i> . <b>129</b> (2013); 3; 1466-1475	1,640 (2013.)	DA
42.	Mandić, Vilko; Očko, Tanja; Matijašić, Gordana; Kurajica, Stanislav. Sol-gel derived mixed metal oxide sorbents for high temperature gas desulfurization. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 43-49	0,911 (2013.)	NE
43.	Marušić, Katarina; Otmačić Ćurković, Helena; Takenouti, Hisasi. Corrosion inhibition of bronze and its patina exposed to acid rain. // <i>Journal of the electrochemical society</i> . <b>160</b> (2013); 8; C356-C363	2,859 (2013.)	DA
44.	Meščić, Andrijana; Betzel, Thomas; Müller, Roger; Slavik, Roger; Čermak, Stjepko; Raić-Malić, Silvana; Ametamey M., Simon. Synthesis and biological evaluation of a new acyclic pyrimidine derivative as a probe for imaging herpes simplex virus type 1 thymidine kinase gene expression. // <i>Molecules</i> . <b>18</b> (2013); 8535-8549	2,095 (2013.)	DA
45.	Meščić, Andrijana; Glavač, Danijel; Osmanović, Amar; Završnik, Davorka; Cetina, Mario; Makuc, Damjan; Plavec, Janez; Ametamey, M. Simon; Raić-Malić, Silvana. N-alkylated and O-alkylated regioisomers of 5-(hydroxyalkyl)pyrimidines: Synthesis and structural study. // <i>Journal of molecular structure</i> . <b>1039</b> (2013); 160-166	1,599 (2013.)	DA
46.	Meščić, Andrijana; Krištafor, Svjetlana; Novaković, Ivana; Osmanović, Amar; Müller, Ursina; Završnik, Davorka; Ametamey, Simon M.; Scapozza, Leonardo; Raić-Malić, Silvana. C-5 hydroxyethyl and hydroxypropyl acyclonucleosides as substrates for thymidine kinase of herpes simplex virus type 1 (HSV-1 TK): Syntheses and biological evaluations. // <i>Molecules</i> . <b>18</b> (2013); 5; 5104-5124	2,095 (2013.)	DA
47.	Mohaček Grošev, Vlasta; Furić, Krešimir; Ivanković, Hrvoje. Observed bands in Raman and infrared spectra of 1, 3- dioxolane and their assignments. // <i>Vibrational spectroscopy</i> . <b>64</b> (2013); 101-107	1,547 (2013.)	DA
48.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad; Galinec, Goran. Distillation end point estimation in the diesel fuel production. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 2; 125-132	0,911 (2013.)	NE
49.	Mudronja, Domagoj; Vanmeert, Frederik; Hellemans, Kevin; Fazinić, Stjepko; Janssens, Koen; Tibljaš, Darko; Rogošić, Marko; Jakovljević, Suzana. Efficiency of applying ammonium oxalate for protection of monumental limestone by poultice, immersion and brushing methods. // <i>Applied physics. A, Materials science &amp; processing</i> . <b>111</b> (2013); 1; 109-119	1,694 (2013.)	DA
50.	Mutavdžić Pavlović, Dragana; Ašperger, Danijela; Tolić, Dijana; Babić, Sandra. Development and optimization studies for determination of pharmaceuticals in water samples by SPE and HPLC with diode-array detection. // <i>Journal of separation science</i> . <b>36</b> (2013); 3042-3049	2,594 (2013.)	NE
51.	Nestić, Marina; Babić, Sandra; Mutavdžić Pavlović, Dragana; Sutlović, Davorka. Molecularly imprinted solid phase extraction for simultaneous determination of $\Delta^9$ - tetrahydrocannabinol and its main metabolites by gas chromatography-mass spectrometry in urine samples. // <i>Forensic science international</i> . <b>231</b> (2013); 1/3; 317-324	2,115 (2013.)	DA
52.	Novak, Mirjana; Mohler, Ivan; Golob, Marjan; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of kerosene cold filter plugging point using soft sensors. // <i>Fuel processing technology</i> . <b>113</b> (2013); 8-19	3,019 (2013.)	DA
53.	Novell, Marta; Guinovart, Tomas; Murković Steinberg, Ivana; Steinberg, Matthew; Rius, F. Xavier; Andrade, Francisco J. A novel miniaturized radiofrequency potentiometer tag using ion-selective electrodes for wireless ion sensing. // <i>Analyst</i> . <b>138</b> (2013); 5250-5257	3,906 (2013.)	DA
54.	Peček, Gorana; Mutavdžić Pavlović, Dragana; Babić, Sandra. Development and validation of a SPE-GC-MS method for the determination of pesticide in surface water. // <i>International journal of environmental analytical chemistry</i> . <b>93</b> (2013); 12; 1311-1328	1,321 (2013.)	DA
55.	Penović, Tomislav; Sander, Aleksandra; Grozdanić, Vedrana. Spray drying of aqueous solutions of inorganic and organic materials. // <i>Particulate science and technology</i> . <b>31</b> (2013); 5; 458-465	0,482 (2013.)	DA



56.	Perin, Nataša; Martin Kleiner, Irena; Nhili, Raja; Laine, William; David-Cordonnier, Marie-Hélène; Vugrek, Oliver; Karminski-Zamola, Grace; Kralj, Marijeta; Hranjec, Marijana. Biological activity and DNA binding studies of 2-substituted benzimidazo[1, 2-a]quinolines bearing different amino side chains. // <i>Medicinal chemistry communications</i> . <b>4</b> (2013); 1537-1550	2,626 (2013.)	DA
57.	Periša, Martina; Babić, Sandra; Škorić, Irena; Frömel, Tobias; Knepper, Thomas P. Photodegradation of sulfonamides and their N4- acetylated metabolites in water by simulated sunlight irradiation: Kinetics and identification of photoproducts. // <i>Environmental science and pollution research international</i> . <b>20</b> (2013); 12; 8934-8946	2,757 (2013.)	DA
58.	Peternel, Igor; Kušić, Hrvoje; Marin, Vedrana; Koprivanac, Natalija. UV-assisted persulfate oxidation: the influence of cation type in persulfate salt on the degradation kinetic of azo dye pollutant. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>108</b> (2013); 1; 17-39	0,983 (2013.)	DA
59.	Prlič Kardum, Jasna; Hrkovac, Martina; Leskovic, Mirela. Adjustment of process conditions in seeded batch cooling crystallization. // <i>Chemical engineering &amp; technology</i> . <b>36</b> (2013); 8; 1347-1354	2,175 (2013.)	NE
60.	Ptiček Siročić, Anita; Fijačko, Andrija; Hrnjak-Murčić, Zlata. Chemical recycling of postconsumer poly(ethylene-terephthalate) bottles-depolymerization study. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 65-71	0,911 (2013.)	NE
61.	Ptiček Siročić, Anita; Hrnjak-Murčić, Zlata; Jelenčić, Jasenka. Evaluation of compatibility in SAN/EPDM blends by determination of the adhesion parameters. // <i>Journal of adhesion science and technology</i> . <b>27</b> (2013); 15; 1652-1665	1,153 (2013.)	NE
62.	Ptiček Siročić, Anita; Hrnjak-Murčić, Zlata; Jelenčić, Jasenka. The surface energy as an indicator of miscibility of SAN/EPDM polymer blends. // <i>Journal of adhesion science and technology</i> . <b>27</b> (2013); 24; 2615-2628	1,153 (2013.)	NE
63.	Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje. Preparation and characterization of nano-hydroxyapatite within chitosan matrix. // <i>Materials science and engineering. C</i> . <b>33</b> (2013); 8; 4539-4544	2,736 (2013.)	NE
64.	Sopčić, Suzana; Peter, Robert; Petravić, Mladen; Mandić, Zoran. New insights into the mechanism of pseudocapacitance deterioration in electrodeposited MnO <sub>2</sub> under negative potentials. // <i>Journal of power sources</i> . <b>240</b> (2013); 252-257	5,211 (2013.)	DA
65.	Sudar, Martina; Valinger, Davor; Findrik, Zvezdana; Vasić-Rački, Đurđa; Kurtanjek, Želimir. Effect of different variables on the efficiency of the baker's yeast cell disruption process to obtain alcohol dehydrogenase activity. // <i>Applied biochemistry and biotechnology</i> . <b>169</b> (2013); 3; 1039-1055	1,687 (2013.)	DA
66.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Clapés, Pere; Lozano, Carles. Mathematical model for aldol addition catalyzed by two D-fructose-6-phosphate aldolases variants overexpressed in E. coli. // <i>Journal of biotechnology</i> . <b>167</b> (2013); 3; 191-200	2,884 (2013.)	DA
67.	Sudar, Martina; Findrik Zvezdana; Vasić-Rački, Đurđa; Clapés, Pere; Lozano, Carles. Aldol addition of dihydroxyacetone to N-Cbz-3- aminopropanal catalyzed by two aldolases variants in microreactors. // <i>Enzyme and microbial technology</i> . <b>53</b> (2013); 1; 38-45	2,966 (2013.)	DA
68.	Šalić, Anita; Pindrić, Katarina; Zelić, Bruno. Bioproduction of food additives hexanal and hexanoic acid in a microreactor. // <i>Applied biochemistry and biotechnology</i> . <b>171</b> (2013); 8; 2273-2284	1,687 (2013.)	NE
69.	Šalić, Anita; Pindrić Katarina; Hojnik Podrepšek, Gordana; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor catalyzed by ADH immobilized on $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles. // <i>Green processing and synthesis</i> . <b>2</b> (2013); 6; 569-578	1,125 (2014.)	DA
70.	Šalić, Anita; Ivanković, Mia; Ferik, Elvira; Zelić, Bruno. ADH based NAD <sup>+</sup> regeneration in a microreactor. // <i>Journal of chemical technology and biotechnology</i> . <b>88</b> (2013); 9; 1721-1729	2,494 (2013.)	NE

71.	Šalić, Anita; Faletar, Petra; Zelić, Bruno. NAD <sup>+</sup> regeneration in a microreactor using permeabilized baker's yeast cells. // <i>Biochemical engineering journal</i> . <b>77</b> (2013); 88-96	2,368 (2013.)	NE
72.	Ščetar, Mario; Ptiček Siročić, Anita; Hrnjak-Murugić, Zlata; Galić, Kata. Preparation and properties of low density polyethylene film modified by zeolite and nanoclay. // <i>Polymer-plastics technology and engineering</i> . <b>52</b> (2013); 15; 1611-1620	1,481 (2012.)	DA
73.	Šipušić, Juraj; Ukrainczyk, Neven; Vrbos, Nevenka. Compressive strength of calcium aluminate mortar determined by ultrasonic non-destructive test method. // <i>Advances in cement research</i> . <b>25</b> (2013); 3; 143-154	0,486 (2013.)	NE
74.	Švarc, Anera; Ukić, Šime; Radojević Lacković, Sandra; Đuričić, Biljana; Novak, Mirjana; Bolanča, Tomislav. Influence of ultrasonic and microwave irradiation on cation exchange properties of clay material. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 29-35	0,911 (2013.)	DA
75.	Ukić, Šime; Dimić, Petra; Šiljeg, Mario; Ujević Bošnjak, Magdalena; Šipušić, Juraj; Bolanča, Tomislav. Manganese waste mud immobilization in cement – natural zeolite – lime blend: Process optimization using artificial neural networks and multi-criteria functions. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>44</b> (2013); 4; 273-281	0,433 (2013.)	DA
76.	Ukić, Šime; Rogošić, Marko; Novak, Mirjana; Šimović, Ena; Tišler, Vesna; Bolanča, Tomislav. Optimization of IC separation based on isocratic- to-gradient retention modeling in combination with sequential searching or evolutionary algorithm. // <i>Journal of analytical methods in chemistry</i> . (2013); 549729-1-549729-11; Article ID 549729	0,948 (2013.)	DA
77.	Ukrainczyk, Neven; Franković Mihelj, Nirvana; Šipušić, Juraj. Calcium Sulfoaluminate eco-cement from industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 83-93	0,911 (2013.)	DA
78.	Vidović, Elvira; Klee, Doris; Hoecker, Hartwig. Evaluation of water uptake and mechanical properties of biomedical polymers. // <i>Journal of applied polymer science</i> . <b>130</b> (2013); 5; 3682-3688	1,640 (2013.)	DA
79.	Vrsalović Presečki, Ana; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Mathematical modeling of maize starch liquefaction catalyzed by alpha-amylases from <i>Bacillus licheniformis</i> - effect of calcium, pH and temperature. // <i>Bioprocess and biosystems engineering</i> . <b>36</b> (2013); 1; 117-126	1,823 (2013.)	NE
80.	Vrsalović Presečki, Ana; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Complete starch hydrolysis by the synergistic action of amylase and glucoamylase: impact of calcium ions. // <i>Bioprocess and biosystems engineering</i> . <b>36</b> (2013); 11; 1555-1562	1,823 (2013.)	NE
81.	Vuk, Dragana; Potroško, Dalia; Šindler-Kulyk, Marija; Marinić, Željko; Molčanov, Krešimir; Kojić-Prodić, Biserka; Škorić, Irena. Synthesis and photochemical transformations of new butadiene chromophores: the influence of the nature and position of chlorine substituent on the photoinduced behavior. // <i>Journal of molecular structure</i> . <b>1051</b> (2013); 1-14	1,599 (2013.)	DA
82.	Vuković Domanovac, Marija; Čosić, Ivana; Sojčić, Martina; Briški, Felicita. Treatment of tobacco dust leachate by activated sludge - evaluation of biokinetic parameters. // <i>Chemical and biochemical engineering quarterly</i> . <b>27</b> (2013); 1; 51-56	0,911 (2013.)	NE
83.	Weitner, Tin; Kos, Ivan; Mandić, Zoran; Batinić-Haberle, Ines; Biruš, Mladen. Acid-base and electrochemical properties of manganese meso(ortho- and meta-N-ethylpyridyl)porphyrins: voltammetric and chronocoulometric study of protolytic and redox equilibria. // <i>Dalton transactions</i> . <b>42</b> (2013); 41; 14757-14765	4,097 (2013.)	DA
84.	Žižek, Krunoslav; Hraste, Marin; Gomzi, Zoran. High shear granulation of dolomite – I : Effect of shear regime on process kinetics. // <i>Chemical engineering research &amp; design</i> . <b>91</b> (2013); 1; 70-86	2,281 (2013.)	NE
85.	Ašperger, Danijela; Čurković, Lidija; Horvat, Alka J. M.; Kaštelan-Macan, Marija. Optimization condition for thin-layer identification of bronzes after anodic sampling. // <i>JPC. Journal of planar chromatography, modern TLC</i> . <b>27</b> (2014); 2; 84-87	0,670 (2013.)	DA

