



University of Zagreb
Faculty of Chemical
Engineering and Technology



Godišnja samoanaliza
Sveučilišta u Zagrebu
Fakulteta kemijskog inženjerstva i tehnologije
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II. STUDIJSKI PROGRAMI

Tablica 2.1. 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
2016./2017.	3,90	4,23
2017./2018.	4,01	4,03
2018./2019.	nije dostavljeno od Sveučilišta	nije dostavljeno od Sveučilišta
2019./2020.	3,26	3,47
2020./2021.	3,71	3,95
2021./2022.	3,39	4,17
2022./2023.	3,26	3,98

III. NASTAVNI PROCES I PODRŠKA STUDENTIMA

Tablica 3.1. Broj studenata po studijskom programu u akademskoj godini 2024./2025.

Naziv studijskog programa	Redoviti studenti	Izvanredni studenti
Chemical and Environmental Technology (1488), diplomski sveučilišni studij, Zagreb	4	0
Ekoinženjerstvo (1706), poslijediplomski specijalistički studij, Zagreb	0	25
Kemijsko inženjerstvo (1710), preddiplomski sveučilišni studij, Zagreb	300	0
Kemijsko inženjerstvo (1711), diplomski sveučilišni studij, Zagreb	114	0
Kemija i inženjerstvo materijala (1712), preddiplomski sveučilišni studij, Zagreb	162	0
Kemija i inženjerstvo materijala (1713), diplomski sveučilišni studij, Zagreb	87	0
Primijenjena kemija, smjerovi: Kemija u zaštiti okoliša i izvori energije, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1714), preddiplomski sveučilišni studij, Zagreb	190	0
Primijenjena kemija, smjerovi: Kemija u zaštiti okoliša i izvori energije, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1715), diplomski sveučilišni studij, Zagreb	85	0
Ekoinženjerstvo (1716), preddiplomski sveučilišni studij, Zagreb	79	0
Ekoinženjerstvo (1717), diplomski sveučilišni studij, Zagreb	35	0
Kemijsko inženjerstvo i primijenjena kemija (1719), poslijediplomski sveučilišni (doktorski) studij, Zagreb	0	153
Ukupno	1056	178

Tablica 3.2. Struktura upisanih studenata i zanimanje za preddiplomske studijske programe u tekućoj i posljednjih pet godina – referada nema podatke- sve se nalazi u Postani student

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2024./2025.	499	66	80	80+3 stranca	80	-	-	-	71	4,51	9	4,60	0	0
2023./2024.	499	76	63	80+3 stranca	80	-	-	-	72	4,57	8	4,55	0	0
2022./2023.	476	48	58	55+3 stranca	55	-	-	-	48	4,62	7	4,57	0	0
2021./2022.	456	63	69	55+3 stranca	55	-	-	-	50	4,63	5	4,60	-	-
2020./2021.	468	63	60	55+3stranca	55	-	-	-	50	4,58	5	4,24	0	0
2019./2020.	518	41	90	55 + 3 stranca	55	-	-	-	48	-	7	-	0	-
2018./2019.	690	75	60	55 + 3 stranca	55	-	-	-	36	-	6	-	13	-
2017./2018.	666	74	74	55 + 3 stranca	56	-	-	-	51	4,61	5	4,78	0	0,00

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2024./2025.	207	37	27	55+3 stranca	37	-	-	-	25	4,30	12	4,48	0	0
2023./2024.	239	50	30	55+3 stranca	56	-	-	-	38	4,367	17	4,545	1	4,320
2022./2023.	223	26	39	55+3 stranca	54	-	-	-	40	4,22	14	4,33	0	0
2021./2022.	224	42	40	55+3 stranca	55	-	-	-	43	4,42	12	4,33	-	-
2020./2021.	240	44	36	55+3 stranca	55	-	-	-	44	4,4	11	4,52	-	-
2019./2020.	215	37	30	55 + 3 stranca	54	-	-	-	44	-	10	-	-	-
2018./2019.	336	32	49	55 + 3 stranca	55	-	-	-	34	-	8	-	13	-
2017./2018.	380	39	57	55 + 3 stranca	55	-	-	-	49	4,50	5	4,03	1	4,97

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2024./2025.	85	5	11	30+2 stranca	6	-	-	-	5	3,92	1	4,58		
2023./2024.	136	12	19	30+2 stranca	20	-	-	-	10	4,529	9	4.266	1	4,410
2022./2023.	155	13	16	55+2 stranca	22	-	-	-	17	4,30	5	4,55	0	0
2021./2022.	150	21	23	55+2 stranca	40	-	-	-	33	4,20	7	4,12	-	-
2020./2021.	207	31	36	55+2 stranca	55	-	-	-	40	4,14	15	4,54	-	-
2019./2020.	195	33	24	55 + 2 stranca	55	-	-	-	47	-	8	-	-	-

2018./2019.	430	55	42	55 + 2 stranca	55	-	-	-	34	-	9	-	12	-
2017./2018.	468	55	51	55 + 2 stranca	54	-	-	-	46	4,33	8	4,18	0	0,00

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2024./2025.	301	48	39	55+2 stranca	55	-	-	-	37	4,52	17	4,45	1	3,24
2023./2024.	329	48	40	55+2 stranca	55	-	-	-	48	4,622	7	4,566	0	0
2022./2023.	358	44	53	55+2 stranca	56	-	-	-	44	4,54	12	4,50	0	0
2021./2022.	366	50	59	55+2 stranca	54	-	-	-	52	4,33	2	4,35	-	-
2020./2021.	361	49	57	55+2stranca	55	-	-	-	50	4,53	5	4,23	0	0
2019./2020.	412	57	52	55 + 2 stranca	55	-	-	-	51	-	3	-	1	-
2018./2019.	548	53	77	55 + 2 stranca	55	-	-	-	32	-	5	-	18	-
2017./2018.	505	71	63	55 + 2 stranca	55	-	-	-	50	4,55	5	4,22	0	0,00

*podatci za samovrjednovanje preuzeti sa stranica Središnjeg prijavnog ureda

Tablica 3.3. Struktura upisanih studenata i zanimanje za diplomatske i poslijediplomske studijske programe u tekućoj i posljednjih pet godina

Kemijsko inženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2024./2025.	51	45	50 (2 stranac)	-	-	-	8 (studenti s FKIT-a, promjena studija)	3,353
2023./2024.	54	52	65 (2 stranac)	-	-	-	4 (studenti s FKIT-a, promjena studija)	3,440
2022./2023.	46	44	50(2 stranac)	-	-	-	3((studenti s FKIT-a, promjena studija)	3,580
2021./2022.	62	50	50(2 stranac)	-	-	-	1 (studenti s FKIT-a, promjena studija)	3,747
2020./2021.	50	40	40(1 stranac)	-	-	-	0	3,783
2019./2020.	48	40	40 (1 stranac)	-	-	-	2 (studenti s FKIT-a, promjena studija)	3,912
2018./2019.	57	38	40 (1 stranac)	-	-	-	2 (studenti s FKIT-a, promjena studija)	3,707
2017./2018.	53	36	35 (1 stranac)	-	-	-	0	3,812

Kemija i inženjerstvo materijala	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2024./2025.	50	45	45 (1 stranac)	-	-	-	4 (studenti s FKIT-a, promjena studija)	3,442
2023./2024.	46	36	40 (1 stranac)	-	-	-	0	3,566
2022./2023.	32	19	40 (1 stranca)	-	-	-	3 (studenti s FKIT-a, promjena studija)	3,731
2021./2022.	62	40	40 (1 stranca)	-	-	-	1 (studenti s FKIT-a, promjena studija)	3,642
2020./2021.	49	33	35 (2 stranca)	-	-	-	0	3,710
2019./2020.	46	33	35 (2 stranca)	-	-	-	2 (studenti s FKIT-a, promjena studija)	3,551
2018./2019.	41	32	30 (2 stranca)	-	-	-	0	3,575
2017./2018.	32	25	20 (2 stranca)	-	-	-	0	3,412

Ekoinženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2024./2025.	31	21	45 (1 stranac)	-	-	-	0	3,323
2023./2024.	13	7	30 (1 stranac)	-	-	-	0	3,475
2022./2023.	37	22	35 (1 stranca)	-	-	-	1(studenti s FKIT-a, promjena studija)	3,412
2021./2022.	51	30	35 (1 stranca)	-	-	-	8 (studenti s FKIT-a, promjena studija)	3,533
2020./2021.	33	15	35 (1 stranca)	-	-	-	3 (studenti s FKIT-a, promjena studija)	3,717
2019./2020.	37	17	35 (1 stranca)	-	-	-	5 (studenti s FKIT-a, promjena studija) 1 (razlika do 15 ECTSa)	3,637
2018./2019.	59	31	40 (1 stranac)	-	-	-	9 (studenti s FKIT-a, promjena studija)	3,377
2017./2018.	49	23	35 (1 stranac)	-	-	-	3 (studenti s razlikovnom godinom)	3,200

Primijenjena kemija	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2024./2025.	38	30	45 (1 stranac)	-	-	-	0	3,579
2023./2024.	57	47	50 (1stranac)	-	-	-	2 (razlika do 15 ECTSa)	3,543
2022./2023.	39	33	40 (1 stranac)	-	-	-	2(studenti s FKIT-a, promjena studija)	3,743
2021./2022.	42	39	40 (1 stranac)	-	-	-	3 (studenti s FKIT-a, promjena studija)	3,699
2020./2021.	40	34	40 (1 stranac)	-	-	-	0	3,735

2019./2020.	28	27	40 (1 stranac)	-	-	-	0	3,733
2018./2019.	50	40	40 (1 stranac)	-	-	-	1 (studenti s FKIT-a, promjena studija)	3,907
2017./2018.	43	36	35 (1 stranac)	-	-	-	0	3,707

Chemical and Environmental Technology	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena *
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2024./2024.	13 stranaca	0	15EU (10 stranaca)	-	-	-	0	0
2023./2024.	25 stranaca + 2EU	3	15EU (10 stranaca)	-	-	-	3	3,304
2022./2023.	13 stranaca+7EU	4	15 EU (10stranaca)	-	-	-	4	3,851
2021./2022.	13 stranaca+ 3 EU	1	15 EU (10stranaca)	-	-	-	1	3,970
2020./2021.	7	5	15	-	-	-	3	3,32
2019./2020.	6	4	15	-	-	-	5	3,97
2018./2019.	-	-	-	-	-	-		

* Prosječna ocjena svih upisanih studenata na studiju

Naziv studijskog programa	Redovni studenti			Izvanredni studenti*			Broj studenata koji dolaze s drugog visokog učilišta	Prosječna ocjena**
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani#	Upisna kvota		
KIPK 2024./2025.	-	-	-	28	28	28	5 (3 PMF; ; 1 KTF Split; 1 Odjel za kemiju SJJSuOsijeku)	4,626
KIPK 2023./2024.	-	-	-	24	21	21	8 (1 PMF; 1 PBF; 1 FSB; 1 KTF Split; 1 PTF Osijek; 1 Odjel za kemiju SJJSuOsijeku; 1 University of civil Engineering, Moskva, 1 University of Ljubljana)	4,575
KIPK 2022./2023.	-	-	-	17	17	17	4(2 PBF, 1 PMF, 1 Odjel za kemiju SJJSuOsijeku)	4,342
KIPK 2021./2022.	-	-	-	20	20	20	5 (1 PBF Osijek; 1 Odjel za kemiju Osijek; 1 FER; 1 PMF; 1 Gebze Technical University, Turska;	4,681
KIPK 2020./2021.	-	-	-	41	41	40	6 (3 PMF, 1 PMF Split, 1 KTF Split, 1 Odjel za kemiju Osijek)	4,692
KIPK 2019./2020.	-	-	-	24	24	40	7 (1 RGNF, 1 PBF, 3 IRB, 2 Veleučilište Karlovac)	4,40
KIPK 2018./2019.	-	-	-	37	37	40	6 (1 KTF Split, 1 Medicinski f., 4 IRB)	4,47
KIPK 2017./2018.	-	-	-	17	17	40	3 (2 PMF, 1 Odjel za kemiju Osijek)	4,42
KIPK 2016./2017.	-	-	-	13	13	40	2 (1 Erasmus, 1 IRB,)	4,46