86.	Ašperger, Danijela; Tišler, Vesna; Zrnčić, Mirta; Mutavdžić Pavlović, Dragana; Babić, Sandra; Horvat, Alka J. M.; Kaštelan-Macan, Marija. HPLC–DAD–FLD Determination of veterinary pharmaceuticals in pharmaceutical industry wastewater with precolumn derivatization using fluorescamine. // <i>Chromatographia</i> . <b>77</b> (2014); 1059-1066	1,411 (2014.)	DA
87.	Bolanča, Tomislav; Ukić, Šime; Novak, Mirjana; Rogošić, Marko. Computer assisted method development in liquid chromatography. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 2; 111-122	0,728 (2014.)	NE
88.	Bolanča, Tomislav; Ukić, Šime; Peternel, Igor; Kušić, Hrvoje; Lončarić Božić, Ana. Artificial neural network models for advanced oxidation of organics in water matrix - Comparison of applied methodologies. // <i>Indian journal of chemical technology</i> . <b>21</b> (2014); 21-29	0,513 (2014.)	NE
89.	Čurković, Lidija; Bolanča, Tomislav; Šiljeg, Mario; Foglar, Lucija. The kinetic modelling of Fe <sup>3+</sup> ion uptake by zeolite from water. // <i>Indian journal of chemical technology</i> . <b>21</b> (2014); 56-62	0,513 (2014.)	DA
90.	Dejanović, Igor; Halvorsen, Ivar J.; Skogestad, Sigurd; Jansen, Helmut; Olujić, Žarko. Hydraulic design, technical challenges and comparison of alternative configurations of a four-product dividing wall column. // <i>Chemical engineering and processing</i> . <b>84</b> (2014); 71-81	2,071 (2014.)	DA
91.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir. Mass transfer of differently sized organic solutes at spacer covered and permeable nanofiltration wall. // <i>Chemical engineering journal</i> . <b>244</b> (2014); 152-159	4,321 (2014.)	NE
92.	Dražević, Emil; Košutić, Krešimir; Freger, Viatcheslav. Permeability and selectivity of reverse osmosis membranes: Correlation to swelling revisited. // <i>Water research</i> . <b>49</b> (2014); 444-452	5,528 (2014.)	DA
93.	Dražević, Emil; Košutić, Krešimir; Kolev, Vesselin; Freger, Viatcheslav. Does hindered transport theory apply to desalination membranes?. // <i>Environmental science &amp; technology</i> . <b>48</b> (2014); 19; 11471-11478	5,330 (2014.)	DA
94.	Faraguna, Fabio; Peter, Robert; Volovšek, Vesna; Jukić, Ante. Synthesis and characterization of alkyl ester functionalized multiwall carbon nanotubes. // <i>Journal of nanoscience and nanotechnology</i> . <b>14</b> (2014); 8; 6347-6354	1,556 (2014.)	DA
95.	Findrik, Zvezdana; Valentović, Ivana; Vasić-Rački, Đurđa. A mathematical model of oxidative deamination of amino acid catalyzed by two D-amino acid oxidases and influence of aeration on enzyme stability. // <i>Applied biochemistry and biotechnology</i> . <b>172</b> (2014); 6; 3092-3105	1,735 (2014.)	NE
96.	Gazivoda Kraljević, Tatjana; Ilić, Nataša; Stepanić, Višnja; Sappe, Lana; Petranović, Jasna; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Synthesis and in vitro antiproliferative evaluation of novel N-alkylated 6-isobutyl- and propyl pyrimidine derivatives. // <i>Bioorganic &amp; Medicinal Chemistry Letters</i> . <b>24</b> (2014); 13; 2913-2917	2,420 (2014.)	DA
97.	Jović, Franjo; Grašovec, Marko; Dejanović, Igor; Kosar, Vanja. Dynamic simulation of high-pressure tubular reactor for low-density polyethylene production. // <i>Journal of elastomers and plastics</i> . <b>48</b> (2014); 8; 737-746	0,773 (2014.)	NE
98.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Rasulev, Bakhtiyor; Lončarić Božić, Ana. Modeling of photooxidative degradation of aromatics in water matrix; combination of mechanistic and structural-relationship approach. // <i>Chemical engineering journal</i> . <b>257</b> (2014); 229-241	4,321 (2014.)	DA
99.	Juretić, Daria; Purić, Jelena; Kušić, Hrvoje; Marin, Vedrana; Lončarić Božić, Ana. Structural influence on photooxidative degradation of halogenated phenols. // <i>Water, air and soil pollution</i> . <b>225</b> (2014); 2143; 1-18	1,554 (2014.)	DA
100.	Kalinski, Ivana; Juretić, Daria; Kušić, Hrvoje; Peternel, Igor; Lončarić Božić, Ana. Structural aspects of degradation of sulfoaromatics by UV/H <sub>2</sub> O <sub>2</sub> process. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>293</b> (2014); 1-11	2,495 (2014.)	NE
101.	Kassal, Petar; Šurina, Robert; Vrsaljko, Domagoj; Murković Steinberg, Ivana. Hybrid sol-gel thin films doped with a pH indicator : Effect of organic modification on optical pH response and surface hydrophobicity. // <i>Journal of sol-gel science and technology</i> . <b>69</b> (2014); 3; 586-595	1,532 (2014.)	DA
102.	Katančić, Zvonimir; Kratofil Krehula, Ljerka; Ptiček Siročić, Anita; Grozdanić, Vedrana; Hrnjak-Murgić, Zlata. Effect of modified nanofillers on fire retarded HDPE/Wood composites. // <i>Journal of composite materials</i> . <b>48</b> (2014); 30; 3771-3783	1,173 (2014.)	NE

103.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murđić, Zlata. Flammability and thermal properties of zeolite filled high-impact polystyrene composites. // <i>Polymer-plastics technology and engineering</i> . <b>53</b> (2014); 14; 1487-1493	1,481 (2012.)	DA
104.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murđić, Zlata; Jelenčić, Jasenka. Thermal decomposition of fire-retarded high-impact polystyrene and high-impact polystyrene/ethylene-vinyl acetate blend nanocomposites followed by thermal analysis. // <i>Journal of elastomers and plastics</i> . <b>46</b> (2014); 3; 233-252	0,773 (2014.)	DA
105.	Katić, Višnja; Otmačić Ćurković, Helena; Semenski, Damir; Baršić, Gorana; Marušić, Katarina; Špalj, Stjepan. Influence of surface layer on mechanical and corrosion properties of nickel-titanium orthodontic wires. // <i>Angle orthodontist</i> . <b>84</b> (2014); 6; 1041-1048	1,225 (2014.)	DA
106.	Kereković, Irena; Milardović, Stjepan; Palčić, Marina; Grabarić, Zorana. Characterization of cysteamine self assembled on gold functionalized with nitrilotriacetic acid and evaluation of copper(II) binding capacity with adsorption transfer stripping voltammetry. // <i>Journal of electroanalytical chemistry</i> . <b>724</b> (2014); 103-110	2,729 (2014.)	DA
107.	Kopčić, Nina; Vuković Domanovac, Marija; Kučić, Dajana; Briški, Felicita. Evaluation of laboratory-scale in-vessel co-composting of tobacco and apple waste. // <i>Waste management</i> . <b>34</b> (2014); 2; 323-328	3,220 (2014.)	NE
108.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Ptiček Siročić, Anita; Hrnjak-Murđić, Zlata. Weathering of high density polyethylene-wood plastic composites. // <i>Journal of wood chemistry and technology</i> . <b>34</b> (2014); 1; 39-54	1,588 (2014.)	NE
109.	Kurajica, Stanislav; Popović, Jasminka; Gazivoda, Tatjana; Tkalčec Čižmek, Emilija; Simčić, Ivan; Mandić, Vilko; Altomare, Angela; Moliterni, Anna; Rocquefelte, Xavier. A structural investigation of tris(ethyl acetoacetate)aluminium (III). // <i>Journal of sol-gel science and technology</i> . <b>71</b> (2014); 217-223	1,532 (2014.)	DA
110.	Kurajica, Stanislav; Škorić, Irena; Lozić, Iva; Mandić, Vilko. Ethyl acetoacetate ligand distribution in the course of titanium n-butoxide chelation. // <i>Materials chemistry and physics</i> . <b>147</b> (2014); 3; 1058-1067	2,259 (2014.)	NE
111.	Mandić, Vilko; Tkalčec Čižmek, Emilija; Kurajica, Stanislav. The effect of La <sub>2</sub> O <sub>3</sub> addition on sol-gel derived mullitization. // <i>Journal of the American ceramic society</i> . <b>97</b> (2014); 7; 2264-2271	2,610 (2014.)	NE
112.	Marušić, Katarina; Hajdari, Zana; Otmačić Ćurković, Helena. Optimizing the preparation procedure of self-assembled monolayer of stearic acid for protection of cupronickel alloy. // <i>Acta chimica Slovenica</i> . <b>61</b> (2014); 328-339	0,686 (2014.)	NE
113.	Matijašević, Ljubica; Vučković, Ana; Dejanović, Igor. Analysis of cooling water systems in a petroleum refinery. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 4; 451-457	0,802 (2014.)	DA
114.	Milovac, Dajana; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: Morphology, mechanical properties and bioactivity. // <i>Materials science and engineering: C, Materials for biological applications</i> . <b>34</b> (2014); 437-445	3,088 (2014.)	DA
115.	Milovac, Dajana; Gamboa-Martínez Tatiana C.; Ivanković, Marica; Gallego Ferrer, Gloria; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: in vitro cell culture studies. // <i>Materials science and engineering: C, Materials for biological applications</i> . <b>42</b> (2014); 264-272	3,088 (2014.)	DA
116.	Milovac, Nikolina; Juretić, Daria; Kušić, Hrvoje; Đermadi, Jasna; Lončarić Božić, Ana. Photooxidative degradation of aromatic carboxylic acids in water; influence of hydroxyl substituents. // <i>Industrial &amp; engineering chemistry research</i> . <b>53</b> (2014); 26; 10590-10598	2,587 (2014.)	DA
117.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Blažek, Dijana; Župan, Josip. The sorption of sulfamethazine on soil samples: Isotherms and error analysis. // <i>Science of the total environment</i> . <b>497-498</b> (2014); 543-552	4,099 (2014.)	DA

118.	Palčić, Marina; Milardović, Stjepan; Kereković, Irena; Grabarić, Zorana. Application of nitrilotriacetic acid modified gold electrode for determination of lead in natural waters with differential pulse adsorptive cathodic stripping voltammetry. // <i>International journal of electrochemical science</i> . 9 (2014); 7; 3701-3714	1,500 (2014.)	DA
119.	Papić, Sanja; Peternel, Igor; Krevzelj, Željko; Kušić, Hrvoje; Koprivanac, Natalija. Advanced oxidation of an azo dye and its synthesis intermediates in aqueous solution: effect of Fenton treatment on mineralization, biodegradability and toxicity. // <i>Environmental engineering and management journal</i> . 13 (2014); 10; 2561-2571	1,065 (2014.)	NE
120.	Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>European journal of medicinal chemistry</i> . 80 (2014); 218-227	3,447 (2014.)	DA
121.	Periša, Martina; Babić, Sandra. Simultaneous determination of pharmaceuticals and some of their metabolites in wastewaters by high performance liquid chromatography-tandem mass spectrometry. // <i>Journal of separation science</i> . 37 (2014); 1289-1296	2,737 (2014.)	NE
122.	Plodinec, Milivoj; Gajović, Andreja; Iveković, Damir; Tomašić, Nenad; Zimmerman, Boris; Macan, Jelena; Haramina, Tatjana; Su, DangSeng; Willinger, Marc. Study of thermal stability of (3-aminopropyl)trimethoxy silane-grafted titanate nanotubes for application as nanofillers in polymers. // <i>Nanotechnology</i> . 25 (2014); 435601-435614	3,821 (2014.)	DA
123.	Ptiček Siročić, Anita; Rešček, Ana; Hrnjak-Murgić, Zlata. Polyethylene nanocomposites filled with modified nanoparticles. // <i>Polymer-plastics technology and engineering</i> . 53 (2014); 8; 811-817	1,481 (2012.)	DA
124.	Ptiček Siročić, Anita; Rešček, Ana; Ščetar, Mario; Kratožil Krehula, Ljerka; Hrnjak-Murgić, Zlata. Development of low density polyethylene nanocomposites films for packaging. // <i>Polymer bulletin</i> . 71 (2014); 3; 705-717	1,438 (2014.)	DA
125.	Ptiček Siročić, Anita; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Kinetic analysis of thermal and thermo-oxidative degradation of polyethylene (nano)composites. // <i>Composite interfaces</i> . 21 (2014); 3; 179-189	0,726 (2014.)	NE
126.	Pustak, Anđela; Leskovic, Mirela; Denac, Matjaž; Švab, Iztok; Pohleven, Janez; Makarovič, Matjaž; Musil, Vojko; Šmit, Ivan. Interfacial and mechanical properties of polypropylene/silica nano- and microcomposites. // <i>Journal of reinforced plastics and composites</i> . 33 (2014); 9; 851-861	1,503 (2014.)	DA
127.	Rogošić, Marko; Sander, Aleksandra; Pantaler, Martina. Application of 1-pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide for desulfurization, denitrification and dearomatization of FCC gasoline. // <i>Journal of chemical thermodynamics</i> . 76 (2014); 1-15	2,679 (2014.)	NE
128.	Sander, Aleksandra; Penović, Tomislav. Droplet size distribution obtained by atomization with two-fluid nozzles in a spray dryer. // <i>Chemical engineering &amp; technology</i> . 37 (2014); 12; 2073-2084	2,442 (2014.)	NE
129.	Somogyi Škoc, Maja; Macan, Jelena; Pezelj, Emira. Modification of polyurethane-coated fabrics by sol-gel thin films. // <i>Journal of applied polymer science</i> . 131 (2014); 4; 39914-1-39914-13	1,768 (2014.)	DA
130.	Sopčič, Suzana; Mandić, Zoran; Kraljić Roković, Marijana. Some factors influencing power and energy capabilities of RuO <sub>2</sub> supercapacitors. // <i>Acta chimica Slovenica</i> . 61 (2014); 2; 272-279	0,686 (2014.)	NE
131.	Steinberg, Matthew D.; Kassal, Petar; Tkalčec, Biserka; Murković Steinberg, Ivana. Miniaturised wireless smart tag for optical chemical analysis applications. // <i>Talanta</i> . 118 (2014); 375-381	3,545 (2014.)	DA
132.	Steinberg, Matthew D.; Žura, Ivan; Murković Steinberg, Ivana. Wireless smart tag with on-board conductometric chemical sensor. // <i>Sensors and actuators. B, Chemical</i> . 196 (2014); 208-214	4,097 (2014.)	DA

133.	Sudar, Martina; Findrik, Zvezdana; Vuković Domanovac, Marija; Vasić-Rački, Đurđa. Coenzyme regeneration catalyzed by NADH oxidase from <i>Lactococcus lactis</i> . // <i>Biochemical engineering journal</i> . <b>88</b> (2014); 12-18	2,467 (2014.)	NE
134.	Šalić, Anita; Zelić, Bruno. ADH catalysed hexanol oxidation with fully integrated NADH regeneration performed in microreactors connected in series. // <i>RSC Advances</i> . <b>4</b> (2014); 41714-41721	3,840 (2014.)	NE
135.	Štrkalj, Anita; Glavaš, Zoran; Matijašić, Gordana. Adsorption of hexavalent chromium from aqueous solution by steel-making slag. // <i>Materiali in tehnologije</i> . <b>48</b> (2014); 5; 619-622	0,548 (2014.)	DA
136.	Tarbuk, Anita; Grancarić, Anamarija; Leskovac, Mirela. Novel cotton cellulose by cationisation during the mercerisation process - Part 1: Chemical and morphological changes. // <i>Cellulose</i> . <b>21</b> (2014); 3; 2167-2179	3,573 (2014.)	DA
137.	Tarbuk, Anita; Grancarić, Anamarija; Leskovac, Mirela. Novel cotton cellulose by cationisation during mercerisation - Part 2: Interface phenomena. // <i>Cellulose</i> . <b>21</b> (2014); 3; 2089-2099	3,573 (2014.)	DA
138.	Tišma, Marina; Molnar, Maja; Škarica, Marija; Čačić, Milan; Zelić, Bruno. Laccase inhibiting activity of some coumarin derivatives. // <i>Letters in organic chemistry</i> . <b>11</b> (2014); 583-589	0,664 (2014.)	DA
139.	Tkalčec, Emilija; Popović, Jasminka; Orlić, Sebastijan; Milardović, Stjepan; Ivanković, Hrvoje. Hydrothermal synthesis and thermal evolution of carbonate-fluorhydroxyapatite scaffold from cuttlefish bones. // <i>Materials science and engineering C, Materials for biological applications</i> . <b>42</b> (2014); 578-586	3,088 (2014.)	DA
140.	Tusić, Marko; Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa. Operational stability of glucoamylase in continuously operated ultrafiltration membrane reactor – experimental methods and mathematical model. // <i>Chemical and biochemical engineering quarterly</i> . <b>28</b> (2014); 4; 473-480	0,802 (2014.)	NE
141.	Ukić, Šime; Mandić, Vilko; Buić, Zdenko; Bolanča, Tomislav; Zelić, Bruno; Kurajica, Stanislav; Novak, Mirjana. Sorption kinetics and structural investigations of acid and alkali pretreated bentonite used for ammonium and phosphate removal from petrochemical wastewater. // <i>Fresenius environmental bulletin</i> . <b>23</b> (2014); 5; 1260-1270	0,378 (2014.)	DA
142.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography—Part I: Conventional QSRR approach. // <i>Chromatographia</i> . <b>77</b> (2014); 985-996	1,411 (2014.)	DA
143.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part II: Artificial intelligence QSRR approach. // <i>Chromatographia</i> . <b>77</b> (2014); 997-1007	1,411 (2014.)	DA
144.	Valinger, Davor; Vrsalović Presečki, Ana; Kurtanjek, Želimir; Pohl, Martina; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Continuous enzymatic carboligation of benzaldehyde and acetaldehyde in an enzyme ultrafiltration membrane reactor and laminar flow microreactors. // <i>Journal of Molecular Catalysis B: Enzymatic</i> . <b>102</b> (2014); 132-137	2,128 (2014.)	DA
145.	Volovšek, Vesna; Dananić, Vladimir; Bistričić, Lahorija; Movre Šapić, Iva; Furić Krešimir. Raman study of vibrational dynamics of aminopropylsilanetriol in gas phase. // <i>Spectrochimica acta part A: Molecular and biomolecular spectroscopy</i> . <b>117</b> (2014); 478-484	2,353 (2014.)	DA
146.	Vrankić, Martina; Žagar, Kristina; Bijelić, Mirjana; Popović, Jasminka; Gržeta, Biserka; Kurajica, Stanislav. Microstructure of sol-gel derived Mn-doped gahnite: Correlation of TEM and XRD investigations. // <i>Journal of physics and chemistry of solids</i> . <b>75</b> (2014); 11; 1240-1244	1,853 (2014.)	DA
147.	Vuk, Dragana; Kikaš, Ilijana; Molčanov, Krešimir; Horváth, Ottó; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of thiophene and furan derivatives: the impact of the type and position of the heteroatom. // <i>Journal of molecular structure</i> . <b>1063</b> (2014); 83-91	1,602 (2014.)	DA

148.	Vuk, Dragana; Marinić, Željko; Molčanov, Krešimir; Margetić, Davor; Škorić, Irena. Thermal electrocyclization reactions II: benzoctatetraenes and benzodecapentaenes. // <i>Tetrahedron</i> . <b>70</b> (2014); 886-891	2,641 (2014.)	DA
149.	Vuk, Dragana; Marinić, Željko; Škorić, Irena. Photochemical approach to new polycyclic substrates suitable for further photocatalytic functionalization. // <i>Croatica chemica acta</i> . <b>87</b> (2014); 465-473	0,728 (2014.)	DA
150.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Weak interactions direct crystal packings of arylated 1, 3-butadienes. // <i>Journal of molecular structure</i> . <b>1065-1066</b> (2014); 43-51	1,602 (2014.)	DA
151.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Novel arylated chloro- and methoxy-1, 3-dibutadienes: influence of substituents on molecular conformation and crystal packing. // <i>Journal of molecular structure</i> . <b>1068</b> (2014); 124-129	1,602 (2014.)	DA
152.	Zrnčić, Mirta; Gros, Meritxell; Babić, Sandra; Kaštelan-Macan, Marija; Barcelo, Damia; Petrović Mira. Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. // <i>Chemosphere</i> . <b>99</b> (2014); 224-232	3,340 (2014.)	DA
153.	Žižek, Krunoslav; Hraste, Marin; Gomzi, Zoran. High shear granulation of dolomite – II: Effect of amount of binder liquid on process kinetics. // <i>Chemical engineering research and design</i> . <b>92</b> (2014); 1091-1106	2,348 (2014.)	NE
154.	Žura, Ivan; Babić, Dinko; Steinberg, Matthew D.; Murković Steinberg, Ivana. Low-cost conductometric transducers for use in thin polymer film chemical sensors. // <i>Sensors and actuators. B, Chemical</i> . <b>193</b> (2014); 128-135	4,097 (2014.)	DA
155.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena. Photolytic and thin TiO <sub>2</sub> film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . <b>22</b> (2015); 11372-11386	2,760 (2015.)	DA
156.	Bistričić, Lahorija; Borjanović, Vesna; Leskovac, Mirela; Mikac, Lara; McGuire, GE; Shenderova, Olga; Nunn, Nick. Raman spectra, thermal and mechanical properties of poly(ethylene terephthalate) carbon-based nanocomposite films. // <i>Journal of polymer research</i> . <b>22</b> (2015); 3; 39-1-39-12	1,969 (2015.)	DA
157.	Budžaki, Sandra; Šalić, Anita; Zelić, Bruno; Tišma, Marina. Enzyme catalyzed biodiesel production from edible and waste cooking oil. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 329-333	0,675 (2015.)	DA
158.	Dujella, Andrej; Gusić, Ivica; Tadić, Petra. The rank and generators of Kihara's elliptic curve with torsion $Z/4Z$ over $Q(t)$ . // <i>Proceedings of the Japan academy. Series A mathematical sciences</i> . <b>91</b> (2015); 8; 105-109	0,286 (2015.)	DA
159.	Faraguna, Fabio; Siuc, Valentina; Vidović, Elvira; Jukić, Ante. Reactivity ratios and properties of copolymers of 2-ethoxyethyl methacrylate with dodecyl methacrylate or styrene. // <i>Journal of polymer research</i> . <b>22</b> (2015); 245-1-245-11	1,969 (2015.)	NE
160.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Reactivity ratios and copolymer properties of 2-(diisopropylamino)ethyl methacrylate with methyl methacrylate and styrene. // <i>Polymer international</i> . <b>64</b> (2015); 1497-1504	2,414 (2015.)	NE
161.	Govorčin Bajsić, Emi; Ocelić Bulatović, Vesna; Rek, Vesna. The influence of filler treatment on the properties of TPU/PP blends: I. Thermal properties and stability. // <i>Polymer engineering and science</i> . <b>55</b> (2015); 8; 1920-1930	1,719 (2015.)	NE
162.	Gusić, Ivica; Tadić, Petra. Injectivity of the specialization homomorphism of elliptic curves. // <i>Journal of number theory</i> . <b>148</b> (2015); 137-152	0,596 (2015.)	DA
163.	Hrkovac, Martina; Prlić Kardum, Jasna; Ukrainczyk, Neven. Influence of NaCl on granulometric characteristics and polymorphism in batch-cooling crystallization of Glycine. // <i>Chemical engineering &amp; technology</i> . <b>38</b> (2015); 1; 139-146	2,385 (2015.)	NE

164.	Ivušić, Franjo; Lahodny-Šarc, Olga; Otmačić Ćurković, Helena; Alar, Vesna. Synergistic inhibition of carbon steel corrosion in seawater by cerium chloride and sodium gluconate. // <i>Corrosion science</i> . <b>98</b> (2015); 88-97	5,154 (2015.)	DA
165.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Rasulev, Bakhtiyor; Peternel, Igor; Lončarić Božić, Ana. Prediction of key structural features responsible for aromaticity of single-benzene ring pollutants and their photooxidative intermediates. // <i>Chemical engineering journal</i> . <b>276</b> (2015); 261-273	5,310 (2015.)	DA
166.	Jurinjak Tušek, Ana; Anić, Iva; Kurtanjek, Želimir; Zelić, Bruno. Mass transfer coefficients of slug flow for organic solvent-aqueous system in a microreactor. // <i>Korean journal of chemical engineering</i> . <b>32</b> (2015); 6; 1037-1045	1,408 (2015.)	DA
167.	Kassal, Petar; Kim, Jayoung; Kumar, Rajan; de Araujo, William Reis; Steinberg, Ivana; Steinberg, Matthew; Wang, Joseph. Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. // <i>Electrochemistry communications</i> . <b>56</b> (2015); 6-10	4,569 (2015.)	DA
168.	Katić, Višnja; Mandić, Vilko; Ježek, Damir; Baršić, Gorana; Špalj, Stjepan. Influence of various fluoride agents on working properties and surface characteristics of uncoated, rhodium coated and nitrified nickel-titanium orthodontic wires. // <i>Acta odontologica scandinavica</i> . <b>73</b> (2015); 4; 241-249	1,171 (2015.)	DA
169.	Košutić, Krešimir; Dolar, Davor; Strmecky, Tea. Treatment of landfill leachate by membrane processes of nanofiltration and reverse osmosis. // <i>Desalination and water treatment</i> . <b>55</b> (2015); 10; 2680-2689	1,272 (2015.)	NE
170.	Kraguljac, Kornelije; Vidović, Elvira; Šoljić Jerbić, Ivana; Jukić, Ante. A chromatographic study of shear stability of poly(styrene-co-alkyl methacrylate) viscosity modifier for lubricating oils. // <i>Petroleum science and technology</i> . <b>33</b> (2015); 374-380	0,418 (2015.)	NE
171.	Kratofil Krehula, Ljerka; Hrnjak-Murđić, Zlata; Jelenčić, Jasenka. Study of masterbatch effect on miscibility and morphology in PET/HDPE blends. // <i>Journal of adhesion science and technology</i> . <b>29</b> (2015); 2; 74-93	0,863 (2015.)	NE
172.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Marić, Gojko; Hrnjak-Murđić, Zlata. Study of fire retardancy, thermal and mechanical properties of HDPE-wood composites. // <i>Journal of wood chemistry and technology</i> . <b>35</b> (2015); 6; 412-423	1,830 (2015.)	DA
173.	Krištafor, Svjetlana; Bistrovic, Andrea; Plavec, Janez; Makuc, Damjan; Martinović, Tamara; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. One-pot click synthesis of 1, 2, 3-triazole- embedded unsaturated uracil derivatives and hybrids of 1, 5- and 2, 5-disubstituted tetrazoles and pyrimidines. // <i>Tetrahedron letters</i> . <b>56</b> (2015); 1222-1228	2,347 (2015.)	DA
174.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO <sub>2</sub> /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>309</b> (2015); 22-29	2,477 (2015.)	DA
175.	Mandić, Vilko; Kurajica, Stanislav. The influence of solvents on sol-gel derived calcium aluminate. // <i>Materials science in semiconductor processing</i> . <b>38</b> (2015); 306-313	2,264 (2015.)	NE
176.	Maračić, Silvija; Gazivoda Kraljević, Tatjana; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Cetina, Mario; Raić-Malić Silvana. 1,2,3-Triazolepharmacophore-based benzofused nitrogen/sulfur heterocycles with potential anti- <i>Moraxella catarrhalis</i> activity. // <i>Bioorganic &amp; medicinal chemistry</i> . <b>23</b> (2015); 7448-7463	2,923 (2015.)	DA
177.	Mešičić, Andrijana; Harej, Anja; Klobučar, Marko; Glavač, Danijel; Cetina, Mario; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Discovery of new acid ceramidase-targeted acyclic 5-alkynyl and 5-heteroaryl uracil nucleosides. // <i>ACS Medicinal chemistry letters</i> . <b>6</b> (2015); 11; 1150-1155	3,355 (2015.)	DA
178.	Miklečić, Josip; Lučić Blagojević, Sanja; Petrič, Marko; Jirouš-Rajković, Vlatka. Influence of TiO <sub>2</sub> and ZnO nanoparticles on properties of waterborne polyacrylate coating exposed to outdoor conditions. // <i>Progress in organic coatings</i> . <b>89</b> (2015); 67-74	2,632 (2015.)	DA
179.	Mutavdžić Pavlović, Dragana; Nikšić, Korana; Livazović, Sara; Brnardić, Ivan; Anžlovar, Alojz. Preparation and application of sulfaguanidine- imprinted polymer on solid-phase extraction of pharmaceuticals from water. // <i>Talanta</i> . <b>131</b> (2015); 99-107	4,035 (2015.)	DA