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

** Prosječna ocjena posljednjeg studija, bez obzira na razinu

Ukupni broj s prijelaznicima na drugu i treću godinu

Tablica 3.4. Prolaznost na studijskom programu

a) Preddiplomski 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
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
2013./2014.	49	7	16	26	26	5 (28)	3,422
2014./2015.	39	3	1	51	21	1 (15)	3,395
2015./2016.	46	2	11	33	28	3(20)	3,574
2016./2017.	46	2	1	43	31	3(14)	3,660
2017./2018.	38	8	9	47	33	2(21)	3,812
2018./2019.	39	16	9	35	35	4(21)	3,738
2019./2020.	37	2	8	18	18	0(13)	3,722

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
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
2013./2014.	41	3	25	13	11	2 (30)	3,025
2014./2015.	30	5	14	36	24	0 (25)	2,899
2015./2016.	47	8	18	21	34	7(13)	3,165
2016./2017.	34	0	2	32	18	1(21)	3,575
2017./2018.	41	6	25	39	25	4(16)	3,634
2018./2019.	16	35	4	16	16	6(39)	3,756
2019./2020.	34	21	6	0	27	20	3,695

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
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
2013./2014.	37	15	11	11	12	7 (43)	3,280
2014./2015.	29	6	1	48	13	3 (23)	3,156
2015./2016.	41	4	8	29	19	6(26)	3.285
2016./2017.	29	0	0	29	12	2(26)	3.417
2017./2018.	31	3	9	44	19	4(25)	3.761
2018./2019.	15	17	27	13	12	5(42)	3.519
2019./2020.	33	16	17	33	25	33	3.776

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
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
2013./2014.	46	7	20	19	24	4 (26)	3,400
2014./2015.	37	8	7	41	36	2 (16)	3,344
2015./2016.	49	9	13	29	38	9(26)	
2016./2017.	40	1	1	38	30	0(15)	3.743
2017./2018.	37	7	14	37	32	2(21)	3.745
2018./2019.	32	10	14	31	32	5(24)	3.765
2019./2020.	40	10	8	36	36	15	3.706

Napomena za sve preddiplomske studije: broj upisanih studenata s kojima računa sustav ISVU je ukupan broj prvi put upisanih studenata u određenoj ak. god. umanjeno 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 bruća zato što je dio bruća tokom godina prešao na druge preddiplomske studije. Broj upisanih studenata može biti veći od broja bruća zato što imamo upisane goste studente

[#]u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojeni 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
2015./2016.	36	0	0	36	36	0	4,532
2016./2017.	36	0	0	36	36	0	4,613
2017./2018.	37	0	0	37	37	0	4,222
2018./2019.	38	0	0	38	38	0	4,629
2019./2020.	40	0	0	40	40	0	4,217
2020./2021.	40	0	2	40	40	0	3,830
2021./2022.	50	0	0	50	50	0	4,026

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
2015./2016.	22	1	0	21	21	0 (1)	4,488
2016./2017.	22	0	0	22	21	1	4,478
2017./2018.	25	0	0	25	25	0	4,515
2018./2019.	32	0	0	32	32	0	4,460
2019./2020.	33	0	0	33	33	0	3,947
2020./2021.	33	0	0	33	33	0	3,744
2021./2022.	40	1	0	39	39	0(1)	4,356

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
2015./2016.	37	1	0	36	36	1	4,495
2016./2017.	37	1	0	36	34	1 (1)	4,707
2017./2018.	21	0	0	20	20	1	4,286
2018./2019.	32	1	0	31	31	1	4,592
2019./2020.	17	0	0	17	17	0	3,979
2020./2021.	15	0	0	15	15	0	3,730
2021./2022.	30	0	0	30	30	0	3,970

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
2015./2016.	36	1	1	34	35	1	4,461
2016./2017.	36	0	0	36	35	1	4,525
2017./2018.	37	0	0	37	37	0	4,474
2018./2019.	40	0	0	40	40	0	4,617
2019./2020.	27	0	0	27	27	0	4,041
2020./2021.	34	0	1	33	33	1	4,346
2021./2022.	39	0	1	38	38	0	4,425

Chemical and Environmental Technology

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
2018./2019.	-	-	-	-	-	-	-
2019./2020.	4	0	0	4	4	0	4.592
2020./2021.	5	0	0	5	5	0	4.395
2021./2022.	1	0	0	0	1	0	3.917

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

Tablica 3.5. Završnost na studijskom programu

Kemijsko inženjerstvo (1710), preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009		67	19	0	48	3,8
2010		64	26	0	38	5,1
2011		69	36	0	36	4,5
2012		76	39	0	37	4,2
2013		66	29	0	37	4,2
2014		84	31	0	53	3,6
2015		121	45	0	76	3,6
2016		94	46	0	48	3,3
2017		93	52	0	41	3
2018		83	44	1	28	3,4
2019		92	47	19	26	3,5
2020		55	30	11	12	3,3
2021		79	43	20	15	3,7

*Ne uključuje prelaske s drugih VU

Kemija i inženjerstvo materijala (1712), preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2013		58	20	0	38	3,9
2014		68	27	0	41	3,8
2015		104	45	1	58	3,5
2016		67	26	7	34	3,7
2017		75	13	27	35	3
2018		62	21	2	39	3,7
2019		64	30	10	24	3,4
2020		53	27	6	20	3,9
2021		66	26	14	25	3,5

*Ne uključuje prelaske s drugih VU

Primijenjena kemija; smjerovi: Kemija u zaštiti okoliša, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1714)

preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009		58	31	0	27	3,5
2010		46	20	0	26	3,6
2011		59	31	0	28	3,5
2012		72	40	0	32	3,7
2013		82	31	0	51	3,7
2014		55	36	0	19	4
2015		76	43	0	33	3,7
2016		62	44	0	18	3,6
2017		67	34	3	30	3,5
2018		63	35	1	30	3,6
2019		62	38	11	13	3,5
2020		55	34	8	13	3,7
2021		60	31	12	17	3,6

*Ne uključuje prelaske s drugih VU

Ekoinženjerstvo (1716) preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009		74	22	0	52	3,8
2010		68	18	0	50	4,5
2011		72	35	0	37	4,4
2012		70	25	0	45	4
2013		78	19	0	59	4,7
2014		63	15	0	48	4,1
2015		89	23	0	66	4,1
2016		75	22	1	52	4,5
2017		64	18	2	44	3,4
2018		63	35	1	30	3,6
2019		66	17	21	28	3,6
2020		54	16	11	27	3,6
2021		45	12	18	15	3,6

*Ne uključuje prelaske s drugih VU

Kemijsko inženjerstvo (1711), diplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009		23	23	0	0	1,9
2010		29	27	0	0	1,9
2011		17	17	0	0	1,9

2012	36	35	0	1	1,9
2013	34	34	0	0	1,9
2014	36	33	0	3	1,9
2015	36	36	0	0	1,9
2016	36	36	0	0	2
2017	37	37	0	0	2
2018	38	38	0	0	2
2019	40	40	0	0	2
2020	40	40	0	0	2
2021	50	50	0	0	2
2022	44	43	1	0	2,1

*Ne uključuje prelaske s drugih VU

Kemija i inženjerstvo materijala (1713), diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	9	9	0	0	1,9
2010	15	15	0	0	1,9
2011	16	14	0	2	1,9
2012	23	21	0	2	1,9
2013	13	11	0	2	1,9
2014	12	11	0	1	1,9
2015	22	21	0	1	2
2016	22	21	0	1	1,9
2017	25	25	0	0	1,9
2018	32	32	0	0	1,9
2019	33	33	0	0	1,9
2020	33	33	0	0	1,9
2021	41	38	2	0	1,9
2022	19	18	0	1	1,9

*Ne uključuje prelaske s drugih VU

Primijenjena kemija; smjerovi: Kemija u zaštiti okoliša, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1715) diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	26	26	0	0	1,9
2010	25	25	0	0	1,9
2011	15	14	0	1	1,9
2012	29	29	0	0	1,9
2013	23	23	0	0	1,9
2014	26	26	0	0	2

2015	36	35	0	1	2
2016	36	35	0	1	2,1
2017	37	37	0	0	2
2018	40	40	0	0	2
2019	27	27	0	0	2
2020	34	32	1	1	1,9
2021	39	37	2	0	2,1
2022	33	32	0	1	2:

*Ne uključuje prelaske s drugih VU

Ekoinženjerstvo (1717) diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	31	31	0	0	2
2010	16	16	0	0	2
2011	17	13	0	4	2
2012	18	17	0	1	2
2013	15	15	0	0	1,9
2014	15	13	0	2	2,2
2015	37	36	0	1	1,9
2016	37	35	0	2	2,2
2017	21	20	0	1	1,9
2018	32	31	0	1	1,9
2019	17	16	0	1	1,9
2020	15	14	1	0	1,9
2021	30	30	0	0	2,1
2022	22	18	2	2	2,3

*Ne uključuje prelaske s drugih VU

Chemical and Environmental Technology (1488), diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2018	-	-	-	-	-
2019	4	4	-	-	2,2
2020	5	5	0	0	2,1
2021	1	1	0	0	2
2022	4	3	0	0	2,7

*Ne uključuje prelaske s drugih VU

Tablica 3.6. Mobilnost studenata

		Broj studenata u međunarodnoj razmjeni		
		1–3 mjeseca	3–6 mjeseci	6 i više mjeseci
2020./2021.	Odlazna mobilnost	3	17	0
2020./2021.	Dolazna mobilnost	40	9	2
2021./2022.	Odlazna mobilnost	1	27	0
2021./2022.	Dolazna mobilnost	36	3	1
2022./2023.	Odlazna mobilnost	14	7	1
2022./2023.	Dolazna mobilnost	31	0	0
2023./2024.	Odlazna mobilnost	9	31	3
2023./2024.	Dolazna mobilnost	35	13	1
2024./2025.	Odlazna mobilnost	10	20	5
2024./2025.	Dolazna mobilnost	2	12 + 19 Lyon	0

Podaci iz fakultetske baze. Nisu uključene studentske prakse preko IAESTE.

Tablica 3.7. Zapošljavanje studenata koji su završili studij

Naziv studijskog programa	Ak.god	Broj studenata koji su završili studij u posljednjih pet godina	Broj nezaposlenih prema statistici Zavoda za zapošljavanje na dan 30. rujna 2025. (bez radnog iskustva)
Preddiplomski studij Kemijско inženjerstvo	2013./2014.	29	0
	2014./2015.	45	
	2015./2016.	37	
	2016./2017.	40	
	2017./2018.	35	
	2018./2019.	40	
	2019./2020.	45	
	2020./2021.	62	
	2021./2022.	42	
	2022./2023.	49	
	2023./2024.	42	
	2024./2025.	74	
Preddiplomski studij Kemija i inženjerstvo materijala	2013./2014.	11	1
	2014./2015.	21	
	2015./2016.	22	
	2016./2017.	25	
	2017./2018.	35	
	2018./2019.	35	
	2019./2020.	35	
	2020./2021.	40	
	2021./2022.	19	
	2022./2023.	39	
	2023./2024.	42	
	2024./2025.	18	
Preddiplomski studij Ekoinženjerstvo	2013./2014.	19	1
	2014./2015.	35	
	2015./2016.	38	
	2016./2017.	14	
	2017./2018.	23	
	2018./2019.	17	
	2019./2020.	18	
	2020./2021.	25	
	2021./2022.	26	
	2022./2023.	8	
	2023./2024.	33	
	2024./2025.	15	
Preddiplomski studij Primijenjena kemija	2013./2014.	25	0
	2014./2015.	37	
	2015./2016.	43	
	2016./2017.	36	
	2017./2018.	49	
	2018./2019.	32	
	2019./2020.	39	

	2020./2021.	37	
	2021./2022.	32	
	2022./2023.	49	
	2023./2024.	35	
	2024./2025.	38	

Naziv studijskog programa	Ak. god.	Broj studenata koji su završili studij u posljednjih pet godina	Broj nezaposlenih prema statistici Zavoda za zapošljavanje na dan 30. rujna 2025. (bez radnog iskustva)
Diplomski studij Kemijско inženjerstvo	2013./2014.	35	1
	2014./2015.	29	
	2015./2016.	37	
	2016./2017.	37	
	2017./2018.	32	
	2018./2019.	37	
	2019./2020.	39	
	2020./2021.	43	
	2021./2022.	32	
	2022./2023.	41	
	2023./2024.	46	
	2024./2025.	56	
Diplomski studij Kemija i inženjerstvo materijala	2013./2014.	18	2
	2014./2015.	15	
	2015./2016.	10	
	2016./2017.	21	
	2017./2018.	22	
	2018./2019.	24	
	2019./2020.	32	
	2020./2021.	30	
	2021./2022.	30	
	2022./2023.	37	
	2023./2024.	21	
	2024./2025.	36	
Diplomski studij Ekoinženjerstvo	2013./2014.	19	2
	2014./2015.	14	
	2015./2016.	10	
	2016./2017.	34	
	2017./2018.	28	
	2018./2019.	30	
	2019./2020.	27	
	2020./2021.	21	
	2021./2022.	12	
	2022./2023.	27	
	2023./2024.	21	
	2024./2025.	11	
Diplomski studij Primijenjena kemija	2013./2014.	29	3
	2014./2015.	21	

	2015./2016.	25	
	2016./2017.	31	
	2017./2018.	30	
	2018./2019.	39	
	2019./2020.	40	
	2020./2021.	35	
	2021./2022.	29	
	2022./2023.	30	
	2023./2024.	39	
	2024./2025.	35	
Diplomski studij Chemical and Environmental Technology	2020./2021.	2	0
	2021./2022.	6	
	2022./2023.	2	
	2023./2024.	2	
	2024./2025.	3	

Tablice koje slijede nisu sastavni dio MOZVAG-a

Tablica 3.8.a. Struktura studenata (preddiplomski i diplomski studiji)

Studijski program	Redoviti studenti											
	2013./2014.	2014./2015.	2015./2016.	2016./2017.	2017./2018.	2018./2019.	2019./2020.	2020./2021.	2021./2022.	2022./2023.	2023./2024.	2024./2025.
Preddiplomski studij Kemijsko inženjerstvo	219	252	254	244	234	244	250	255	247	261	274	300
Preddiplomski studij Kemija i inženjerstvo materijala	155	184	212	201	203	201	188	180	182	195	187	162
Preddiplomski studij Ekoinženjerstvo	233	231	198	184	159	150	160	168	147	116	116	79
Preddiplomski studij Primijenjena kemija	185	195	178	183	190	186	183	180	188	189	185	190
Diplomski studij Kemijsko inženjerstvo (tri modula)	71	71	77	74	74	80	83	84	91	103	115	114
Modul Kemijsko-procesno inženjerstvo	39	46	43	33	27	16	14	28	31	29	36	39
Kemijsko inženjerstvo u zaštiti okoliša	16	12	7	0	0	0	12	24	29	35	32	32
Kemijske tehnologije i proizvodi	16	13	27	41	47	64	57	32	31	39	47	43
Diplomski studij Kemija i inženjerstvo materijala	36	27	34	44	48	58	66	67	77	66	63	87
Diplomski studij Ekoinženjerstvo	36	30	53	78	63	66	51	39	48	58	37	35
Diplomski studij Primijenjena	54	50	64	74	80	89	77	71	75	79	94	85

kemija (tri modula)												
Modul Kemija okoliša	8	9	11	6	10	14	7	11	22	23	26	26
Modul Specifični materijali i napredne tehnologije	24	20	29	32	28	30	28	32	28	27	35	29
Modul Primijenjena organska kemija	22	21	24	74	42	45	42	28	25	29	33	30
Ukupno	989	1040	1070	1082	1051	1074	1058	1044	1055	1067	1071	1052

Studijski program	Redoviti studenti											
	2013./2014.	2014./2015.	2015./2016.	2016./2017.	2017./2018.	2018./2019.	2019./2020.	2020./2021.	2021./2022.	2022./2023.	2023./2024.	2024./2025.
Diplomski studij Chemical and Environmental Technology	-	-	-	-	-	-	4	9	8	6	6	4

Tablica 3.8.b. Struktura studenata (doktorski studiji)

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

2017./2018.	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	4	0	2
Stipendija	0	0	0	0	0	0	0		0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	2	16	1	1
Samofinanciranje	0	0	0	0	0	0	2	9	1	2
UKUPNO:	0	0	0	0	0	0	5	29	2	5

2018./2019.	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	3	1	1
Stipendija	0	0	0	0	0	0	0	0		
Troškove snosi pravna osoba	0	0	0	0	0	0	2	12		1

Samofinanciranje	0	0	0	0	0	0	2	7		1
UKUPNO:	0	0	0	0	0	0	4	22	1	3

2019./2020.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	8	0	1
Samofinanciranje	0	0	0	0	0	0	1	1	0	0
UKUPNO:	0	0	0	0	0	0	1	9	0	1

2020./2021.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	7	0	0
Samofinanciranje	0	0	0	0	0	0	1	1	0	1
UKUPNO:	0	0	0	0	0	0	1	8	0	1

2021./2022.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	7	0	2
Samofinanciranje	0	0	0	0	0	0	1	0	0	0
UKUPNO:	0	0	0	0	0	0	1	7	0	2

2022./2023.	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	1	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	1	0	1	0
Samofinanciranje	0	0	0	0	0	0	0	3	0	0
UKUPNO:	0	0	0	0	0	0	1	4	1	0

2023./2024.	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	1	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	0	0	0
Samofinanciranje	0	0	0	0	0	0	0	2	0	0
UKUPNO:	0	0	0	0	0	0	0	3	0	0

2024./2025.	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	1	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	0	0	0
Samofinanciranje	0	0	0	0	0	0	0	1	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

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

2017./2018.	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	6	4	3	0
Samofinanciranje	0	0	0	0	0	0	4	2	0	0
UKUPNO:	0	0	0	0	0	0	10	8	3	0

2018./2019.	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	1	0	1
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	5	3	2	0
Samofinanciranje	0	0	0	0	0	0	3	2	0	0
UKUPNO:	0	0	0	0	0	0	8	6	2	1

2019./2020.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

2020./2021.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

2021./2022.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

2022./2023.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

2023./2024.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	0	0	0

Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	0	0	0

- Od ak. god. 2024./2025. nema upisanih na doktorskom studiju Kemijsko inženjerstvo

Doktorski studij Kemijsko inženjerstvo i primijenjena kemija

2020./2021.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	1	10	5	4	2	13	5	11	3	8
Stipendija	4 HRZZ + 4 projekt	7 HRZZ + 4 projekt	2 projekt	2 HRZZ 2 projekt	2 HRZZ	6 HRZZ	1 HRZZ	1 HRZZ	0	0
Troškove snosi pravna osoba	0	6	1	2	4	4	3	3	0	0
Samofinanciranje	2	3	2	1	4	2	8	5	2	2
UKUPNO:	11	30	10	11	12	25	17	20	5	10

2021./2022.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	1	1	10	5	4	7	16	4	5
Stipendija	4 HRZZ + 2 projekt	5 HRZZ + 1 projekt	4 HRZZ + 4 projekt	7 HRZZ + 5 projekt	2 projekt	1 HRZZ + 1 projekt	2 HRZZ	6 HRZZ	0	0
Troškove snosi pravna osoba	2	4	0	7	1	1	5	8	3	3
Samofinanciranje	0	2	2	0	2	1	10	7	0	2
UKUPNO:	8	12	11	29	10	8	24	37	7	10

2022./2023.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	1	3	0	0	1	7	5	12	0	2
Stipendija	0	0	4HRZZ + 2 Projekt	5 HRZZ + 1 Projekt	4HRZZ + 3 Projekt	7HRZZ + 5 Projekt	1 Projekt	5 HRZZ + 2 Projekt	2 Projekt	3HRZZ + 1 Projekt
Troškove snosi pravna osoba	0	5	0	4	0	9	8	12	2	2
Samofinanciranje	3	5	0	2	2	0	13	7	0	0
UKUPNO:	4	13	6	13	10	28	27	38	4	8

2023./2024.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	3	5	1	3	0	0	6	17	0	6
Stipendija	1 Projekt	2 Projekt	0	0	4 HRZZ + 2 Projekt	5 HRZZ + 1 Projekt	4HRZZ + 1 Projekt	9 HRZZ + 2 Projekt	1 HRZZ	2 HRZZ

Troškove snosi pravna osoba	1	3	1	5		4	2	19	0	5
Samofinanciranje	3	3	2	5	0	3	18	10	0	0
UKUPNO:	8	13	4	13	6	13	31	57	1	13

2024./2025.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
Asistent/ Znanstveni novak	0	3	2	5	1	3	3	9	3	2
Stipendija	4 HRZZ + 2 Projekt	7 HRZZ + 2Projekt	1 Projekt	2 Projekt	0	0	4HRZZ + 1 Projekt	6 HRZZ + 2 Projekt	3HRZZ + 1 Projekt	6 HRZZ
Troškove snosi pravna osoba	3	7	2	2	0	5	1	15	0	3
Samofinanciranje	0	1	3	4	1	4	15	10	3	2
UKUPNO:	9	20	8	13	2	12	24	42	10	13

Tablica 3.9.a. Analiza nezaposlenosti prema podacima Hrvatskog zavoda za zapošljavanje na dan 31. prosinac 2024.

Razina obrazovanja Obrazovni program	prosinac 2015.		prosinac 2016.		prosinac 2017.		prosinac 2018.		prosinac 2019.		prosinac 2020.		prosinac 2021.		prosinac 2022.		prosinac 2023.		prosinac 2024.	
	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	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	0	3	2	1	1	-	-	2	1	1	1	3	1	0	0	1	0	1	1
(51300/52.012) Kemijsko inženjerstvo	6	4	4	4	2	1	1	0	2	0	1	0	0	0	1	0	1	1	4	0
(51300/52.010) Kemija i inženjerstvo materijala	2	1	0	0	-	-	1	0	0	0	0	0	0	0	0	0	0	0	1	1
(51300/44.012) Primijenjena kemija	-	-	-	-	1	1	-	-	0	0	0	0	0	0	0	0	0	1	0	0
(4.5.3) diplomski sveučilišni studij 120 ECTS																				
(51500/44.037) Primijenjena kemija; smjer: Kemija u zaštiti okoliša i izvori energije	3	1	3	0	3	2	1	0	1	0	3	2	2	2	1	1	0	4	1	1

(51500/44.038) Primijenjena kemija; smjer: Primijenjena organska kemija	5	3	7	5	6	4	11	10	9	6	7	6	9	5	3	1	5	1	4	2
(51500/44.039) Primijenjena kemija; smjer: Specifični materijali i napredne tehnologije	6	6	8	6	7	5	0	0	2	1	3	3	2	1	4	0	4	0	4	0
(51500/52.005) Ekoinženjerstvo	13	8	13	7	23	13	13	10	14	7	20	11	14	6	10	2	8	3	7	2
(51500/52.016) Kemija i inženjerstvo materijala	7	3	7	4	9	7	10	6	12	10	17	10	11	6	10	5	3	6	8	7
(51500/52.018) Kemijsko inženjerstvo	18	13	18	13	18	14	22	13	13	9	25	17	14	9	15	9	6	7	7	0
(4.1) Fakultet, akademija																				
(51001/52.020) Kemijska tehnologija	46	3	29	3	25	2	20	3	15	2	17	2	20	4	22	2	21	1	15	2
(4.6.4) poslijediplomski sveučilišni studij 180 ECTS																				
(60900/44.011) Inženjerska kemija	0	0	1	0	0	0	1	0	3	0	1	0	2	0	0	0	0	0	3	1
(60900/52.023) Kemijsko inženjerstvo	1	0	1	0	0	0	0	0	2	0	1	0	0	0	3	0	1	0	1	0
Ukupni zbroj	108	42	98	45	95	50	80	42	75	36	96	52	77	34	69	20	50	24	56	17

IV. NASTAVNIČKI I INSTITUCIJSKI KAPACITETI

Tablica 4.1. Struktura osoblja*

* Stanje 31. prosinca 2024.