180.	Panjičko, Mario; Zupančič, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . <b>62</b> (2015); 4; 818-827	1,167 (2015.)	DA
181.	Pustak, Anđela; Denac, Matjaž; Leskovac, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Polypropylene/silica micro- and nanocomposites modified with poly(styrene-b-ethylene-co-butylene-b-styrene). // <i>Journal of applied polymer science</i> . <b>132</b> (2015); 6; 41486-41498	1,866 (2015.)	DA
182.	Pustak, Anđela; Denac, Matjaž; Leskovac, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Morphology and mechanical properties of iPP/silica composites modified with (styrene-b-ethylene-co-butylene-b-styrene) grafted with maleic anhydride. // <i>Polymer-plastics technology and engineering</i> . <b>54</b> (2015); 6; 647-660	1,511 (2015.)	DA
183.	Raić-Malić, Silvana; Mešičić, Andrijana. Recent trends in 1, 2, 3-triazolo-nucleosides as promising anti-infective and anticancer agents. // <i>Current medicinal chemistry</i> . <b>22</b> (2015); 1462-1499	3,455 (2015.)	NE
184.	Rastija, Vesna; Agić, Dejan; Tomić, Sanja; Nikolić, Sonja; Hranjec, Marijana; Karminski-Zamola, Grace; Abramić, Marija. Synthesis, QSAR, and molecular dynamics simulation of amidino-substituted nenzimidazoles as dipeptidyl peptidase III inhibitors. // <i>Acta chimica Slovenica</i> . <b>62</b> (2015); 4; 867-878	1,167 (2015.)	DA
185.	Rešček, Ana; Kratofil Krehula, Ljerka; Katančič, Zvonimir; Hrnjak-Murgić, Zlata. Active bilayer PE/PCL films for food packaging modified with zinc oxide and casein. // <i>Croatica chemica acta</i> . <b>88</b> (2015);4; 461-473	0,732 (2015.)	DA
186.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Effect of in situ formed hydroxyapatite on microstructure of freeze-gelled chitosan-based biocomposite scaffolds. // <i>European polymer journal</i> . <b>68</b> (2015); 278-287	3,485 (2015.)	DA
187.	Sović, Irena; Viski, Marko; Bertoša, Branimir; Ester, Katja; Kralj, Marijeta; Hranjec, Marijana; Karminski-Zamola, Grace. Exploring antiproliferative activity of heteroaromatic amides and their fused derivatives using 3D-QSAR, synthesis and biological tests. // <i>Monatshefte für Chemie</i> . <b>146</b> (2015); 9; 1503-1517	1,131 (2015.)	DA
188.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . <b>143</b> (2015); 178-183	4,035 (2015.)	DA
189.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Soler, Anna; Clapes, Pere. A new concept for production of (3S, 4R)-6- [(benzyloxycarbonyl)amino]-5, 6-dideoxyhex-2-ulose, a precursor of D-fagomine. // <i>RSC Advances</i> . <b>5</b> (2015); 69819-69828	3,289 (2015.)	DA
190.	Šabić, Monika; Čizmek, Lara; Vuković Domanovac, Marija; Meštrović, Ernest. Biodegradation of erythromycin with environmental microorganism <i>Pseudomonas aeruginosa</i> 3011. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 367-373	0,675 (2015.)	NE
191.	Šamec, Dunja; Gruz, Jiri; Durgo, Ksenija; Kremer, Dario; Kosalec, Ivan; Valek Žulj, Lidija; Martinez, Sanja; Salopek-Sondi, Branka; Piljac-Žegarac, Jasenka. Molecular and cellular approach in the study of antioxidant/prooxidant properties of <i>Micromeria croatica</i> (Pers.) Schott. // <i>Natural product research</i> . <b>29</b> (2015); 18; 1770-1774	1,057 (2015.)	DA
192.	Šmidt, Marina; Kušić, Hrvoje Juretić, Daria; Novak Stankov, Mirjana; Ukić, Šime; Bolanča, Tomislav; Rogošić, Marko; Lončarić Božić, Ana. Modeling photooxidative degradation of aromatics in water; optimization study using response surface and structural-relationship approaches. // <i>Industrial &amp; engineering chemistry research</i> . <b>54</b> (2015); 20; 5427-5441	2,567 (2015.)	NE
193.	Štrkalj, Anita; Glavaš, Zoran; Matijašić, Gordana. Removal of Ni (II) and Cr (VI) ions from aqueous solution using by-product from the production of aluminium. // <i>Metalurgija</i> . <b>54</b> (2015); 1; 31-34	0,959 (2014.)	DA
194.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of phenylpropane 1, 2- diols from (S)-2-hydroxypropiofenone by NADH- dependent oxidoreductases. // <i>Biochemical engineering journal</i> . <b>103</b> (2015); 15; 250-255	2,463 (2015.)	DA

195.	Touabi, Noura; Martinez, Sanja; Bounoughaz, Moussa. Optimization of electrochemical copper recovery process: effect of the rotation speed in chloride medium of pH=3. // <i>International journal of electrochemical science</i> . <b>10</b> (2015); 7227-7240	1,692 (2015.)	DA
196.	Ukić, Šime; Novak, Mirjana; Krilić, Anamarija; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part III: Fuzzy logic QSRR approach. // <i>Chromatographia</i> . <b>78</b> (2015); 889-898	1,332 (2015.)	DA
197.	Valek Žulj, Lidija; Serdar, Marijana; Martinez, Sanja. Effect of tartrate on the electrochemical behaviour and semiconductive properties of passive film on steel in saturated calcium hydroxide. // <i>Materials and corrosion</i> . <b>66</b> (2015); 11; 1344-1353	1,450 (2015.)	DA
198.	Vrsalović, Mislav; Vučur, Ksenija; Car, Boris; Krcmar, Tomislav; Vrsalović Presečki, Ana. C-reactive protein, renal function and cardiovascular outcome in patients with symptomatic peripheral artery disease and preserved left ventricular systolic function. // <i>Croatian medical journal</i> . <b>56</b> (2015); 351-356	1,483 (2015.)	DA
199.	Vrsalović, Mislav; Željковић, Ivan; Vrsalović Presečki, Ana; Pintarić, Hrvoje; Krušlin Božo. C-reactive protein, not cardiac troponin T, improves risk prediction in hypertensives with type A aortic dissection. // <i>Blood pressure</i> . <b>24</b> (2015); 212-216	2,010 (2015.)	DA
200.	Vrsaljko, Domagoj; Macut, Dejan; Kovačević, Vera. Potential role of nanofillers as compatibilizers in immiscible PLA/LDPE blends. // <i>Journal of applied polymer science</i> . <b>132</b> (2015); 6; 41414-1-41414-14	1,866 (2015.)	NE
201.	Zrnčić, Mirta; Babić, Sandra; Mutavdžić Pavlović, Dragana. Determination of thermodynamic pKa values of pharmaceuticals from five different groups using capillary electrophoresis. // <i>Journal of separation science</i> . <b>38</b> (2015); 1232-1239	2,741 (2015.)	NE
202.	Bačić, Ivana; Otmačić Ćurković, Helena; Ćurković, Lidija; Mandić, Vilko; Šokčević, Zrinka. Corrosion protection of AISI 316L stainless steel with the sol-gel yttria stabilized ZrO <sub>2</sub> films: effects of sintering temperature and doping. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 9192-9205	1,469 (2016.)	DA
203.	Belščak-Cvitanović, Ana; Bušić, Arijana; Barišić, Lidija; Vrsaljko, Domagoj; Karlović, Sven; Špoljarić, Igor; Vojvodić, Aleksandra; Mršić, Gordan; Komes, Draženka. Emulsion templated microencapsulation of dandelion ( <i>Taraxacum officinale</i> L.) polyphenols and β-carotene by ionotropic gelation of alginate and pectin. // <i>Food hydrocolloids</i> . <b>57</b> (2016); 139-152	4,747 (2016.)	DA
204.	Brajša, Karmen; Vujasinović, Ines; Jelić, Dubravko; Trzun, Marija; Zlatar, Ivo; Karminski-Zamola, Grace; Hranjec, Marijana. Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1, 2-a]quinoline derivatives tested in 2D and 3D cell culture systems. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . <b>31</b> (2016); 6; 1139-1145	4,293 (2016.)	DA
205.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . <b>20</b> (2016); 11; 3053-3059	2,316 (2016.)	DA
206.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2-α]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology</i> . <b>163</b> (2016); 319-326	2,673 (2016.)	DA
207.	Dolar, Davor; Košutić, Krešimir; Strmecky, Tea. Hybrid processes for treatment of landfill leachate: coagulation/UF/NF-RO and adsorption/UF/NF-RO. // <i>Separation and purification technology</i> . <b>168</b> (2016); 39-46	3,359 (2016.)	NE
208.	Drljača, Dijana; Ašperger, Danijela; Ferenčak, Matea; Gavrančić, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia</i> . <b>79</b> (2016); 209-223	1,402 (2016.)	DA

209.	Fraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal</i> . <b>84</b> (2016); 218-235	3,531 (2016.)	NE
210.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production</i> . <b>112</b> (2016); 1106-1111	5,715 (2016.)	DA
211.	Findrik, Zvezdana; Tusić, Marko; Vasić-Rački, Đurđa. Stabilization of D-amino acid oxidase via covalent immobilization and mathematical model of D-methionine oxidative deamination catalyzed by immobilized enzyme. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 93-102	0,923 (2016.)	NE
212.	Gazivoda Kraljević, Tatjana; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Stepanić, Višnja; Drenjančević, Domagoj; Talapkof, Jasminka; Raić-Malić, Silvana. Synthesis, in vitro anticancer and antibacterial activities and in silico studies of new 4- substituted 1, 2, 3-triazole-coumarin hybrids. // <i>European journal of medicinal chemistry</i> . <b>124</b> (2016); 794-808	4,519 (2016.)	DA
213.	Glasnović, Zvonimir; Margeta, Karmen; Premec, Krunoslav. Could Key Engine, as a new open-source for RES technology development, start the third industrial revolution?. // <i>Renewable &amp; sustainable energy reviews</i> . <b>57</b> (2016); 1194-1209	8,050 (2016.)	DA
214.	Govorčin Bajsić, Emi; Mijović, Budimir; Vranješ Penava, Nina; Holjevac Grgurić, Tamara; Slouf, Miroslav; Zdraveva, Emilija. The effect of UV irradiation on the electrospun PCL/TiO <sub>2</sub> composites fibres. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43539-1-43539-9	1,860 (2016.)	DA
215.	Hajdari, Zana; Otmačić Čurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 5; C145-C155	3,259 (2016.)	DA
216.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Čurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . <b>163</b> (2016); 14; C937-C944	3,259 (2016.)	DA
217.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO <sub>2</sub> nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . <b>11</b> (2016); 7660-7673	1,469 (2016.)	NE
218.	Jakić, Miće; Stipanelov Vrandečić, Nataša; Ocelić Bulatović, Vesna; Govorčin Bajsić, Emi. Miscibility of poly(vinyl chloride) with poly(ethylene oxide) of different molecular weights. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 1; 61-71	0,923 (2016.)	DA
219.	Jansen, Helmut; Dejanović, Igor; Rietfort, Thomas; Olujić, Žarko. Dividing wall column as energy saving retrofit technology. // <i>Chemie Ingenieur Technik</i> . <b>88</b> (2016); 200-207	0,877 (2016.)	DA
220.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>321</b> (2016); 238-247	2,625 (2016.)	DA
221.	Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Marin, Vedrana; Lončarić Božić, Ana. Comparative analysis of UV-C/H <sub>2</sub> O <sub>2</sub> and UV-A/TiO <sub>2</sub> processes for the degradation of diclofenac in water. // <i>Reaction kinetics, mechanisms and catalysis</i> . <b>118</b> (2016); 451-462	1,264 (2016.)	DA
222.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Čurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . <b>123</b> (2016); 1; 421-430	1,953 (2016.)	DA
223.	Koričić, Krešimir; Kušić, Hrvoje; Koprivanac, Natalija; Papić, Sanja. Mineralization of salicylic acid in water by catalytic ozonation. // <i>Environmental engineering and management journal</i> . <b>15</b> (2016); 1; 151-166	1,096 (2016.)	DA