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 u trajnom izboru	28	55					
Redoviti profesori	11	52					
Izvanredni profesori	17	47					
Docenti	9	39					
Nastavna zvanja	4	53					
Znanstveni savjetnik u trajnom zvanju	/	/					
Znanstveni savjetnik	/	/					
Viši znanstveni suradnik	/	/					
Znanstveni suradnik	/	/					
Viši asistenti(VN+HrZZ+EU)	13	33					
Asistenti (VN+HrZZ+EU projekt)	68	28					
Zaposlenici na projektima	14	29					
Stručni suradnici	2	52					
Znanstveni novaci	/	/					
Tehničko osoblje	16	40					
Administrativno osoblje	22	50					
Pomoćno osoblje	19	53					
Ukupno	223	44					

Tablica 4.2. Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj novozaposlenih suradnika	Broj nastavnika kojima je završio radni odnos
2019./2020.	0		3
2021./2022.	1		3
2022./2023.	1		0
2023./2024.	0		3
2024./2025.	3		0

* Stanje 31. prosinca 2024.

Tablica 4.3. Nastavnici i suradnici na visokom učilištu u akademskoj godini

Nastavnik	Radno mjesto	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u normama satima (2023./2024.)	Opterećenje na vanjskim institucijama u radnim satima
AŠERGER, DANIJELA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16.4.2024.	100		
BABIĆ, SANDRA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 10. 2018.	100		
BOLANČA, TOMISLAV	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	28. 9. 2018.	100		Sveučilište Sjever Sveučilište u Zagrebu
BOLF, NENAD	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	25.10.2022.	100		
FINDRIK BLAŽEVIĆ, ZVJEZDANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21.4.2023.	100		
GOVORČIN-BAJSIĆ, EMI	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	15. 5. 2018.	100		

HRANJEC, MARIJANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	21.4.2023.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
IVANKOVIĆ, MARICA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	21. 12. 2010.	100		
JUKIĆ, ANTE	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 9. 2018.	100		Sveučilište Sjever
KOŠUTIĆ, KREŠIMIR	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100		
KURAJICA, STANISLAV	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 2. 2013.	100		Sveučilište u Dubrovniku
LESKOVAC, MIRELA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 12. 2017.	100		
LONČARIĆ-BOŽIĆ, ANA	Redoviti profesor – trajno zvanje	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24.5.2022.	100		
LUČIĆ BLAGOJEVIĆ, SANJA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	27. 2. 2018.	100		
MACAN, JELENA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15.11.2022.	100		
MANDIĆ, ZORAN	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	24.5.2022.	100		

MARTINEZ, SANJA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	12. 12. 2017.	100		
MATIJAŠIĆ, GORDANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.9.2022.	100		
MUTAVDŽIĆ PAVLOVIĆ, DRAGANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	10.10.2023.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
RAIĆ-MALIĆ, SILVANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 4. 2017.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
ROGOŠIĆ, MARKO	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19. 5. 2016.	100		
SANDER, ALEKSANDRA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100		
ŠKORIĆ, IRENA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.5.2022.	100		
TOMAŠIĆ, VESNA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100		
VRŠALOVIĆ PRESEČKI, ANA	Redoviti profesor u trajnom izboru	dr.sc.	Sveučilište u Zagrebu Fakultet kemijskog	kemijsko inženjerstvo	29.1.2024.	100		

			inženjerstva i tehnologije					
VIDOVIĆ, ELVIRA	Redoviti profesor u trajnom izboru	dr. sc.	Rheinisch – Westfälische Technische Hochschule Aachen, Njemačka	kemijsko inženjerstvo	11.10.202 3.	100		
VUKOVIĆ DOMANOVAČ , MARIJA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21.4.2023.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
ZELIĆ, BRUNO	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2017.	100		Sveučilište Sjever
GAZIVODA KRALJEVIĆ, TATJANA	Redoviti profesor	dr. sc.	Prirodoslov no– matematički fakultet	kemija	24.5.2022.	100		Sveučilište Sjever
KRALJIĆ ROKOVIĆ, MARIJANA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24.5.2022.	100		
KUŠIĆ, HRVOJE	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19.10.202 1.	100		Sveučilište Sjever
MEŠTROVIĆ, ERNEST	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	2.5.2023.	100		PMF
OTMAČIĆ ČURKOVIĆ, HELENA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24.5.2022.	100		

PRLIĆ KARDUM, JASNA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100		
STEINBERG, IVANA	Redoviti profesor	dr. sc.	Karl – Franzes – Universität Graz, Austrija	kemija	19.10.202 1.	100		
SUTLOVIĆ, IGOR	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	14. 2. 2017.	100		
UKIĆ, ŠIME	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	25.10.202 2.	100		
VRSALJKO, DOMAGOJ	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19.10.202 1.	100		
ŽIŽEK, KRUNOSLAV	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	20.11.202 3.	100		
BEGOVIĆ KOVAČ, ERNA	Izvanred ni profesor	dr. sc.	Prirodoslov no – matematički fakultet	matematika	13.2.2024.	100		
DANANIĆ, VLADIMIR	Izvanred ni profesor	dr. sc.	Prirodoslov no– matematički fakultet	fizika	13.7.2020.	100		
DEJANOVIĆ, IGOR	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		

DOLAR, DAVOR	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2. 12. 2019.	100		
FARAGUNA, FABIO	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	10.10.202 2.	100		
KATIĆ, JOZEFINA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11.12.202 3.	100		
KASSAL, PETAR	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	9.7.2024.	100		
KATANČIĆ, ZVONIMIR	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29.4.2024.	100		
KOSAR, VANJA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	25.4.2022.	100		
KOVAČIĆ, MARIN	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	20.5.2024.	100		
KUČIĆ GRGIĆ DAJANA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.10.202 2.	100		

KRATOFIL KREHULA, LJERKA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.11.2020.	100		
MANDIĆ, VILKO	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	19.10.202 2.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
OCELIĆ BULATOVIĆ, VESNA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	interdisciplinir ane znanosti	15.15.202 3.	100		
ROGINA, ANAMARIJA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18.12.202 3.	100		
SUDAR, MARTINA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.7.2024.	100		
UJEVIĆ ANDRIJIĆ, ŽELJKA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22.7.2024.	100		
CVETNIĆ, MATIJA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	14.12.202 2.	100		
JERKOVIĆ, MIROSLAV	Docent	dr. sc.	Prirodoslov no- matematički fakultet	matematika	30. 10. 2017.	100		
MOVRE ŠAPIĆ, IVA	Docent	dr. sc.	Prirodoslov no- matematički fakultet	fizika	15.10.202 1.	100		

MUŽINA, KATARINA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26.11.2024.	100		
MILČIĆ, NEVENA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18.12.2024.	100		
PANŽIĆ, IVANA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	1.10.2024.	100		
ŠALIĆ, ANITA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7.6.2022.	100		
VIDAK, ANDREJ	Docent	dr. sc.	BiH Univerzitet u Sarajevu	fizika	1.10.2023.	100		
VUK, DRAGANA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	23.3.2020.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
MARKIĆ, MARINKO	Viši predavač	mr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22.10.2018.	100		
DEŠPALJ, NAĐA	Viši predavač	dipl. angl.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	filologija	19.9.2022.	100		
FURAČ, LIDIJA	Viši predavač	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	22.10.2018.	100		

PERŠUN, JOSIPA	Viši predavač	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kineziologija	26.1.2021.	100		
LASIĆ, LUKA	Stručni suradnik	mr. sc.	Prirodoslov no- matematički fakultet	matematika	25. 9. 1995.	100		
MATIJAŠEC, DORA	Stručni suradnik	dipl. ing. chem.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	1.2.2009.	100		
BAURER, LEONARD	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.5.2021.	100		
CAR, FILIP	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.4.2023.	100		
HERCEG, SREČKO	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	5.1.2022.	100		
LUKAČ, GORAN	Viši asistent	dr. sc..	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.5.2022.	100		
MIKIĆ, DAJANA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.5.2024.	100		

PAPAC ZJAČIĆ, JOSIPA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.5.2024.	100		
SOKOL, IVANA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.5.2024.	100		
ŠABIĆ RUNJAVEC, MONIKA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26.4.2021.	100		
TOLIĆ ČOP, KRISTINA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.12.2023.	100		
ZAGAJSKI KUČAN, KRISTINA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.2.2021.	100		
BAZINA, IVA	Viši asistent - HrZZ	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15.1.2024.	100		
CINGESAR, IVAN KARLO	Viši asistent - HrZZ	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.12.2024.	100		
PANDEY, SURESH KUMAR	Viši asistent - HrZZ	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	20.3.2024.	100		

ADLEŠIĆ	TIN	dr. sc.	Prirodoslov no – matematički fakultet	matematika	7.11.2020.	100		
ANELIĆ, RAFAEL	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18.8.2023.	100		
BABIĆ VISKOVIĆ, BRUNA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		
BOČEK, ŽELJKA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11.10.202 3.	100		
BOČEK PAVLINAC, IDA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 2. 2019.	100		
BRLEKOVIĆ, FILIP	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 5. 2018.	100		
ĆURIĆ, IVA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.2.2021.	100		
DRAGUN, DONNA DANIJELA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11.12.202 4.	100		

DRMIĆ, KATARINA MARIJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	15.5.2023.	100		
FIKET, LUCIJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27.10.202 0.			
GALIĆ, MARINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.1.2023.	100		
KARNELUTI, IVA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16.7.2024.	100		
KOVAČEC, PETRA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.1.2023.	100		
KRULJAC, IVANA ELIZABETA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9.12.2019.			
LOVRINČEVI Ć, VILMA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	13. 1. 2020.	100		
MARIĆ, MARINA MONIKA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.1.2023.	100		

MARTINJAK, VIKTORIJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
MEHEŠ, MARIO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.11.202 1.	100		
MIHALINEC, GRGUR	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	5.10.2022.	100		
MILOLOŽA NIKOLIĆ, MARTINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 2. 2019.	100		
MLAKIĆ, MILENA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	19. 6. 2020.	100		
MOROVIĆ, SILVIA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2019.	100		
PERŠIĆ, ANA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100		
PIŠKOR BENKOVIĆ, MARTINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		

PREBEG, TEODORA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.12.202 1.	100		
PRŠIR, KRISTINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100		
RATAJEC, MAJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	17.7.2024	100		
RIMAC, NIKOLA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2019.	100		
BUDIMIR SACHER, JOSIP	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.2. 2021.	100		
SEJDIĆ, MARKO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	5.10.2022.	100		
SKENDROVIĆ , DINO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	3. 1. 2019.	100		
SOKAČ POGRMILOVI Ć, KATARINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.5.2022 1	100		

ŠOIĆ, IVANA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100		
TONKOVIĆ, STEFANI	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21. 10. 2020.	100		
VEČENAJ, LUKA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	17.7.2024.	100		
VUKOVINSKI, JURJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	1.10.2024.	100		
ZOKIĆ, IVA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.12.2021.	100		
ŽUŽIĆ, ANDREJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
BAFTI DUNATOV, ARIJETA	Asistent – doktora nd HrZZ		Prirodoslovno-matematički fakultet	kemija	10. 9. 2020.	100		
BERA, INES	Asistent – doktora nd HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.8.2021.	100		

BOROVIĆ, KARLO	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14.10.202 4.	100		
BOŽIČEVIĆ, MARIN	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.202 0.	100		
BULE MOŽAR, KRISTINA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15.9.2020.	100		
DORNJAK, LUKA	Asistent -HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.8.2021.	100		
IVKOVIĆ, IVANA KATARINA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11.2.2019.	100		
FORJAN, ELIZABETA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	23.9.2024.	100		
GAŠPARIĆ, DAVOR	Asistent – doktorand HrZZa		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.10.2024.	100		
LASTOVČIĆ, DORA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	14.10.202 4.	100		

KRIVAČIĆ, SARA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	6.4.2021.	100		
LEAKOVIĆ, EMERIK	Asistent - doktorand		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.7.2021.	100		
LONČAREVIĆ VRABEC, ANDREA	Asistent - HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6.4.2021.	100		
MALBAŠA, ZORAN	Asistent - doktorand HrZZa		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	23.9.2024.	100		
MAMIĆ, ANTONIJA	Asistent - doktorand HrZZa		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	14.10.2024.	100		
MARKOVIĆ, MARIJAN - PERE	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.8.2021.	100		
MATEŠA, LORENA	Asistent - doktorand		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.7.2021.	100		
PAVLINOVIĆ, ANICA	Asistent - doktorand HrZZa		Sveučilište u Splitu Kemijsko tehnološki fakultet	kemijsko inženjerstvo	1.10.2024.	100		
PERKOVIĆ, ANA	Asistent - doktorand HrZZ		Prirodoslov no- matematički fakultet	matematika	28.10.2020.	100		

PUCKO, IVAN	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.2020.	100		
PULITIKA, ANAMARIJA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.8.2021.	100		
RADOVANOV IĆ-PERIĆ, FLOREN	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.2.2021.	100		
RAKAS, ANJA	Asistent – doktorand HrZZ		Prirodoslovno- matematički fakultet	kemija	28.10.2020.	100		
REP KAULIĆ, VALENTINA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	18.2.2019.	100		
ROMAC, SANDRA	Asistent – doktorand Hrzz		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.10.2024.	100		
SAČER, LEON	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	23.9.2024.	100		
ŠPOLJARIĆ, ANDREA	Asistent – doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	20.10.2021.	100		

VIČEVIĆ, RENATA	Asistent – doktora nd HrZZa		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	23.9.2025.			
ZUBAK, MARKO	Asistent – doktora nd HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	26.10.202 1.	100		
ZNIKA, MONIKA	Asistent – doktora nd HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14.10.202 4.	100		

* Stanje 31. prosinca 2024.

Tablica 4.5. Mobilnost nastavnika i suradnika u zadnjih 5 akademskih godina

Vrsta mobilnosti		Odlazna mobilnost		Dolazna mobilnost	
		do 3 mjeseca	3 i više mjeseci	do 3 mjeseca	3 i više mjeseci
2015./2016.- 2020./2021.	Stručna	3	-	-	-
	Znanstvena	23	6	13	0
2021./2022.	Stručna	2	-	-	-
	Znanstvena	4	2	17	-
2022./2023.	Stručna	1	0	2	0
	Znanstvena	7	4	4	2
2023./2024.	Stručna	1	2	2	0
	Znanstvena	3	6	9	4
2024./2025.	Stručna	3	0	18	0
	Znanstvena	3	4	15	1

Tablica 4.6. Mobilnost nenastavnog osoblja u zadnjih 5 akademskih godina

	Broj stručnih boravaka nenastavnog osoblja ovog visokog učilišta u inozemstvu	
	do 3 mjeseca	3 i više mjeseci
2015./2016.-2020./2021.	1	0
2021./2022.	0	0
2022./2023.	0	0
2023./2024.	1	0
2024./2025.	2	0

Tablica 4.8. Prostorni kapacitet i opremljenost prostora računalnom opremom

		broj/broj računala	Kvadrati
A	Predavaonice	15/15 + 60 NB	670 + 3 Vijećnice u Zagrepčanki
B	Nastavni laboratoriji/praktikumi	45/88	2373
C	Radilišta	-/-	-
C	Informatičke učionice	2/31	118
C	Znanstveni laboratoriji	7/14	178
C	Prostorije za studente	2/2	86
D	Nastavnički kabineti	97/237	1650
	UKUPNO	168/447	5075 + Savska 41

Tablica 4.9. Kapitalna oprema

Naziv instrumenta (opreme)	Nabavna vrijednost (eur)	Godina nabave
TEKUĆINSKI KROMATOGRAF	37.250,00	2024.
KIDALICA	45.623,75	2024.
HIBRIDNI UREĐAJ ZA MEMBRANSKU OBRADU VODA	87.400,00	2024.
LIOFILIZATOR UZ DODATAK ZA PRIPREMU UZORKA	30.815,97	2025.
RESPIROMETAR	56.230,00	2025.
UREĐAJ ZA NAMJEŠTAVANJE UZORAKA	181.083,90	2025.
UREĐAJ USP II	54.500,00	2025.
NADOGRADNJA ZA REOMETAR HR 30	109.963,70	2025.
UREĐAJ ZA ISPITIVANJE PROPUSNOSTI PLINOVA UZ DODATAK ZA PRIPREMU UZORKA	79.990,00	2025.
MULTIKANALNI POTENCIOSTAT	65.500,00	2025.
TOC ANALIZATOR	26.025,00	2025.
KOMORA S INTERNOM ATMOSFEROM	54.444,00	2025.
PLINSKI KROMATOGRAF/MASENI DETEKTOR S TEKUĆINSKIM AUTOSAMPLEROM	52.250,00	2025.
UREĐAJ ZA PRINTANJE FORMULACIJA	49.999,38	2025.

- U tablicu se piše oprema čija nabavna vrijednost prelazi 26.544,57 eura
- U tablicu se piše oprema čija nabavna vrijednost prelazi 26.544,57 eura

Tablica 4.10. Opremljenost knjižnice

Ukupna površina (u m ²)	196
Broj zaposlenog stručnog knjižničnog osoblja u knjižnici (VU)	1
Ukupan broj svezaka knjiga	125.283
Čitaonica u sklopu knjižnice (broj / kvadrata)	14/-
Ukupan broj naslova udžbenika obvezne literature	78
Ukupan broj svezaka udžbenika obvezne literature	561
Ukupan broj tiskanih inozemnih časopisa koje knjižnica ima u fondu	383
Ukupan broj tiskanih domaćih časopisa koje knjižnica ima u fondu	50
Broj elektroničkih časopisa s cjelovitim tekstom kojima institucija osigurava pristup	36.609
Broj bibliografskih baza financiranih sredstvima sveučilišta/institucije	0

Tablica 4.11. Financijska evaluacija – prihodi

		2024. kalendarska godina (eur)	2025. kalendarska godina (eur)
	PRIHODI		
1.	PRIHODI IZ DRŽAVNOG PRORAČUNA	14.488.607,17	11.072.181,78
1.1.	Plaće za zaposlene	6.123.020,30	6.171.911,61
1.2.	Troškovi poslovanja (uključivo i terenska nastava)	0	0
1.3.	Vanjska suradnja u nastavi	0	0
1.4.	Domaći znanstveni projekti	1.462.729,01	921.899,34
1.5.	Međunarodni znanstveni projekti	2.121.422,36	90.393,06
1.6.	Međunarodna suradnja	0	0
1.7.	Organizacija znanstvenih skupova	0	0
1.8.	Nabava časopisa	0	0
1.9.	Tekuće održavanje	0	0
1.10.	Izgradnja i investicijsko održavanje-obnova Fakulteta	3.385.975,13	2.836.288,29
1.11.	Oprema	0	0
1.12.	Ukupno ostale vrste prihoda	945.460,37	1.051.689,48
2.	PRIHODI IZ PRORAČUNA OSTALIH JAVNIH IZVORA	0	0
2.1.	Prihodi i pomoći od jedinica lokalne uprave i samouprave (grad, županija, itd.)	0	0
2.2.	Prihodi i pomoći ostalih subjekata (primjerice Hrvatska zaklada za znanost)	0	0
2.3.	Ukupno ostale vrste	0	0
3.	PRIHODI OD KAMATA	8,47	0
4.	PRIHODI OD VLASTITE DJELATNOSTI	619.848,85	1.044.147,49
4.1.	Šolarine – poslijediplomske specijalističke i doktorske	51.846,67	53.507,89
4.2.	Znanstveni projekti	0	0
4.3.	Stručni projekti	0	0
4.4.	Prihodi od najma	0	0
4.5.	Ukupno ostale vrste prihoda	568.002,18	990.639,60
5.	PRIHODI PO POSEBNIM PROPISIMA	360.675,28	381.773,13
5.1.	Šolarine – preddiplomske, diplomske, stručne	321.035,65	320.614,88
5.2.	Dodatna provjera posebnih znanja, vještina i sposobnosti (ako se provodi uz ispite državne mature)	0	0
5.3.	Naknade za upis	26.129,73	39.430,35
5.4.	Izdavačka djelatnost	0	0
5.5.	Naplate studentskih molbi, potvrđnica, diplome, indeksi itd.	13.509,90	18.754,94
5.6.	Ukupno ostale vrste prihoda	0	2.972,96
6.	OSTALI NESPOMENUTI PRIHODI	24,95	72,20
A	UKUPNO PRIHODI	15.469.164,72	12.498.174,60

Tablica 4.12. Financijska evaluacija – rashodi

		2024. kalendarska godina (eur)	2025. kalendarska godina (eur)
	RASHODI		
1.	RASHODI ZA ZAPOSLENE	7.190.282,66	7.370.751,20
1.1.	Plaće za zaposlene	5.978.888,83	6.177.837,21
1.2.	Vanjska suradnja u nastavi	0	0
1.3.	Ukupno ostalo	1.211.393,83	1.192.913,99
2.	RASHODI ZA MATERIJAL I ENERGIJU	467.029,17	500.970,93
2.1.	Uredski materijal i ostali materijalni rashodi	92.004,18	102.386,09
2.2.	Laboratorijski materijal	178.485,57	236.036,44
2.3.	Energija	105.777,81	90.608,09
2.4.	Materijal i dijelovi za tekuće i investicijsko održavanje	60.040,79	59.899,41
2.5.	Sitni inventar	30.720,82	12.040,90
3.	RASHODI ZA USLUGE	1.140.072,89	1.021.320,74
3.1.	Telefon, pošta, prijevoz	21.809,11	50.789,15
3.2.	Usluge tekućeg i investicijskog održavanja	77.138,37	49.880,76
3.3.	Promidžba i informiranje	22.618,87	43.948,46
3.4.	Komunalne usluge	82.921,55	71.203,87
3.5.	Zakup, najam	388.961,19	351.362,43
3.6.	Intelektualne i osobne usluge (ugovori o djelu, honorari)	146.775,53	230.929,62
3.7.	Računalne usluge	25.146,83	26.699,39
3.8.	Ukupno ostalo	374.701,44	196.507,06
4.	RASHODI ZA NEFINANCIJSKU IMOVINU	5.863.866,11	2.861.664,76
4.1.	Poslovni objekti	0	0
4.2.	Računalna oprema	60.892,76	42.708,52
4.3.	Laboratorijska oprema	346.795,75	1.018.021,31
4.4.	Uredska oprema	33.218,59	1.096,44
4.5.	Komunikacijska oprema	0	0
4.6.	Ostala oprema	0	0
4.7.	Literatura	3.212,21	12.128,61
4.8.	Ulaganja u postrojenja, strojeve i ostalu opremu	0	0
4.9.	Dodatna ulaganja na građevinskim objektima	5.419.746,80	1.787.709,88
4.10.	Ukupno ostalo	0	0
5.	NAKNADE TROŠKOVA ZAPOSLENIMA	343.404,68	416.545,11
5.1.	Službena putovanja	159.650,83	188.606,83
5.2.	Stručna usavršavanja	45.326,47	59.601,36
5.3.	Ukupno ostalo uključujući i troškove prijevoza	138.427,38	168.336,92
6.	OSTALI NESPOMENUTI RASHODI POSLOVANJA	390.553,83	849.442,15
6.1.	Premije osiguranja	9.418,73	5.887,65
6.2.	Reprezentacija	33.629,28	34.875,68
6.3.	Članarine	6.850,80	7.477,94
6.4.	Bankarske i usluge platnog prometa	4.126,37	6.052,63
6.5.	Kamate	0	3,49
6.6.	Ostali financijski izdaci	336.528,65	795.144,76
A	UKUPNI RASHODI	15.395.209,34	13.020.694,89