224.	Kovačić, Marin; Salaeh, Subhan; Kušić, Hrvoje; Suligoj, Andraz; Kete, Marko; Fanetti, Mattia; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Solar-driven photocatalytic treatment of diclofenac using immobilized TiO <sub>2</sub> -based zeolite composites. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 17982-17994	2,741 (2016.)	DA
225.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . <b>23</b> (2016); 15; 14908-14917	2,741 (2016.)	NE
226.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Kratočil Krehula, Ljerka; Musić, Svetozar. The effects of In <sup>3+</sup> doping on the properties of precipitated goethite. // <i>Journal of alloys and compounds</i> . <b>658</b> (2016); 41-48	3,133 (2016.)	DA
227.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . <b>57</b> (2016); 24; 10959-10968	1,631 (2016.)	DA
228.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . <b>2016</b> (2016); 7274949-1-7274949-8	1,871 (2016.)	DA
229.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . <b>124</b> (2016); 2; 645-655	1,953 (2016.)	NE
230.	Maduna Valkaj, Karolina; Tomašić, Vesna; Katović, Andrea; Bielańska, ElżBieta. Synthesis and characterization of Cu-MFI catalyst for the direct medium temperature range NO decomposition. // <i>Materials science-Poland</i> . <b>34</b> (2016); 177-184	0,610 (2016.)	DA
231.	Mandić, Vilko; Tkalčec, Emilija; Popović, Jasminka; Kurajica, Stanislav; Schmauch, Jorg. Crystallization pathway of sol-gel derived zinc-doped mullite precursors. // <i>Journal of the European ceramic society</i> . <b>36</b> (2016); 5; 1285-1292	3,454 (2016.)	DA
232.	Mimica Tkalčec, Marijana; Bistričić, Lahorija; Leskovac, Mirela. Influence of adhesive layer on the stability of kozo paper. // <i>Cellulose</i> . <b>23</b> (2016); 1; 853-872	3,417 (2016.)	DA
233.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . <b>200</b> (2016); 98-106	4,529 (2016.)	DA
234.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>122</b> (2016); 530-545	4,519 (2016.)	DA
235.	Planinić, Mirela; Zelić, Bruno; Čubel, Ivan; Bucić-Kojić, Ana; Tišma, Marina. Corn forage biological pretreatment by <i>Trametes versicolor</i> in a tray bioreactor. // <i>Waste management &amp; research</i> . <b>34</b> (2016); 8; 802-809	1,803 (2016.)	DA
236.	Plavac, Bojan; Sutlović, Igor; Filipan, Veljko. Flexibility of mechanical biological treatment plants. // <i>Tehnički vjesnik-Technical gazette</i> . <b>23</b> (2016); 6; 1871-1877	0,723 (2016.)	NE
237.	Ptiček Siročić, Anita; Kratočil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 4; 501-509	0,923 (2016.)	DA
238.	Pustak, Anđela; Denac, Matjaž; Leskovac, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Structure and morphology of silica-reinforced polypropylene composites modified with m-EPR copolymers. // <i>Journal of polymer research</i> . <b>23</b> (2016); 2; 37-1-37-12	1,615 (2016.)	DA

239.	Rešček, Ana; Ščetar, Mario; Hrnjak-Murgič, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . <b>55</b> (2016); 14; 1450-1459	1,232 (2016.)	DA
240.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . <b>98</b> (2016); 172-181	3,684 (2016.)	DA
241.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> . <b>44</b> (2016); 4; 1107-1119	3,221 (2016.)	DA
242.	Rogošić, Marko; Sander, Aleksandra; Kojić, Vedran; Parlov Vuković, Jelena. Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). // <i>Fluid phase equilibria</i> . <b>412</b> (2016); 39-50	2,473 (2016.)	DA
243.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . <b>123</b> (2016); 42-52	3,255 (2016.)	DA
244.	Sačar, Denis; Čapeta, Davor; Šrut Rakić, Iva; Peter, Robert; Petravić, Mladen; Kraljić Roković, Marijana. Tailoring polypyrrole supercapacitive properties by intercalation of graphene oxide within the layer. // <i>Electrochimica acta</i> . <b>193</b> (2016); 311-320	4,798 (2016.)	DA
245.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO <sub>2</sub> -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . <b>304</b> (2016); 289-302	6,216 (2016.)	DA
246.	Sander, Aleksandra; Rogošić, Marko; Slivar, Anamarija; Žuteg, Barbara. Separation of hydrocarbons by means of liquid-liquid extraction with deep eutectic solvents. // <i>Solvent extraction and ion exchange</i> . <b>34</b> (2016); 1; 86-98	2,456 (2016.)	NE
247.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . <b>28</b> (2016); 6; 1149-1169	2,851 (2016.)	DA
248.	Steinberg, Matthew; Tkalčec, Biserka; Murković Steinberg, Ivana. Towards a passive contactless sensor for monitoring resistivity in porous materials. // <i>Sensors and actuators. B, Chemical</i> . <b>234</b> (2016); 294-299	5,401 (2016.)	DA
249.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . <b>6</b> (2016); 27-32	1,768 (2016.)	DA
250.	Šamec, Dunja; Valek-Žulj, Lidija; Martinez, Sanja; Grúz, Jiří; Piljac, Ante; Piljac-Žegarac, Jasenka. Phenolic acids significantly contribute to antioxidant potency of <i>Gynostemma pentaphyllum</i> aqueous and methanol extracts. // <i>Industrial crops and products</i> . <b>84</b> (2016); 104-107	3,181 (2016.)	DA
251.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of (1S, 2S)-1- phenylpropane-1, 2-diol by cell-free extract of <i>Lactobacillus brevis</i> . // <i>Green processing and synthesis</i> . <b>5</b> (2016); 153-161	0,782 (2016.)	DA
252.	Tomašegović, Tamara; Mahović Poljaček, Sanja; Leskovic, Mirela. UVA and UVC modification of photo polymeric surface and application for flexographic deposition of thin coatings. // <i>Journal of applied polymer science</i> . <b>133</b> (2016); 24; 43526-1-43526-12	1,860 (2016.)	DA
253.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Recovery of flavonoids from grape skins by enzyme-assisted extraction. // <i>Separation science and technology</i> . <b>51</b> (2016); 2; 255-268	1,106 (2016.)	DA

254.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Solid-liquid extraction of phenolics from red grape skins. // <i>Acta chimica Slovenica</i> . <b>63</b> (2016); 2; 287-297	0,983 (2016.)	DA
255.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Preiner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Multi-response optimisation of ultrasound-assisted extraction for recovery of flavonoids from red grape skins using response surface methodology. // <i>Phytochemical analysis</i> . <b>27</b> (2016); 1; 13-22	2,292 (2016.)	DA
256.	Tomić, Tatjana; Milčić, Martina; Uzorinac Nasipak, Nada; Babić, Sandra. Determination of chloride and sulfate in bio-ethanol by ion chromatography. // <i>Indian journal of chemical technology</i> . <b>23</b> (2016); 65-70	0,568 (2016.)	DA
257.	Ukrainczyk, Neven, Vrbos, Nevenka; Koenders, Eduardus A.B. Reuse of woody biomass ash waste in cementitious materials. // <i>Chemical and biochemical engineering quarterly</i> . <b>30</b> (2016); 2; 137-148	0,923 (2016.)	DA
258.	Vrsaljko, Domagoj; Bao, Xujin. Compatibilization of PUR/PVAC polymer blend by addition of calcium carbonate filler. // <i>Polymer composites</i> . <b>37</b> (2016); 4; 1274-1281	2,324 (2016.)	DA
259.	Vrsaljko, Domagoj; Grčić, Ivana; Guyon, Cédric; Schelcher, Guillaume; Tatoulian, Michael. Designing hydrophobicity of the PLA polymer blend surfaces by ICP Etching. // <i>Plasma processes and polymers</i> . <b>13</b> (2016); 869-878	2,846 (2016.)	DA
260.	Vuk, Dragana; Horváth, Ottó; Marinić, Željko; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton possessing one isolated double bond via photocatalytic oxygenation. // <i>Journal of molecular structure</i> . <b>1107</b> (2016); 70-76	1,753 (2016.)	DA
261.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . <b>510</b> (2016); 169-175	2,714 (2016.)	DA
262.	Bačić, Ivana; Mandić, Vilko; Čurković, Lidija; Otmačić-Čurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO <sub>2</sub> nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017), 1; 197-206	1,953 (2016.)	DA
263.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research international</i> . <b>24</b> (2017), 10; 9802-9812	2,741 (2016.)	NE
264.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . <b>186</b> (2017); 660-668	4,208 (2016.)	NE
265.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . <b>18</b> (2017), 11; 2292-1-2292-20	3,226 (2016.)	DA
266.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . <b>41</b> (2017), 15; 7531-7543	3,269 (2016.)	DA
267.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . <b>100</b> (2017), 6; 1647-1651	0,962 (2016.)	DA
268.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . <b>24</b> (2017), 19; 16172-16185	2,741 (2016.)	NE

269.	Bota, Josip; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . <b>31</b> (2017) , 5; 466-486	1,073 (2016.)	DA
270.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 417-424	0,923 (2016.)	DA
271.	Brnardić, Ivan; Ćurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . <b>45</b> (2017) , 7; 1600509-1-1600509-9	1,473 (2016.)	DA
272.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . <b>181</b> (2017) , 3; 948-960	1,751 (2016.)	DA
273.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . <b>136</b> (2017) ; 468-479	4,519 (2016.)	DA
274.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . <b>26</b> (2017) , 9; 2024-2037	1,277 (2016.)	DA
275.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . <b>139</b> (2017) ; 139-149	3,743 (2016.)	DA
276.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . <b>20</b> (2017) , 1; 20160172-1-20160172-14	0,564 (2016.)	NE
277.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 25; 20521-20539	2,741 (2016.)	NE
278.	Čizmić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . <b>323</b> (2017) , Part A; 500-512	6,065 (2016.)	DA
279.	Ćurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . <b>48</b> (2017) , 8; 797-802	0,524 (2016.)	DA
280.	Dolar, Davor; Drašić, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . <b>134</b> (2017) , 5; 44426-1-44426-12	1,860 (2016.)	NE
281.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . <b>116</b> (2017) ; 13-22	6,942 (2016.)	DA
282.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 375-383	0,923 (2016.)	NE

283.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . <b>60</b> (2017), 6; 1063-1069	1,685 (2016.)	NE
284.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by <sup>1</sup> H NMR spectroscopy. // <i>Energy &amp; fuels</i> . <b>31</b> (2017), 4; 3943-3948	3,091 (2016.)	DA
285.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO <sub>2</sub> photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . <b>7</b> (2017), 12; 412-1-412-16	3,553 (2016.)	DA
286.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . <b>41</b> (2017), 21; 12746-12755	3,269 (2016.)	DA
287.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO <sub>2</sub> on UV degradation behavior of TiO <sub>2</sub> reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 2; 297-306	0,586 (2016.)	DA
288.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . <b>74</b> (2017), 8; 2939-2955	1,430 (2016.)	NE
289.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO <sub>2</sub> under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . <b>67</b> (2017); 300-308	1,631 (2016.)	DA
290.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO <sub>2</sub> -chitosan coating on textile. // <i>Progress in organic coatings</i> . <b>105</b> (2017); 277-285	2,858 (2016.)	DA
291.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2,3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017); 1247-1267	4,519 (2016.)	DA
292.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . <b>71</b> (2017); 13-20	1,258 (2016.)	NE
293.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . <b>142</b> (2017); 108-115	3,473 (2016.)	DA
294.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Sveltana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . <b>178</b> (2017); 225-233	2,536 (2016.)	DA
295.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanić, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . <b>41</b> (2017), 1; 358-371	3,269 (2016.)	DA



296.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . <b>56</b> (2017) ; 270-276	4,421 (2016.)	NE
297.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . <b>81</b> (2017) ; 170-185	1,631 (2016.)	DA
298.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . <b>52</b> (2017) , 5; 864-875	1,106 (2016.)	DA
299.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . <b>182</b> (2017) , 4; 1575-1590	1,751 (2016.)	DA
300.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . <b>246</b> (2017) ; 455-460	5,401 (2016.)	NE
301.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 3; 401-411	0,586 (2016.)	DA
302.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 385-394	0,923 (2016.)	NE
303.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . <b>642</b> (2017) , 1; 29-37	0,571 (2016.)	DA
304.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO <sub>2</sub> -SnS <sub>2</sub> nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 24; 19965-19979	2,741 (2016.)	DA
305.	Kraljić Roković, Marijana; Ljubek, Gabrijela; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO <sub>2</sub> for supercapacitor application. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 289-295	0,586 (2016.)	DA
306.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO <sub>2</sub> nanocomposites for food packaging. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 4; 1387-1404	1,430 (2016.)	DA
307.	Kučić, Dajana; Simonič, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . <b>31</b> (2017) , 4; 497-507	0,923 (2016.)	DA
308.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . <b>196</b> (2017) ; 194-204	2,084 (2016.)	DA
309.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . <b>37</b> (2017) , 9; 3137-3149	3,454 (2016.)	DA
310.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovac, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO <sub>2</sub> nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 399-408	1,953 (2016.)	DA