Tablica 4.13b. Vanjski angažman nastavnika Fakulteta u nastavi drugih učilišta u zadnjih 5 godina

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
Prof. dr. sc. Danijela Ašperger	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	16 sati predavanja u zimskom semestru
	2019./2020. Instrumentalna analitička kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2021./2022 Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	7 sati predavanja i 10 sati vježbi
Prof. dr. sc. Tomislav Bolanča	2019./2020.	Sveučilište Sjever	
Prof. dr. sc. Tatjana Gazivoda Kraljević	2019./2020. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2019./2020.	Sveučilište Sjever	
	2020./2021. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	7 sati seminara
Prof. dr. sc. Marijana Hranjec	2020./2021. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	7 sati predavanja
Prof. dr. sc. Stanislav Kurajica	2018./2019. Tehnologija materijala - metal i keramika	Prediplomski Studij Konzervacija-restauracije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2019./2020. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2021./2022. Uvod u materijale i tehnologiju metala	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2021./2022. Uvod u materijale i tehnologiju keramike	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2022./2023. Uvod u materijale i tehnologiju metala	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2022./2023. Uvod u materijale i tehnologiju keramike	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2023./2024 Uvod u materijale i tehnologiju metala	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2023./2024 Uvod u materijale i tehnologiju metala	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
Prof. dr. sc. Dragana Mutavdžić Pavlović	2019./2020. Instrumentalna analitička kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	8 sati predavanja i 10 sati vježbi

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
izv., prof. dr. sc. Vilko Mandić	2020./2021. NBK zaštita	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati seminara
	2020./2021. RBK detekcija, identifikacija i monitoring	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	45 sati predavanja
	2020./2021. Toksične industrijske tvari	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 8 sati vježbi
	2020./2021. Upravljanje kriznim NBKO situacijama	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja
Prof. dr. sc. Silvana Raić-Malić	2019./2020. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
Doc. dr. sc. Dragana Vuk	2019./2020. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati seminara u zimskom semestru
	2019./2020. NBK ORUŽJE	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u zimskom semestru
Prof. dr. sc. Marija Vuković Domanovac	2019./2020. NBK ORUŽJE	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	25 sati predavanja u zimskom semestru
Prof. dr. sc. Bruno Zelić	2019./2020.	Sveučilište Sjever	
Nađa Dešpalj, dipl. ang.	2021./2022. Engleski jezik u graditeljstvu II	Tehničko veleučilište u Zagrebu	1 sat predavanja i 4 sata auditornih vježbi tjedno
izv. prof. dr. sc. Vesna Očelić Bulatović	2021./2022. Opasne tvari u okolišu	Prediplomski sveučilišni studij Metalurgija i preddiplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	9 sati predavanja i 4 sata seminara
	2022./2023. Metode i tehnike zaštite životnog i radnog okoliša	Prediplomski sveučilišni studij Metalurgija i preddiplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	15 sati predavanja i 15 sati seminara
	2022./2023. Sigurnost kemijskih procesa i proizvoda	Prediplomski sveučilišni studij Metalurgija i preddiplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	15 sati predavanja i 8 sati seminara
	2023./2024. Metode i tehnike zaštite životnog i radnog okoliša	Prediplomski sveučilišni studij Metalurgija i preddiplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	15 sati predavanja i 8 sati seminara
	2023./2024. Sigurnost kemijskih procesa i proizvoda	Prediplomski sveučilišni studij Metalurgija i preddiplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	15 sati predavanja i 8 sati seminara
prof. dr. sc. Ernest Meštrović	2022./2023. Govorništvo u službi javnog nastupa	Sveučilište u Zagrebu Prirodoslovno – matematički fakultet	16 sati predavanja
	2023./2024. Govorništvo u službi javnog nastupa	Sveučilište u Zagrebu Prirodoslovno – matematički fakultet	16 sati predavanja

* Stanje 31. prosinca 2024.

Tablica 4.13.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
	Preddiplomski studiji 2016./2017.	3,88	0,81	94
	Preddiplomski studiji 2017./2018.	3,90	0,80	126
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Preddiplomski studiji 2019./2020.	3,90	0,85	124
	Preddiplomski studiji 2020./2021.	3,81	0,78	160
	Preddiplomski studiji 2021./2022.	3,85	0,79	218
	Preddiplomski studiji 2022./2023.	3,75	0,75	127
	Prijediplomski studiji 2023./2024.	3,79	0,96	135
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
	Diplomski studiji 2016./2017.	4,13	0,66	112
	Diplomski studiji 2017./2018.	4,17	0,74	101
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Diplomski studiji 2019./2020.	3,91	0,85	132
	Diplomski studiji 2020./2021.	-	-	-
	Diplomski studiji 2021./2022.	4,06	0,79	210
	Diplomski studiji 2022./2023.	3,86	0,70	118
	Diplomski studiji 2023./2024.	3,97	0,75	109
Praktični 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
	Preddiplomski studiji 2016./2017.	3,81	0,85	90
	Preddiplomski studiji 2017./2018.	3,90	0,86	124
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Preddiplomski studiji 2019./2020.	4,10	0,74	125
	Preddiplomski studiji 2020./2021.	3,90	0,87	162
	Preddiplomski studiji 2021./2022.	3,89	0,87	221
	Preddiplomski studiji 2022./2023.	3,97	0,82	127
	Prijediplomski studiji 2023./2024.	3,91	0,93	135
Praktični 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
	Diplomski studiji 2016./2017.	3,89	0,96	112
	Diplomski studiji 2017./2018.	3,84	0,88	101
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Diplomski studiji 2019./2020.	3,77	0,97	133
	Diplomski studiji 2020./2021.	-	-	-
	Diplomski studiji 2021./2022.	3,82	0,91	212
	Diplomski studiji 2022./2023.	3,67	0,89	118
	Diplomski studiji 2023./2024.	3,78	0,93	108

Tablica 4.13.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 4.13.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

Tablica 4.13e3. Ocjene anketnih pitanja* u ak. god. 2017./2018. 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., 2014./2015. i 2017./2018. dobiveni su metodom „papira i olovke“.

Tablica 4.14. Izvori financiranja stručnih projekata

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2024.	Određivanje specifične površine BET metodom	2	133,00						133,00
2024.	SEM analiza	1				400,00			400,00
2024.	Ispitivanje kapljevina za odleđivanje zrakoplova (viskoznost, indeks loma, pH)	2				120,00			120,00
2024.	Ispitivanje viskoznosti tekućina za odleđivanje zrakoplova	2				240,00			240,00
2024.	Ispitivanje kapljevina za odleđivanje zrakoplova (viskoznost, indeks loma, pH)	2				300,00			300,00
2024.	Određivanje specifične površine BET metodom	2	133,00						133,00
2024.	Usluga DSC ispitivanja	2	233,96						233,96
2024.	Snimanje FTIR spektra, analiza i izvještaj	3				28,59			28,59
2024.	FTIR i TGA analize, mehanička ispitivanja - rastezna, ispitivanje bubrenja materijala i pregled literature	1				11.700,00			11.700,00
2024.	Mikrobiološka stabilnost	3				3.900,00			3.900,00
2025.	Analiza uzoraka FTIR, SEM i EDS, izrada izvještaja i davanje mišljenja	3				250,00			250,00
2025.	Analiza otapala u poliuretanskoj pasti	1				1.400,00			1.400,00
2025.	Usluga istraživanja i razvoja	2				585,00			585,00
2025.	SEM analiza	1				800,00			800,00
2025.	Rad na analizi i optimizaciji regulacije u pogonu SM2	1				4.742,00			4.742,00
2025.	Analiza smole iz sušnice	1				350,00			350,00
2025.	Ispitivanje NBR brtvi	1				324,00			324,00
2025.	Dubinsko profiliranje sulfatnog djelovanja na beton i razvoj metode	1				3.390,00			3.390,00
2025.	Dizajn 4 različita dvoelektrodna sustava (čelija), inkjet ispis elektroda	4	1.500,00						1.500,00
2025.	Izrada kalupa za prototip inovativnog uređaja MTC-Pharm tehnikom 3D ispisa,	4	3.000,00						3.000,00
2025.	kvalitativno dokazivanje prisutnosti aerobnih te Fe i Mn bakterija	1	550,00						550,00
2025.	Određivanje kapaciteta i regeneracije ionskog izmjenjivača	3					1.110,00		1.110,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2025.	razvoj metode i analiza uzoraka dinamičko mehaničkom analizom, izrada jednostavnog izvještaja	3				440,00			440,00
2025.	DSC analiza	2				630,00			630,00
2025.	DSC analiza, SEM analiza	2				2.100,00			2.100,00
2025.	IPL treatment of coating samples	1				480,00			480,00
2025.	Određivanje specifične površine BET metodom	2	266,00						266,00
2025.	analiza površinskog sloja FTIR analizom, analiza uzoraka površine SEM+EDS analizom, analiza odvojenog površinskog sloja, analiza rezultata i mišljenje	2				340,00			340,00
2025.	analiza uzoraka	1				1.530,00			1.530,00
2025.	Analiza uzoraka TGA, FTIR, DSC analiza Izrada izvještaja i davanje mišljenja	1				300,00			300,00
2025.	Mjerenje koncentracije na odlagalištu otpada	7					998,00		998,00
2025.	Izračunavanje entalpije nastajanja	1				4.037,50			4.037,50
2025.	Analiza uzoraka TGA+DSC	2	544,00						544,00
2025.	SEM-EDS analiza	1				1.440,00			1.440,00
2025.	Analiza materijala pretraženim elektronskim mikroskopom	2				360,00			360,00
2025.	analiza uzoraka	2				180,00			180,00
2025.	analiza uzoraka	1					1.107,00		1.107,00
2025.	Ispitivanje i analiza sukladnosti proizvoda s tehničkom specifikacijom	1				920,00			920,00
2025.	Termogravimetrijsko određivanje koncentracije čađe	2				504,00			504,00
2025.	DSC analiza	2				1.500,00			1.500,00
2025.	DSC analiza	2				1.470,00			1.470,00
2025.	DSC analiza	2				2.100,00			2.100,00
2025.	DSC analiza	1				900,00			900,00
2025.	vlačni test	1				720,00			720,00
2025.	analiza uzoraka	1				1.530,00			1.530,00
2025.	Stručno mišljenje	3				4.420,00			4.420,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2025.	Termogravimetrijsko određivanje koncentracije čađe	1				504,00			504,00
2025.	Priprema i mikroskopska analiza uzoraka	2				60,00			60,00
2025.	Ispitivanje toplinskih svojstava na DSC uređaju određivanje površinskih karakteristika	7				916,40			916,40
2025.	Ispitivanje umjetnog ovitka	3				1.310,00			1.310,00
2025.	Određivanje specifične površine BET metodom	2	133,00						133,00
2025.	DSC analiza	2				1.260,00			1.260,00
2025.	Izrada PFD i P&ID postrojenja	7				9.830,00			9.830,00
2025.	Idejno rješenje eksperimentalnog uređaja	2				15.600,00			15.600,00
2025.	FTIR analiza	3	6.000,00						6.000,00
2025.	Izračunavanje entalpije nastajanja	1				1.200,00			1.200,00
			12.492,96	-	-	85.111,49	3.215,00	-	100.819,45

Tablica 4.15. Skupovi (sredstva naplaćena tijekom kalendarske 2025.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2025.	20. škola kromatografije 20 ICS	1				3.900,00			3.900,00
2025.	Katodna zaštita za kopnene i morske objekte	1				3.000,00			3.000,00
2025.	Advancing research and innovation and promoting cooperation in circular economy solutions using microbial biotechnology	1			30.289,20				30.289,20
2025.	Seminar AVP	5				13.000,00			13.000,00
			-	-	30.289,20	19.900,00	-	-	50.189,20

Tablica 4.16. 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 ²)	Ukupna površina prostora za obavljanje znanstvenih istraživanja (m ²)	
					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	1913.		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 4.17. Predavaonice i računalne učionice

Identifikacija zgrade	Redni broj ili oznaka predavaonice	Površina (m ²)	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
Ukupno		669,82	581		
Računalne učionice					
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
Ukupno		117,6	44		

Tablica 4.18. Laboratoriji/praktikumi koji se koriste u nastavi

Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	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

Identifikacija zgrade	Interni oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 – 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 20/I	Laboratorij znanstveno istraživački III (1605)	33,30	6	32	4
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 VII1718	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

Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 – 5)
Ukupno		2289,73			

Tablica 4.19. 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
Savska cesta 16	V1 – Primjena naprednih kemijsko – inženjerskih programskih podrški: SIMCER, PITOPS, LabVIEW, SIPAT (prof. dr. sc. Nenad Bolf)	18	1,5
Savska cesta 16	V2 – Karakterizacija mikro- i nano- čestica metodom dinamičkog raspršenja svjetlosti (DLS) i određivanja zeta potencijala čestica (izv. prof. dr. sc. Fabio Faraguna)	18	1,5
Savska cesta 16	V3 – Primjena elektrokemijskih tehnika (EIS) u području obnovljivih izvora energije i elektrokemijskih konverzijskih uređaja (prof. dr. sc. Marijana Kraljić Roković)	18	1,5
Trg Marka Marulića 20	V4 – Primjena mikroskopije atomskih sila (AFM) (prof. dr. sc. Stanislav Kurajica)	19	1,5

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

Tablica 4.20. 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	4	5	4

Tablica 4.21. Nastavnički kabineti

Identifikacija zgrade	Broj nastavničkih kabineta	Prosječna površina (m ²)	Ocjena opremljenosti (1 – 5)	Prosječna površina (m ²) 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
Ukupno	97	15,56	4	13,05

Tablica 4.22. Prostor koji se koristi samo za znanstveno-istraživački rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m ²)	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
Ukupno		174,11		

Tablica 4.23. Prostor koji se koristi samo za stručni rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m ²)	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		109,15		

V. ZNANSTVENA / UMJETNIČKA DJELATNOST

Tablica 5.1. Bibliografija visokog učilišta (u posljednjih 5 kalendarskih godina, 2020.-2024.)

	Vrsta rada	Ukupan broj objavljenih radova ¹	Broj radova proizašlih iz suradnje s drugim ustanovama u Republici Hrvatskoj ²	Broj radova proizašlih iz međunarodne suradnje ³	Broj radova u otvorenom pristupu ⁴
RADOVI U ČASOPISIMA	Znanstveni radovi objavljeni u časopisima koji su indeksirani u sljedećim Web of Science Core Collection (WoSCC) citatnim indeksima: Science Citation Index – Expanded (SCI-EXP), Social Science Citation Index (SSCI) ili Arts and Humanities Citation Index (A&HCI) ⁵	673	456	265	360
	Znanstveni radovi objavljeni u časopisima koji su indeksirani u WoSCC citatnom indeksu Emerging Sources Citation Index (ESCI) ⁶	78	27	8	71
	Znanstveni radovi objavljeni u časopisima koji su indeksirani u bazi podataka Scopus (ne uključujući one koji su indeksirani u WoSCC-u) ⁷	14	2	8	11
	Znanstveni radovi objavljeni u časopisima koji su indeksirani u bazama podataka EconLit ili HeinOnline (ne uključujući one koji su indeksirani u WoSCC-u i/ili Scopusu) ⁸	0	0	0	0
	Znanstveni radovi objavljeni u ostalim časopisima ⁹	23	13	3	8
	Znanstveni radovi objavljeni u časopisima - UKUPNO	788	498	284	450
	Stručni radovi objavljeni u časopisima koji su indeksirani u sljedećim WoSCC-ovim citatnim indeksima: SCI-EXP, SSCI ili A&HCI ¹⁰	0	0	0	0
	Stručni radovi objavljeni u časopisima koji su indeksirani u WoSCC-ovom citatnom indeksu ESCI ¹¹	7	2	0	4
	Stručni radovi objavljeni u časopisima koji su indeksirani u bazi podataka Scopus (ne uključujući one koji su indeksirani u WoSCC-u) ¹²	0	0	0	0
	Stručni radovi objavljeni u časopisima koji su indeksirani u bazama podataka EconLit ili HeinOnline (ne uključujući one koji su indeksirani u WoSCC-u i/ili Scopusu) ¹³	0	0	0	0
	Stručni radovi objavljeni u ostalim časopisima ¹⁴	11	8	0	8
	Stručni radovi objavljeni u časopisima - UKUPNO	18	10	0	12
POGLAVLJA U KNJIGAMA	Znanstvena poglavlja u knjigama ¹⁵	12	3	2	3
	Stručna poglavlja u knjigama ¹⁶	1	0	0	1
	Poglavlja u knjigama - UKUPNO	13	3	2	4

RADOVI U ZBORNICIMA SKUPOVA	Znanstveni radovi objavljeni u zbornicima skupova ¹⁷	119	55	18	28
	Stručni radovi objavljeni u zbornicima skupova ¹⁸	15	6	0	3
	Radovi objavljeni u zbornicima skupova - UKUPNO	134	61	18	31
AUTORSKE KNJIGE	Autorske knjige izdane u inozemstvu ¹⁹	0	0	0	0
	Autorske knjige izdane u Hrvatskoj ²⁰	4	1	0	0
	Autorske knjige - UKUPNO	4	1	0	0
UREDNIČKE KNJIGE	Uredničke knjige izdane u inozemstvu ²¹	2	1	0	0
	Uredničke knjige izdane u Hrvatskoj ²²	23	10	0	15
	Uredničke knjige - UKUPNO	25	11	0	15
	Prijevođi knjiga²³	0	0	0	0

1. Pod 'radovima' se u ovoj tablici računaju recenzirani radovi na kojima je barem jedan od autora na radu u trenutku nastanka rada bio zaposlenik ustanove (ima sklopljen važeći ugovor o radu i/ili radi na ustanovi u svojstvu vanjskog suradnika na istraživanjima opisanim u objavljenom radu i za to koristi njihovu znanstvenu infrastrukturu). Autor je u pravilu u tom slučaju na radu i potpisan adresom te ustanove.
2. U 'radove proizašle iz suradnje s drugim ustanovama u Republici Hrvatskoj' ubrajaju se samo oni radovi na kojima je barem jedan od koautora potpisan s adresom druge ustanove.
3. U 'radove proizašle iz međunarodne suradnje' ubrajaju se samo oni radovi na kojima je barem jedan od koautora na radu potpisan s adresom ustanove iz inozemstva.
4. Otvoreni pristup je slobodan, besplatan i neometan mrežni pristup digitalnim znanstvenim informacijama koji omogućava čitanje, pohranjivanje, distribuciju, pretraživanje, dohvaćanje, indeksiranje i/ili drugo zakonito korištenje. Najčešće se ostvaruje pohranjivanjem određene verzije radova u institucijske repozitorije (zeleni OA) ili objavljivanjem u časopisima koji su odmah dostupni u otvorenom pristupu (zlatni OA). Slobodan u ovom kontekstu znači trajno slobodan od bilo kakvih ograničenja i postavljanja uvjeta za pristup i korištenje. Drugim riječima, pod radovima u otvorenom pristupu se broje svi radovi koji su odmah i besplatno dostupni na Internetu svim pojedincima bez potrebe ikakve autentifikacije ili proteka vremenskog perioda kako bi se pristupilo cjelovitom tekstu rada.
5. Uključuje izvorne znanstvene, pregledne (znanstvene) radove, prethodna priopćenja, kratka priopćenja, prikaze slučajeva i znanstvena pisma objavljene u časopisima koji su indeksirani u sljedećim Web of Science Core Collection (WoSCC) citatnim indeksima: Science Citation Index Expanded (SCI-EXP), Social Science Citation Index (SSCI) ili Arts and Humanities Citation Index (A&HCI).
6. Uključuje izvorne znanstvene, pregledne (znanstvene) radove, prethodna priopćenja, kratka priopćenja, prikaze slučajeva i znanstvena pisma objavljene u časopisima koji su indeksirani u WoSCC-ovom citatnom indeksu Emerging Sources Citation Index (ESCI).
7. Uključuje izvorne znanstvene, pregledne (znanstvene) radove, prethodna priopćenja, kratka priopćenja, prikaze slučajeva i znanstvena pisma objavljene u časopisima koji su indeksirani u bibliografskoj i citatnoj bazi podataka Scopus, ne uključujući one koji su indeksirani i u prethodno spomenutim WoSCC-ovim citatnim indeksima.
8. Uključuje izvorne znanstvene, pregledne (znanstvene) radove, prethodna priopćenja, kratka priopćenja, prikaze slučajeva i znanstvena pisma objavljene u časopisima koji su indeksirani u bibliografskim bazama podataka EconLit ili HeinOnline, ne uključujući one koji su indeksirani i u prethodno spomenutim WoSCC-ovim citatnim indeksima i/ili Scopusu.
9. Uključuje izvorne znanstvene, pregledne (znanstvene) radove, prethodna priopćenja, kratka priopćenja, prikaze slučajeva i znanstvena pisma objavljene u časopisima koji nisu indeksirani u WoSCC-ovim citatnim indeksima, Scopusu, EconLit ili HeinOnlineu.
10. Uključuje stručne te pregledne (stručne) radove objavljene u časopisima koji su indeksirani u sljedećim WoSCC-ovim citatnim indeksima: SCI-EXP, SSCI ili A&HCI.
11. Uključuje stručne te pregledne (stručne) radove objavljene u časopisima koji su indeksirani u WoSCC-ovom citatnom indeksu ESCI.
12. Uključuje stručne te pregledne (stručne) radove objavljene u časopisima koji su indeksirani u bibliografskoj i citatnoj bazi podataka Scopus, ne uključujući one koji su indeksirani i u prethodno spomenutim WoSCC-ovim citatnim indeksima.