311.	Mandić, Vilko; Plodinec, Milivoj; Kereković, Irena; Juraić, Krunoslav; Janicki, Vesna; Gracin, Davor; Gajović, Andreja; Moguš-Milanković, Andrea; Willinger, Marc Georg. Tailoring anatase nanotubes for the photovoltaic device by the anodization process on behalf of microstructural features of titanium thin film. // <i>Solar energy materials and solar cells</i> . <b>168</b> (2017) ; 136-145	4,784 (2016.)	DA
312.	Meljanac, Daniel; Juraić, Krunoslav; Mandić, Vilko; Skenderović, Hrvoje; Bernstorff, Sigrid; Plaisier, Jasper R.; Šantić, Ana; Gajović, Andreja; Šantić, Branko; Gracin, Davor. The influence of thermal annealing on the structural, optical and electrical properties of AZO thin films deposited by magnetron sputtering. // <i>Surface &amp; coatings technology</i> . <b>321</b> (2017) ; 292-299	2,589 (2016.)	DA
313.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . <b>7</b> (2017) , 2; 791-800	3,108 (2016.)	NE
314.	Mohaček Grošev, Vlasta; Vrankić, Martina; Maksimović, Aleksandar; Mandić, Vilko. Influence of titanium doping on the Raman spectra of nanocrystalline ZnAl <sub>2</sub> O <sub>4</sub> . // <i>Journal of alloys and compounds</i> . <b>697</b> (2017) ; 90-95	3,133 (2016.)	DA
315.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . <b>24</b> (2017) , 11; 10091-10106	2,741 (2016.)	DA
316.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . <b>45</b> (2017) , 7; 1700082-1-1700082-14	1,473 (2016.)	DA
317.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . <b>32</b> (2017) , 1; 102-111	0,634 (2016.)	DA
318.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electro dialysis. // <i>Biochemical engineering journal</i> . <b>125</b> (2017) ; 221-229	2,892 (2016.)	NE
319.	Panjičko, Mario; Zupančič, Gregor Drago; Fanedl, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . <b>166</b> (2017) ; 519-529	5,715 (2016.)	DA
320.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . <b>125</b> (2017) ; 722-735	4,519 (2016.)	DA
321.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamolca, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 145-154	0,586 (2016.)	DA
322.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . <b>188</b> (2017) ; 140-146	3,359 (2016.)	NE
323.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . <b>105</b> (2017) ; 386-392	2,905 (2016.)	NE
324.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . <b>181</b> (2017) ; 485-491	4,208 (2016.)	NE

325.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . <b>9</b> (2017) , 9; 387-1-387-14	3,364 (2016.)	DA
326.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . <b>166</b> (2017) ; 173-182	4,811 (2016.)	DA
327.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . <b>82</b> (2017) , 4; 411-416	0,822 (2016.)	DA
328.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . <b>9</b> (2017) ; 2305-2314	1,900 (2016.)	DA
329.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO <sub>2</sub> -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . <b>333</b> (2017) ; 117-129	2,625 (2016.)	DA
330.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borna; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . <b>52</b> (2017) , 16; 2557-2572	1,106 (2016.)	DA
331.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . <b>90</b> (2017) , 2; 197-205	0,586 (2016.)	DA
332.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . <b>2017</b> (2017) , 26; 3787-3794	2,834 (2016.)	DA
333.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . <b>13</b> (2017) , 13; 2352-2363	2,337 (2016.)	DA
334.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . <b>21</b> (2017) , 1; 201-210	1,752 (2016.)	DA
335.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Čurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science</i> . <b>52</b> (2017) , 5; 2591-2604	2,599 (2016.)	DA
336.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . <b>127</b> (2017) , 1; 371-380	1,953 (2016.)	NE
337.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Atrial fibrillation and risk of cardiovascular events and mortality in patients with symptomatic peripheral artery disease: A meta-analysis of prospective studies. // <i>Clinical cardiology</i> . <b>40</b> (2017) , 12; 1231-1235	2,757 (2016.)	DA
338.	Vrsalović, Mislav; Vučur, Ksenija, Vrsalović Presečki, Ana; Fabijanić, Damir; Milošević, Milan. Impact of diabetes on mortality in peripheral artery disease: a meta-analysis. // <i>Clinical cardiology</i> . <b>40</b> (2017) , 5; 287-291	2,757 (2016.)	DA

339.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . <b>21</b> (2017), 3; 621-636	1,752 (2016.)	DA
340.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . <b>38</b> (2017), 1; 65-77	1,751 (2016.)	DA
341.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . <b>90</b> (2017), 3; 413-424	0,586 (2016.)	DA
342.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . <b>55</b> (2017), 2; 187-196	0,891 (2016.)	DA

**Tablica 5.5.2.** Popis radova nastavnika u bazi podataka Scopus bez radova u bazi WoSCC u razdoblju 1.1.2013. – 31.12.2017. (za tablicu 5.5.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Suradnja s drugim visokim učilištima i znanstvenim organizacijama
1.	Dražević, Emil; Košutić, Krešimir. Utjecaj hidrodinamičkih uvjeta u membranskom uređaju na separacijsku učinkovitost reverzno osmotskih i nanofiltracijskih membrana. // <i>Hrvatske vode</i> . <b>85</b> (2013); 205-214	-	NE
2.	Rađenović, Ankica; Malina, Jadranka; Matijašić Gordana. The change in surface area properties of blast furnace sludge treated by citric acid. // <i>Engineering review</i> . <b>33</b> (2013); 1; 15-21	-	DA
3.	Rađenović, Ankica; Malina, Jadranka; Matijašić, Gordana; Slokar, Ljerka; Kratožil Krehula, Ljerka. Površinska svojstva čađe obrađene anorganskim kiselinama. // <i>Polimeri</i> . <b>34</b> (2013); 1; 4-8	-	DA
4.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna. Effect of silane treated and untreated talc on the properties of thermoplastic Polyurethane/Polypropilene blends. // <i>Advanced materials research</i> . <b>849</b> (2014); 121-126	-	NE
5.	Kurajica, Slanislav; Lozić, Iva; Pantaler, Martina. Thermal decomposition of calcium(II) bis(acetylacetonate) n-hydrate. // <i>Polimeri: časopis za plastiku i gumu</i> . <b>35</b> (2014); 1-2; 4-9	-	NE
6.	Movre Šapić, Iva; Bistričić, Lahorija; Volovšek Vesna; Dananić, Vladimir. Vibrational analysis of 3-Glycidoxypropyltrimethoxysilane polymer. // <i>Macromolecular symposia</i> . <b>339</b> (2014); 1; 122-129	-	DA
7.	Očelić Bulatović, Vesna; Govorčin Bajsić, Emi; Filipan, Veljko. Compatibilization of Thermoplastic polyurethane and polypropylene with a SEBS compatibilizer. // <i>Advanced materials research</i> . <b>1025-1026</b> (2014); 605-614	-	NE
8.	Faraguna, Fabio; Jukić, Ante. Novi petrokemijski procesi na temelju izravne pretvorbe metana. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 1-2; 27-37	-	NE

9.	Grčić, Ivana; Vrsaljko, Domagoj; Katančić, Zvonimir; Papić, Sanja Purification of household greywater loaded with hair colorants by solar photocatalysis using TiO <sub>2</sub> -coated textile fibers coupled flocculation with chitosan. // <i>Journal of water process engineering</i> . <b>5</b> (2015); 15-27	-	NE
10.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Preparation and photoactivity of the immobilized TiO <sub>2</sub> /chitosan layer. // <i>Chemical engineering transactions</i> . <b>43</b> (2015); 865-870	-	DA
11.	Maduna Valkaj, Karolina; Mandić, Vilko; Katović, Andrea. Katalitička oksidacija fenola uz zeolitni Cu/Y- 5 katalizator: 2. utjecaj postsintetske termičke i kemijske obrade. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 3-4; 109-116	-	DA
12.	Šabić, Monika; Vuković Domanovac, Marija; Findrik Blažević, Zvezdana; Meštrović, Ernest. Kinetika bioremedijacije farmaceutske industrijske otpadne vode. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 5-6; 229-236	-	DA
13.	Brlenić, Valentina; Kušić, Hrvoje; Juretić, Daria; Lončarić Božić, Ana. Comparative study on photooxidative treatment of diclofenac; response surface and mechanistic modeling. // <i>Journal of water process engineering</i> . <b>10</b> (2016); 78-88	-	NE
14.	Mičin, Saša; Martinež, Sanja; Malinović, Borislav; Grozdanić, Vedrana. Morphological and crystallographic characteristics of electrochemically deposited ternary alloy zinc-nickel-cobalt. // <i>Journal of chemical technology and metallurgy</i> . <b>51</b> (2016), 5; 556-562	-	DA
15.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 471-482	-	NE
16.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO <sub>2</sub> te kompozita MnO <sub>2</sub> /polipirol. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 127-136	-	DA
17.	Žužić, Andreja; Filipan, Veljko. Absorption cooling devices with LiBr/H <sub>2</sub> O as working media. // <i>Chemical engineering transactions</i> . <b>52</b> (2016); 61-66	-	NE
18.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Čizmić, Mirta. TiO <sub>2</sub> assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . <b>6</b> (2017); 34-41	-	DA
19.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . <b>57</b> (2017); 889-894	-	NE
20.	Hajdari Gretić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 11-12; 633-640	-	NE
21.	Kosar, Vanja; Kraljević, Zlatko; Radović, Marina. Modeliranje procesa umreženja izolacije izoliranih vodiča energetskih kabela. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 11-12; 591-599	-	NE
22.	Lučić Blagojević, Sanja; Zeljko, Martina; Kraljić Roković, Marijana. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: II. Mehanička svojstva, električna provodnost i toplinska postojanost. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 5-6; 241-248	-	NE
23.	Lučić Blagojević, Sanja; Zeljko, Martina; Pustak, Anđela. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: I. Morfologija i toplinska svojstva. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 3-4; 119-128	-	DA

**Tablica 6.1.** Mobilnost nastavnika i suradnika za akademsku godinu 2016./2017.

	Broj boravaka nastavnika i suradnika ovog visokog učilišta u inozemstvu			Broj boravaka inozemnih nastavnika na ovom visokom učilištu		
	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
Znanstveni	3	0	2	7	0	0
Nastavni	0	0	0	0	0	0
Stručni	1	0	0	1	0	0

Podaci iz materijala za sjednice Fakultetskog vijeća u navedenom razdoblju.

**Tablica 6.2.** Mobilnost studenata za akademsku godinu 2016./2017.

	Broj studenata u međunarodnoj razmjeni		
	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
Studenti ovoga visokog učilišta	5	22	2
Strani studenti	5	12	1

Podaci iz materijala za sjednice Fakultetskog vijeća u navedenom razdoblju.

Nisu uključene studentske prakse preko IAESTE.

**Tablica 6.3.** Mobilnost nenastavnog osoblja za akademsku godinu 2016./2017.

Broj stručnih boravaka nenastavnog osoblja ovog visokog učilišta u inozemstvu		
1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
0	0	0

**Tablica 7.1.** Zgrade u kojima djeluje Fakultet (nisu u njegovu vlasništvu)

Identifikacija zgrade	Lokacija zgrade	Godina izgradnje	Godina dogradnje ili rekonstrukcije	Ukupna površina prostora za obavljanje djelatnosti visokog obrazovanja (m <sup>2</sup> )	Ukupna površina prostora za obavljanje znanstvenih istraživanja (m <sup>2</sup> )	
					Laboratorij	Knjižnica
Fakultet kemijskog inženjerstva i tehnologije, Marulićev trg 19	Marulićev trg 19	1932.		2.451,17	614,79	
Fakultet kemijskog inženjerstva i tehnologije, Marulićev trg 20	Marulićev trg 20	1918.		4.441,50	1.416,88	204,01
Fakultet kemijskog inženjerstva i tehnologije, Savska cesta 16	Savska cesta 16	1910.		2.803,31	571,99	
Fakultet kemijskog inženjerstva i tehnologije, Savska cesta 16/dvorište	Savska cesta 16/5A, dvorište	1950.	1980.	197,10	91,28	

**Tablica 7.2.** Predavaonice i računalne učionice

Identifikacija zgrade	Redni broj ili oznaka predavaonice	Površina (m <sup>2</sup> )	Broj sjedećih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	MKM 19/3001	70,48	45	Zim. sem. 33 Ljet. sem. 38	4
Marulićev trg 19/podrum	P1KM 19/3008	37,32	24	Zim. sem. 30 Ljet. sem. 38	5
Marulićev trg 19/podrum	P2KM 19/3007	19,20	12	Zim. sem. 30 Ljet. sem. 38	5
Marulićev trg 19/prizemlje	MKV 19/3002	192,20	150	Zim. sem. 40 Ljet. sem. 40	5
Marulićev trg 20/podrum	P1KV-20/3116 i 3117	131,90	30	Zim. sem. 40 Ljet. sem. 40	5
Marulićev trg 20/podrum	1514	34,98	24	Zim. sem. 20 Ljet. sem. 20	4
Marulićev trg 20/prizemlje	MKV 20/3102	82,00	120	Zim. sem. 37 Ljet. sem. 40	4
Marulićev trg 20/I	MKM 20/3101	61,57	40	Zim. sem. 37 Ljet. sem. 26	4
Savska 16/podrum	S-P/3201	41,13	32	Zim. sem. 37 Ljet. sem. 41	3
Savska 16/podrum	S-P2/3210	23,48	6	Zim. sem.35 Ljet. sem. 40	3
Savska 16/prizemlje	S-0/3214	36,77	24	Zim.sem. 36 Ljet. sem. 26	5
Savska 16/I	S-1/3204	70,69	80	Zim. sem. 45 Ljet. sem. 51	4
<b>Ukupno</b>		<b>669,82</b>	<b>581</b>		
<b>Računalne učionice</b>					
Marulićev trg 20/III	UR/3112	55,51	6	Zim. sem. 40 Ljet. sem. 40	3
Savska 16/prizemlje	UR/3202	62,09	24	Zim. sem. 47 Ljet. sem. 40	5
<b>Ukupno</b>		<b>117,6</b>	<b>44</b>		

**Tablica 7.3.** Laboratoriji/praktikumi koji se koriste u nastavi

Identifikacija zgrade	Interni oznaka prostorije (laboratorija/praktikuma)	Površina (m <sup>2</sup> )	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	Laboratorij studentski III (2304)	51,73	12	34	5
Marulićev trg 19/podrum	Prostorija za pripremu/sterilizaciju (2305)	15,31			5
Marulićev trg 19/prizemlje	Laboratorij studentski (1109)	96,53	32	30	3
Marulićev trg 20/podrum	Laboratorij studentski III (1320)	160,57	24	20	3
Marulićev trg 20/podrum	Laboratorij IV (1616)	37,09	6	14	2
Marulićev trg 20/podrum	Laboratorij II (1509)	74,41	24	20	3
Marulićev trg 20/prizemlje	Laboratorij I (1210)	164,84	48	40	2
Marulićev trg 20/prizemlje	Laboratorij II (1209)	164,85	32	20	2
Marulićev trg 20/prizemlje	Laboratorij za instrumentalnu i procesnu analizu (1202)	78,91	10	30	3
Marulićev trg 20/prizemlje	Laboratorij za kemijsku analizu okoliša (1205)	53,12	5	50	4
Marulićev trg 20/prizemlje	Laboratorij I (1306)	56,30	8	40	4
Marulićev trg	Laboratorij znanstveno istraživački III	33,30	6	32	4



Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m <sup>2</sup> )	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
20/I	(1605)				
Marulićev trg 20/I	Laboratorij kemijski II (1604)	47,50	10	32	4
Marulićev trg 20/I	Laboratorij za strukturnu karakterizaciju materijala I (1602)	24,57	6	175	4
Marulićev trg 20/I	Laboratorij reverzna osmoza (1404)	34,04	2	24	4
Marulićev trg 20/I	Laboratorij polimeri I (1402)	34,13	6	26	3
Marulićev trg 20/I	Laboratorij I (1502)	96,12	24	28	3
Marulićev trg 20/III	Laboratorij II (1314)	84,90	12	40	4
Marulićev trg 20/III	Laboratorij fizikalno kemijski III (1409)	115,27	24	20	3
Marulićev trg 20/III	Laboratorij za koroziju (1413)	66,79	12	8	2
Marulićev trg 20/III	Laboratorij II (1314)	84,90	12	40	4
Savska cesta 16/podrum	Laboratorij za karakterizaciju naftnih proizvoda III (2010)	26,26	8	30	1
Savska cesta 16/podrum	Laboratorij II (1706)	72,83	10	10	4
Savska cesta 16/podrum	Laboratorij V (1717)	18,00	16	10	4
Savska cesta 16/podrum	Laboratorij IV1709	18,07	6	10	3
Savska cesta 16/prizemlje	Laboratorij I (1702)	38,70	10	20	4
Savska cesta 16/prizemlje	Laboratorij VI1718	20,00	6	10	3
Savska cesta 16/prizemlje	laboratorij I (1702)	38,70	10	20	4
Savska cesta 16/prizemlje	Laboratorij (3501)	7,61	2	20	2
Savska cesta 16/I	Laboratorij I (1802)	24,50	2	40	4
Savska cesta 16/I	Laboratorij za poluvodiče II (1807)	19,55	2	20	5
Savska cesta 16/I	Laboratorij elektrokemije III (1819)	52,20	15	40	3
Savska cesta 16/I	Laboratorij inženjerstva IV (1821)	52,85	15	40	4
Savska cesta 16/II	Laboratorij za polimere i polimerizacijske procese I (1909)	51,09	18	20	2
Savska cesta 16/II	Laboratorij za bojila i premaze II (1911)	49,46	15	20	3
Savska cesta 16/II	Laboratorij za ekoinženjerstvo III (1916)	17,27	5	40	4
Savska cesta 16/II	Laboratorij za petrokemijsko inženjerstvo I (2008)	22,86	5	40	3
Savska cesta 16/III	Laboratorij za sonooksidacijske procese VII (1930)	12,40	2	20	4
Savska cesta 16/III	Laboratorij FTIR-TGA IV (1928)	12,03	2	40	4
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale VI (1923)	11,54	2	25	5
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale V (1922)	10,54	2	25	5
Savska cesta 16/III	Laboratorij za naftno procesno inženjerstvo II (2009)	34,21	5	40	3
Savska 16/III	Laboratorij za adheziju i adhezive I (2406)	12,60	6	25	5
Savska cesta 16/5A	Laboratorij II (2107)	34,48	4	4	4
Savska cesta 16/5A	Laboratorij studentski I (2101)	56,80	12	10	4
<b>Ukupno</b>		<b>2289,73</b>			

**Tablica 7.4.** Nastavne baze (radilišta) za praktičnu nastavu

Identifikacija zgrade	Naziv nastavne baze (radilišta)	Broj studenata koji pohađaju pojedinu nastavnu bazu	Broj sati nastave (tjedno) koja se održava u pojedinoj nastavnoj bazi
-	0	0	0

Napomena: Fakultet ne raspolaže s nastavnim bazama (radilištima) za praktičnu nastavu.

**Tablica 7.5.** Opremljenost računalnih učionica

Identifikacija zgrade	Broj novih računala (do 3 godine)	Broj računala starijih od 3 godine	Ocjena funkcionalnosti (1 - 5)	Ocjena održavanja (1 - 5)	Ocjena mogućnosti korištenja izvan nastave
Savska 16/prizemlje	25	0	5	5	2
Marulićev trg 20/III	0	6	3	5	5
Marulićev trg 19/prizemlje	66	0	150	5	5

**Tablica 7.6.** Nastavnički kabineti

Identifikacija zgrade	Broj nastavničkih kabineta	Prosječna površina (m <sup>2</sup> )	Ocjena opremljenosti (1 - 5)	Prosječna površina (m <sup>2</sup> ) po stalno zaposlenom nastavniku/suradniku
Marulićev trg 19/ podrum	7	18,56	3	14,43
Marulićev trg 20/prizemlje	17	16,79	4	11,89
Marulićev trg 20/I	14	15,26	4	12,56
Marulićev trg 20/III	10	13,95	3	11,63
Savska cesta 16/podrum	1	25,29	4	12,65
Savska cesta 16/prizemlje	13	14,75	4	11,28
Savska cesta 16/I	9	15,39	3	15,39
Savska cesta 16/II	13	17,24	3	14,94
Savska cesta 16/III	10	14,71	5	13,37
Savska cesta 16/5A	3	14,86	4	14,86
<b>Ukupno</b>	<b>97</b>	<b>15,56</b>	<b>4</b>	<b>13,05</b>

**Tablica 7.7.** Prostor koji se koristi samo za znanstveno-istraživački rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m <sup>2</sup> )	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	Laboratorij mikrobiološki I (2302)	14,19	40	4
Marulićev trg 19/podrum	Laboratorij za vode II (2303)	18,62	25	3
Marulićev trg 19/podrum	Laboratorij za kompostiranje IV (2308)	17,82	20	5
Marulićev trg 19/podrum	Laboratorij za spektrometriju masa (1120)	21,34	40	5
Marulićev trg 20/podrum	Laboratorij 3 (1512)	20,85	10	4
Marulićev trg 19/prizemlje	Istraživački laboratorij (1105)	52,56	40	3
Marulićev trg 20/III	Laboratorij instrumentalni II (1315)	11,75	40	3
Marulićev trg 20/III	Laboratorij instrumentalni III (1316)	16,95	40	3
<b>Ukupno</b>		<b>174,11</b>		

**Tablica 7.8.** Prostor koji se koristi samo za stručni rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m <sup>2</sup> )	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	laboratorij III (1115)	54,29	40	3
Marulićev trg 19/podrum	laboratorij II (1116)	18,58	40	2
Marulićev trg 19/podrum	laboratorij I (1117)	36,28	40	2
Ukupno		<b>109,15</b>		

**Tablica 7.9.** Kapitalna oprema

Naziv instrumenta (opreme)	Nabavna vrijednost (kn)	Godine starosti
Induktivno spregnuta plazma maseni spektrometar (ICP-MS)	1.445.936,00	13
Infracrveni spektrofotometar s Fourierovom transformacijom signala povezan na toplinske metode za simultanu plinsku analizu – FTIR-TG-DSC/DTA-EGA analiza	973.752,00	8
Rendgenski difraktometar	600.000,00	4
Uređaj za plinsku adsorpcijsko-desorpcijsku analizu (Mettler Toledo, ASAP 2000)	242.552,00	27
Laserski difraktometar za određivanje raspodjele veličina čestica (Shimadzu, SALD-3101)	490.000,00	6
Sušionik s raspršivanjem (Büchi, B-290)	250.000,00	7
Tekućinski kromatograf visoke djelotvornosti (HPLC)	812.238,00	5
Ionski kromatograf	407.566,00	8
Tekućinski kromatograf visoke djelotvornosti sa spektrometrom masa (HPLC-MS/MS)	1.000.000,00	7
Tekućinski kromatograf visoke djelotvornosti / analitičko-preparativni sustav (HPLC)	309.208,00	10
Plinski kromatograf sa spektrometrom masa (GC/MS)	540.292,00	13
Elektronski mikroskop (Tescan SEM)	1.000.000,00	4
Plinski kromatograf (GC)	209.321,00	4
Uređaj za elektrokemijska mjerenja – PAR	405.305,51	26
Uređaj za elektrokemijska mjerenja – Solartron	254.345,00	12
Uređaj za elektrokemijsku impedancijsku spektroskopiju	228.400,35	13
Valno disperzivni rendgenski spektrometar	496.540,00	9
Tekućinski kromatograf isključenjem po veličini (SEC)	280.196,00	13
Infracrveni spektrofotometar s Fourierovom transformacijom signala (FTIR)	254.269,00	8
Analizator sadržaja organskih halogenida	311.958,00	13
Dinamičko-mehanički analizator (DMA)	288.765,00	15
Termogravimetar	270.000,00	7
Diferencijalni pretražni kalorimetar (DSC)	210.100,00	10
Diferencijalni pretražni kalorimetar (DSC)	210.100,00	9
Goniometar	241.540,00	12
Sustav za termografsku dijagnostiku	449.963,00	13

**Tablica 7.10. Opremljenost knjižnice**

Ukupna površina (m <sup>2</sup> )		Broj zaposlenih	Broj sjedećih mjesta	Broj studenata koji koriste knjižnicu		Postoji li računalna baza podataka vaših knjiga i časopisa	
196*		1	14	Većina		Da	
Broj naslova knjiga	Broj udžbenika	Ocjena suvremenosti knjiga i udžbenika (1 - 5)	Broj naslova inozemnih časopisa	Broj naslova domaćih časopisa	Ocjena funkcionalnosti kataloga knjiga i časopisa	Ocjena opremljenosti (1 - 5)****	Ocjena kvalitete i dostupnosti elektroničkih sadržaja (1 - 5)*****
19111	193 (broj naslova) 735 primjeraka**	4	3 u 2017. 383 ukupno***	1 u 2017. 50 ukupno***	5	5	4

\* Službeni podatak iz tlocrta (prosinac 2012.)

\*\* Broj udžbenika podrazumijeva sve udžbenike bez obzira na broj primjeraka

\*\*\* Ukupan broj naslova

\*\*\*\* Mogućnosti kopiranja za nastavnike i studente, nabava kopija iz drugih knjižnica, katalogi radova nastavnika itd.

\*\*\*\*\* Pod elektroničkim se sadržajima podrazumijevaju elektronička izdanja knjiga, časopisa, baze podataka, ali i katalogi vlastite i vanjskih knjižnica.

5.2. kao Prihodi po posebnim propisima

**Tablica 7.11. Financijska evaluacija**

	PRIHODI	2015.	2016.	2017.
		kalendarska godina (kn)	kalendarska godina (kn)	kalendarska godina (kn)
1.	PRIHODI IZ DRŽAVNOG PRORAČUNA (AOP 130PR-RAS)-odjeljak 6711	30,122,847	30,308,080	31,256,615
1.1.	Plaće za zaposlene- bruto II -COP obračun	24,974,275	25,821,233	26,211,125
1.2.	Troškovi poslovanja (uključivo i terenska nastava)	649,993	683,562	765,189
1.3.	Vanjska suradnja u nastavi	95,485	18,561	0
1.4.	Domaći znanstveni projekti- potpore istraživanjima	619,041	603,000	442,895
1.5.	Međunarodni znanstveni projekti -6393 – vidi točka 3.2	10,700	0	0
1.6.	Međunarodna suradnja -6391 – vidi točka 3.2	0	0	0
1.7.	Participacija školarine- u 2015 - 6526 Posebni propisi	0	2,459,429	3,028,418
1.8.	Nabava časopisa	0	0	0
1.9.	Tekuće održavanje	0	0	0
1.10.	Izgradnja i investicijsko održavanje	200,000	0	200,000
1.11.	Oprema	0	0	0
1.12.	Ukupno ostale vrste prihoda ( sistematski pregledi, potpore po TKU, jubilarne nagrade, programi studenata)	3,573,353	740,856	608,988
		-		
2.	PRIHODI IZ PRORAČUNA OSTALIH JAVNIH IZVORA	0	0	0
2.1.	Prihodi i pomoći od jedinica lokalne uprave i samouprave (grad, županija itd.)	0	0	0
2.2.	Prihodi i pomoći ostalih subjekata	0	0	0
2.3.	Ukupno ostale vrste (specificirati)	0	0	0
3.	PRIHODI PO SKUPINI 63, 64 i 72	1,340,810	1,007,062	1,285,254
3.1.	Prihodi od kamata (AOP 071 PR-RAS, skupina 64)	11,226	5,280	601
3.2.	Prihodi od bilateralnih i EU projekata (AOP 047, skupina 63)	1,297,668	982,717	1,264,740
3.3.	Prihod od otplate stanova (AOP 296, skupina 72)	31,916	19,065	19,913
				-
4.	PRIHODI OD VLASTITE DJELATNOSTI (AOP 124 PR-RAS)-rn 661	3,579,574	2,412,751	2,151,730
4.1.	Školarine – poslijediplomske specijalističke	105,600	256,003	197,600
4.2.	Školarine – poslijediplomske doktorske	199,000	467,654	262,993
4.3.	Znanstveni projekti Hrvatske zaklade za znanost 2015.	1,843,875	0	0

4.4.	Stručni projekti – sufinanciranje projekata	77,335	36,735	32,000
4.5.	Prihodi od najma	0	0	0
4.6.	Ukupno ostale vrste prihoda (radionice i ostali vlastiti prihodi)	205,411	274,381	246,927
4.7.	Prihod od skriptarnice	6,080	4,400	7,255
4.8.	Prihod od kotizacija	166,909	193,489	91,777
4.9.	Prihod od suradnje	981,187	1,180,089	1,313,178
5.	PRIHODI PO POSEBNIM PROPISIMA (AOP 102, skupina 65)	3,679,713	4,359,263	5,125,746
5.1.	Školarine – preddiplomske, diplomske, stručne	1,947,166	1,786,617	1,414,203
5.2.	Dodatna provjera posebnih znanja, vještina i sposobnosti (ako se provodi uz ispite državne mature)	0	0	0
5.3.	Naknade za upis	114,860	113,950	114,900
5.4.	Izdavačka djelatnost	0	0	0
5.5.	Naplate studenskih molbi, potvrdnica, diplome, indeksi itd.	138,603	82,668	91,263
5.6.	Ukupno ostale vrste prihoda (prihod za realizaciju ciljeva i ostali namjenski prihodi, osiguranje studenata, kazna za nezapošljavanje invalida)	85,174	334,164	171,350
5.7.	Participacija školarine Sveučilište (izvor 11- račun 6711) za 2016. i 2017.	1,402,010	0	0
5.8.	Prihodi od Hrvatske zaklade za znanost - t. 4.3./2015.	0	2,041,864	3,334,030
6.	OSTALI (NESPOMENUTI) PRIHODI (donacije)AOP 127	34,324	56,800	25,102
6.1.	Donacije (obrazac PR-RAS, podskupina 663)	37,324	56,800	25,102
6.2.				-
A	<b>UKUPNO PRIHODI POSLOVANJA (AOP 598 PR-RAS)</b>	<b>38,757,268</b>	<b>38,143,956</b>	<b>39,844,447</b>

	RASHODI	2015.	2016.	2017.
		kalendarska godina (kn)	kalendarska godina (kn)	kalendarska godina (kn)
1.	RASHODI ZA ZAPOSLENE (skupina 31)	26,999,722	29,318,435	28,979,204
1.1.	Plaće za zaposlene (AOP 1350PR-RAS, podskupina 311)	22,719,235	24,471,129	24,143,364
1.2.	Vanjska suradnja u nastavi	226,805	112,389	123,928
1.3.	Ukupno ostalo (doprinosi na plaće, oporezive potpore, otpremnine)	4,053,682	4,734,917	4,711,912
1.3.1.	Materijalni rashodi (skupina 32)	7,859,821	8,195,957	8,191,340
1.3.2.	Financijski rashodi (skupina 34)	40,602	71,289	77,408
1.3.3.	Naknade i ostali rashodi (skupina 37 i 38)	45,200	127,273	128,990
2.	RASHODI ZA MATERIJAL I ENERGIJU (podskupina 322)	2,272,983	2,394,008	2,752,885

2.1.	Uredski materijal i ostali materijalni rashodi	337,394	297,578	318,851
2.2.	Laboratorijski materijal (kemikalije, kolone i potrošni materijal)	573,845	620,305	863,916
2.3.	Energija	998,967	844,644	784,750
2.4.	Materijal i dijelovi za tekuće i investicijsko održavanje	92,057	202,837	191,361
2.5.	Sitni inventar	239,411	399,834	556,088
2.6.	Ukupno ostalo (račun 3227 radna i zaštitna odjeća)	31,309	28,810	37,919
		0	0	0
3.	RASHODI ZA USLUGE (podskupina 323)	3,348,483	3,476,426	3,330,204
3.1.	Telefon, pošta, prijevoz	105,048	90,470	86,618
3.2.	Usluge tekućeg i investicijskog održavanja	872,307	1,480,118	1,309,871
3.3.	Promidžba i informiranje	85,922	151,829	106,796
3.4.	Komunalne usluge	468,737	499,953	497,952
3.5.	Zakup, najam	119,802	113,062	174,425
3.6.	Intelektualne i osobne usluge (ugovori o djelu, honorari, pravne i ostale usluge) - (rn 3237 AOP 181)	1,285,389	720,177	630,888
3.7.	Računalne usluge	213,635	180,181	244,678
3.8.	Ukupno ostalo (zdravstvene i ostale usluge rn 3236 i 3239)	197,644	240,636	278,976
		0	0	0
4.	RASHODI ZA NEFINANCIJSKU IMOVINU (skupina 42 i 45)	1,412,739	1,117,009	1,930,568
4.1.	Poslovni objekti	0	0	0
4.2.	Računalna oprema	0	0	0
4.3.	Laboratorijska oprema	997,162	482,715	737,280
4.4.	Uredska oprema	276,244	601,986	725,213
4.5.	Komunikacijska oprema	0	0	0
4.6.	Ostala oprema			19,435
4.7.	Literatura	48,501	13,949	68,314
4.8.	Ulaganja u postrojenja, strojeve i ostalu opremu	0	0	0
4.9.	Dodatna ulaganja na građevinskim objektima (skupina 45)	0	0	380,326
4.10.	Ukupno ostalo (ulaganja u računalne programe)	90,832	18,359	0
		0	0	0
5.	NAKNADE TROŠKOVA ZAPOSLENIMA (AOP 139 i 146, podskupina 312 i 321 PR-RAS)	1,886,989	2,324,945	2,249,612
5.1.	Službena putovanja	452,047	517,400	439,736
5.2.	Stručna usavršavanja	150,901	190,537	173,583
5.3.	Ukupno ostalo uključujući i troškove prijevoza	887,009	864,612	907,005
5.4.	Ostali rashodi za zaposlene - 312	397,032	752,396	729,288

<b>6.</b>	OSTALI NESPOMENUTI RASHODI POSLOVANJA (AOP 171 PR-RAS, podskupina 329 – (6.1 do 6.3.)			603,724
<b>6.1.</b>	Premije osiguranja	72,631	61,701	15,701
<b>6.2.</b>	Reprezentacija	83,564	152,622	144,252
<b>6.3.</b>	Članarine, pristojbe i naknade i ostali (rn 3295 i 3299)	416,599	254,649	122,703
<b>6.4.</b>	Bankarske i usluge platnog prometa - skup. 34	24,395	22,197	28,390
<b>6.5.</b>	Kamate -skupina 34	3	534	0
<b>6.6.</b>	Ostali financijski izdaci (negativne tečajne razlike i ostali AOP 194 i 196)	355	789	336
<b>6.7.</b>	Naknade troškova osobama izvan radnog odnosa (AOP 169 PR-RAS, podskupina 324)	148,608	255,036	292,342
<b>7.</b>	Ukupni rashodi poslovanja - RAČUN 3 AOP 148 PRRAS	34,945,345	37,712,945	37,376,942
<b>B</b>	UKUPNO RASHODI POSLOVANJA (AOP 630 PR-RAS)	36,358,084	38,829,963	39,307,510
	Manjak 31. 12. (AOP 632)/ Višak AOP 631	2,399,184	- 686,007	536,937
<b>C</b>	Preneseno stanje iz prethodne godine	962,307	1,980,668	1,294,661
	UKUPNO STANJE 31. 12. (A-B+C) = AOP 604 PR-RAS obrasca	3,361,491	1,294,661	1,831,598

**BILJEŠKE UZ GODIŠNJE FINANCIJSKO IZVJEŠĆE**  
(od 01. 01. 2017. do 31.12. 2017.)

**A) OBRAZAC PR-RAS**

1. Index prihoda poslovanja AOP 043, u odnosu na 2016. godinu iznosi 128,7%, što je vezano za prihode financirane iz EU fondova, po izvoru financiranja - šifra 51. Isti se troše strogo namjenski i priznati su u visini realiziranih rashoda u razdoblju siječanj - prosinac 2017. godine. Veći prihodi rezultat su prijenosa između proračunskih korisnika po odjeljku 6393 u iznosu od 295.790,00 kn.
2. Prihodi po skupini 65, AOP 105, veći su 17,6% u odnosu na iste ostvarene tijekom 2016. godine, uslijed prihoda od Hrvatske zaklade za znanost, u iznosu od 3.334.030,43 kn; konto 6526802.
3. Rashodi na AOP 246 veći su zbog troškova PDS - studija naših zaposlenika plaćenih drugim Fakultetima (dio se odnosi na Prirodoslovno - matematički Fakultet u Sarajevu.)
4. Rashodi za nabavu nefinancijske imovine veći su u odnosu na iste realizirane u prethodnoj godini, zbog nabavke uredske, računalne i laboratorijske opreme, te zbog dodatnih ulaganja na objektima što je vidljivo na skupini 42 i 45 PRRAS obrasca, veza AOP 354 i AOP 393.
5. Višak prihoda na AOP 405 odnosi se na prihode po izvoru 43 koji će se namjenski utrošiti za realizaciju projekata financiranih sredstvima HRZZ-a.

**B) OBRAZAC BILANCA**



6. Imovina AOP 001, odnosno aktiva, veća je za 2,9 % u odnosu na 2016. godinu, zbog dodatnih ulaganja na objektu Marulićev trg 19, te nabavku laboratorijske, računalne i uredske opreme.

7. Financijska imovina, odnosno novac na računu kod tuzemnih poslovnih banaka, veći je za 17,9% zbog namjenskog prihoda na deviznom računu koji je otvoren u svrhu realizacije projekta financiranog iz EU fondova; AOP 067. Namjenska sredstva za realizaciju troškova u sljedećoj godini iznose 400.295,38 kn.

8. Uspješnom naplatom, potraživanja su smanjena na skupini 16. Sukladno Proceduri naplate potraživanja, dostavljaju se opomene i provodimo druge mjere naplate, tako da se od ukupnih potraživanja, 48,51% odnosi na dospjela potraživanja do 31. prosinca 2017.

9. Fakultet uredno podmiruje svoje obaveze raspoloživim sredstvima po svim izvorima financiranja, a dospjele obaveze za rashode poslovanja u cijelosti su podmirene temeljem vjerodostojne dokumentacije u siječnju 2018. godine. Pokazatelji su vidljivi na AOP 275 do AOP 278.

#### C) OBRAZAC RAS funkcijski

10. Na AOP 110 prikazani su ukupni rashodi na razini fiskalne godine. Isti su rezultat provođenja visokoškolskog obrazovanja po svim studijima.

11. Ulaganje u istraživanje i razvoj, veza AOP 123 iznosi 32,87% ukupnih troškova realiziranih u 2017. godini. Pretežno su to projekti financirani sredstvima izvan općeg proračuna (izvor 31; 43 i 51), dok namjenska sredstva za Potpore istraživanjima po izvoru 11 iznose samo 442.894,55 kn.

#### C) OBRAZAC P-VRIO

12. AOP 019, odnosno AOP 021 prikazuje smanjenje proizvedene imovine zbog prijenosa iste kod poslovnog partnera, radi zajedničkog istraživanja i rada na projektu financiranom sredstvima Hrvatske zaklade za znanost. Sukladno propisima, na računu 91512 evidentirana je primljena dugotrajna imovina bez naknade od poslovnog partnera, što se odnosi na povećanje imovine.

#### D) OBRAZAC OBVEZE

13. Izvještaj o obvezama prikazuje dugovni saldo računa 2 po određenim skupinama i predstavlja podmirene obaveze u razdoblju siječanj – prosinac 2017. godine, u ukupnom iznosu prikazanom na AOP oznaci 019.

**POTVRDA**  
**o preuzetom financijskom izvještaju**  
**proračuna, proračunskih i izvanproračunskih korisnika**

RKP: 1790    OIB: 71259740533    Matični broj: 03250270  
 Razdoblje: 2017-12  
 Naziv: FAKULTET KEMIJSKOG INŽENJERSTVA I TEHNOLOGIJE  
 Adresa: 10000, ZAGREB, MARULIČEV TRG 19  
 Kontrolni broj: 780.581.787,94

**Popis izvještaja preuzetih od obveznika:**

Razina i naziv izvještaja (Vrsta posla)	Datum prve dostave	Datum dostave	Datum učitavanja	Kontrolni broj izvještaja	Datum slanja na obradu
R11 PR-RAS(151)	30.01.2018.	30.01.2018.	30.01.2018.	598.515.495,90	30.01.2018.
R11 BILANCA(152)	30.01.2018.	30.01.2018.	30.01.2018.	126.811.271,15	30.01.2018.
R11 RAS-funkcijski(154)	30.01.2018.	30.01.2018.	30.01.2018.	52.418.385,64	30.01.2018.
R11 P-VRIO(156)	30.01.2018.	30.01.2018.	30.01.2018.	5.867,79	30.01.2018.
R11 OBVEZE(159)	30.01.2018.	30.01.2018.	30.01.2018.	2.830.767,47	30.01.2018.

Potvrda služi kao dokaz predaje financijskog izvještaja. Fina je dužna svakom korisniku koji je dostavio izvještaj po učitavanju izvještaja i slanju na obradu izdati potvrdu primitka.

U slučaju oštećenja Excel datoteke ili medija na kojem je dostavljena, obveznik je dužan dostaviti ispravnu datoteku jer se potvrda ne može izdati bez učitavanja datoteke.

Ako se logičkom i računskom kontrolom utvrdi da je u Finu dostavljen nepotpun i/ili netočan izvještaj, obvezniku se ne izdaje potvrda već samo ispis pogrešaka i upozorenja. Obveznik je u tom slučaju dužan dopuniti/ispraviti financijski izvještaj, u roku propisanom za predaju za razdoblje izvještavanja.

Samo se točan izvještaj šalje na obradu. Ako predani izvještaj nije točan ili nije potpun, a ispravak nije dostavljen u roku, smatrat će se da obveznik izvještaj nije ni predao. Kod naknadne predaje ispravka izvještaja, a ispravak je predan u roku za obradu, datumom primitka će se smatrati datum prve dostave ispravnog obrasca u Finu

Ispis financijskog izvještaja Fina izdaje uz naknadu samo vlasniku podataka, a uz suglasnost Ministarstva financija ili vlasnika podataka ispis može dostaviti i drugim tražiteljima. Sva dodatna pitanja uputite na adresu e-pošte: rgfi@fina.hr

Mjesto primitka: **OZALJSKA 10, poslovica: 30104**

Operater unosa: **MARINKA ILIC, telefon: 6128-418**

Ovjera Fine