13. *Uključuje stručne te pregledne (stručne) radove objavljene u časopisima koji su indeksirani u bibliografskim bazama podataka EconLit ili HeinOnline, ne uključujući one koji su indeksirani i u prethodno spomenutim WoSCC-ovim citatnim indeksima i/ili Scopusu.*
14. *Uključuje stručne te pregledne (stručne) radove objavljene u časopisima koji nisu indeksirani u WoSCC-u, Scopusu, EconLit i niti HeinOnlineu.*
15. *Uključuje izvorne znanstvene i pregledne (znanstvene) radove, prikaze slučajeva, prethodna priopćenja i kratka priopćenja objavljena u uredničkoj knjizi.*
16. *Uključuje stručne i pregledne (stručne) radove objavljene u uredničkoj knjizi.*
17. *Uključuje izvorne znanstvene i pregledne (znanstvene) radove, prikaze slučajeva, prethodna priopćenja i kratka priopćenja objavljene u zbornicima skupova.*
18. *Uključuje stručne i pregledne (stručne) radove objavljene u zbornicima skupova.*
19. *Uključuje znanstvene i stručne autorske monografije, udžbenike, rječnike, priručnike, leksikone, kataloge i atlase koji su izdani u inozemstvu.*
20. *Uključuje znanstvene i stručne autorske monografije, udžbenike, rječnike, priručnike, leksikone, kataloge i atlase koji su izdani u Hrvatskoj.*
21. *Uključuje znanstvene i stručne uredničke monografije, zbornike, zbornike radova s konferencija, udžbenike, rječnike, priručnike, leksikone, enciklopedije, antologije, godišnjake, kataloge i atlase koji su izdani u inozemstvu.*
22. *Uključuje znanstvene i stručne uredničke monografije, zbornike, zbornike radova s konferencija, udžbenike, rječnike, priručnike, leksikone, enciklopedije, antologije, godišnjake, kataloge i atlase koji su izdani u Hrvatskoj.*
23. *Uključuje prijevode znanstvenih i stručnih monografija, udžbenika, rječnika, priručnika, leksikona, kataloga, atlasa i književnih djela.*

Tablica 5.3. Projekti u posljednjih 5 godina

Projekt (naziv)	Interval trajanja projekta**	Vrsta projekta	Vrsta financiranja	Financijer***	Detalji financiranja***	Uloga visokog učilišta	Ukupan iznos namijenjen VU-u	Ukupan iznos projekta
Coffee ring efekt 'Lab on a Chip' okruženja u razvoju novih formulacija lijekova	20.12.2024.-19.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	197.678 €	197.678 €
Sinteza novih benzazolnih heterocikla kao potencijalnih antitumorskih i antibakterijskih agensa	16.12.2024.-15.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	200.000 €	200.000 €
Inovativni pristupi za smanjenje nusproizvoda dezinfekcije voda - nove tehnologije za nove izazove	9.12.2024.-10.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	199.937 €	199.937 €
Visokoentropijski oksidi - novi materijali za višestruke primjene	6.12.2024.	znanstveni	Potpora istraživanju	HAZU		Nositelj	1.000 €	1.000 €
Napredna prediktivna dijagnostika izmjenivača topline metodama strojnog učenja	6.12.2024.	znanstveni	Potpora istraživanju	HAZU		Nositelj	1.000 €	1.000 €
Priprema, karakterizacija i fotokatalitička transformacija analoga resveratrola s potencijalnom biološkom aktivnosti	1.12.2024.-30.11.2026.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Madarskom	Nositelj	7.800 €	15.600 €
Unapređenje istraživanja i inovacija te promicanje suradnje u rješenjima kružnog gospodarstva uz primjenu mikrobne biotehnologije	1.11.2024.-20.2.2025.	bilateralni	Projektno financiranje	EEA i Norveška potpora	Bilateral Cooperation in Green and Blue Sector Between Croatia and Norway	Partner	40 €	80.040 €
Razvoj inovativnog antibakterijskog materijala za endoprotezu kuka	1.7.2024.-0.6.2026.	znanstveni	Projektno financiranje	MZO	NPOO Ciljana znanstvena istraživanja	Partner	161.860 €	1.631.173 €
Digital and Green (Twin) Transition of Pharmaceutical Product	1.7.2024.-30.6.2028.	znanstveni	Projektno financiranje	Austrijska zaklada za znanost	Znanstveno-istraživački projekt	Partner		3.750.000 €

and Process Development								
Basics & Application of Computational Chemistry in Action – BACCA	2.4.2024.- 7.6.2024.	Međunarodna mobilnost	Projektno financiranje	Europska komisija	Erasmus	Nositelj	14.652,00 €	
Razvoj mobilnih aplikacija proširene stvarnosti i IoT uređaja za realna i virtualna laboratorijska okruženja iz fizike i kemijskog inženjerstva materijala	28.3.2024.- 28.3.2025.	znanstveni	Projektno financiranje	MZO	NPOO Dokazivanje inovativnog koncepta	Nositelj	63.456 €	63.456 €
Niskocjenovna proizvodnja zelenog vodika	28.3.2024.- 28.3.2025.	znanstveni	Projektno financiranje	MZO	NPOO Dokazivanje inovativnog koncepta	Nositelj	64.737 €	64.737 €
Razvoj novih materijala te naprednih inovativnih tehnologija za proizvodnju litij-ionskih baterija	1.1.2024.- 30.6.2026.	znanstveni	Projektno financiranje	MZO	NPOO Ciljana znanstvena istraživanja	Nositelj	667.801 €	1.119.523 €
Razvoj i karakterizacija kompleksnih sustava za isporuku lijeka s produljenim oslobađanjem na osnovi biorazgradivih polimera	1.1.2024.- 30.6.2026.	znanstveni	Projektno financiranje	MZO	NPOO Ciljana znanstvena istraživanja	Nositelj	1.036.274 €	1.400.020 €
Proizvodnja i razvoj kompostabilne ambalaže iz otpadne biomase za pakiranje industrijski prerađenih prehrambenih proizvoda	1.1.2024.- 30.6.2026.	znanstveni	Projektno financiranje	MZO	NPOO Ciljana znanstvena istraživanja	Nositelj	585.050 €	1.628.690
3D ispis multi-materijala s funkcionalnim metil-metakrilatnim smolama	1.1.2024.- 31.12.2025.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Austrijom	Nositelj	6.750 €	6.750 €
Hydrogenases for Large Scale Deployment of H ₂ as a Circular Energy Carrier in Industrial Biotechnology Based on Enzymatic Catalysts	1.1.2024.- 31.12.2027.	znanstveni	Projektno financiranje	Europska komisija	Obzor €opa	Partner	465.250 €	4.999.895 €
Dizajn i 3D-ispis mikroreaktorskih sustava za Industriju 4.0	15.12.2023. – 14.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	199.083 €	199.083 €

Integrirani mikrosustav za enzimatsku proizvodnju biovodika	31.12.2023. – 14.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	164.084 €	164.084 €
Nosivi optički kemijski senzori za multimodalno određivanje biomarkera	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	198.746 €	198.746 €
Novi N-heterocikli i njihovi kompleksi s antitumorskim i antitripanosomskim djelovanjem	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	193.755 €	193.755 €
Okolišni aspekti SARS-CoV-2 antivirusika	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	166.700 €	166.700 €
Razvoj polimera s otiskom molekula za primjenu u analizi farmaceutika i tijekom naprednih postupaka obrade voda	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	194.439 €	194.439 €
Decoding novel reaction chemistries in biocatalysis – Training Europe's next visionaries for a sustainable future	1.1.2023.- 31.12.2026.	znanstveni	Projektno financiranje	Europska komisija	Obzor €opa	Partner	232.632 €	2.629.994 €
Bridging the Gap Between Biotechnology and Industry: Integrating Design Thinking and Flipped Learning	30.12.2022.- 29.12.2024.	Međunarodna mobilnost		Europska komisija	Erasmus	Partner	31.700 €	250.000 €
Water reuse and membrane separation processes for reliable and sustainable water supply	1.11.2023. – 1.11.2026.	znanstveni	Projektno financiranje	NATO		Nositelj	246.950 €	341.000 €
A new concept for mid-to long-term storage of electrical energy in ammonia	1.10.2023.- 30.9.2027.	znanstveni	Projektno financiranje	Europska komisija	Obzor €opa	Partner	440.792 €	3.522.856 €
Imobilizacija enzima i njihova primjena u proizvodnji kemikalija i obradi otpadnih voda	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Slovenijom	Nositelj	2.000 €	2.000 €
Proučavanje utjecaja modifikacija granice faza na svojstva 1D-	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Slovenijom	Nositelj	2.000 €	2.000 €

nanosstrukturiranih tankih slojeva s primjenom u solarnim ćelijama								
Utilising new advanced approaches to derive metal-decorated porous composite bodies and films for electrocatalysis in fuel cells	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Francuskom	Nositelj	5.022 €	5.022 €
Bioaktivni kompozitni materijali za inženjerstvo koštanog tkiva	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Njemačkom	Nositelj	6.000 €	6.000 €
Fotokatalitička razgradnja perfluoriranih spojeva u vodi uz Sunčevo zračenje	1.11.2022.-31.10.2025.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt sa Slovenijom	Nositelj	167.828 €	167.828 €
One Health drugs against parasitic vector borne diseases in Europe and beyond	24.10.2022.-23.10.2062.	Međunarodna mobilnost	Projektno financiranje	COST		Partner		
Razvoj nanosstrukturiranih kompozita metalno-oksidnih filmova i polimernih nanopredložaka pripremljenih 3D printanjem visoke rezolucije te nanošenjem metodom ablacije iskrom za pripravu filmova s optički selektivnim svojstvima	1.1.2022.-31.12.2023.	znanstveni	Projektno financiranje	MZO	Bilateralni projekt s Austrijom	Nositelj	6.750 €	6.750 €
BioFragrance: Enzimsko inženjerstvo i procesno inženjerstvo u sintezi mirisnih spojeva iz obnovljivih izvora	1.1.2022.-31.12.2023.	znanstveni	Projektno financiranje	MZO	Bilateralni projekt s Austrijom	Nositelj	6.750 €	6.750 €
DigiChem: Creating a Digital Study Environment for Sustainable Chemistry	1.2.2022.-31.1.2025.	Međunarodna mobilnost	Projektno financiranje	Europska komisija	Erasmus	Partner	42.700 €	256.122 €
High Energy Calcium-Oxygen Batteries	1.9.2022.-31.8.2025.	znanstveni	Projektno financiranje	NATO		Nositelj	173.900 €	349.500 €

Continuous protein extraction in a micro-extractor by aqueous two-phase systems promoted with natural deep eutectic solvents: from waste to valuable product(s)	2022.–2023.	znanstveni	Projektno financiranje	UNESCO		Nositelj	27.000 €	27.000 €
European MIC Network - New paths for science, sustainability and standards	26.10.2021.–25.10.2025.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Network for research, innovation and product development on porous semiconductors and oxides	21.10.2021.–20.10.2025.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Rapid discovery and development of enzymes for novel and greener consumer products	1.6.2021.–31.5.2025.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020, Research and Innovation Action	partner	487.095,00 €	6.004.308,75 €
STEM škola u prirodi	12.5.2021.–12.5.2023.	stručni	Projektno financiranje	Europska komisija	Europski socijalni fond +	partner	105.000 €	304.926 €
C-C Bond Formation Using Top Performing Enzymes	1.3.2021.–28.2.2025.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020, Marie-Curie akcija	Sukoodinator	237.367,08 €	3.971.466,72 €
Razvoj inovativnih primera iz otpadne emulzije	1.1.2021. - 31.12.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski strukturni i investicijski fondovi	partner	2.427.094,37 kn	11.375.077,88 kn
Razvoj potopljenog agregata za male hidroelektrane s niskim padom vode	2020.–2023.	znanstveni	Projektno financiranje	Europska komisija	Europski strukturni i investicijski fondovi	partner	3.017.268,6 kn	36.860.063,44 kn
Pametni sustavi za dostavu lijeka pri liječenju tumora kosti	1.4.2021.–31.3.2026.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.836.666,00 kn	1.836.666,00 kn
Formula za znanost	28.12.2020.–28.12.2022.	stručni	Projektno financiranje	Europska komisija	Europski socijalni fond +	partner	143.007 €	309.408 €
Biorazgrađive 3D tiskane strukture za augmentaciju kosti	1.12.2020.–31.12.2023.	znanstveni	Bespovratna sredstva (grant/darovnica)	Europska komisija	Europski fond za regionalni razvoj	nositelj	5.531.842 kn	7.083.185.kn
Fotonsko sinteriranje inkjet ispisanih elektrokemijskih senzora i biosenzora na plastičnim podlogama	1.12.2020.–31.12.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.976.300 kn	1.976.300 kn

Mikroplastika u vodi; sudbina, ponašanje i uklanjanje	1.12.2020. - 31.12.2024.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	nositelj	1.125.200 kn	1.125.200 kn
Novi polimerni aditivi za maziva ulja i uljne nanofluide	1.12.2020. - 31.12.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	nositelj	6.254.901,5 kn	7.259.788,5 kn
Focused Ion Technology for Nanomaterials	15.10.2020.- 14.10.2024.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Istraživanje i razvoj inovativnih tehnologija obrade stakla	1.8.2020. – 31.8.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	142.575,6 kn	1.897.452,9 kn
Tackling hazardous substances pollution in the Danube River basin by measuring, modelling-based management and capacity building	1.7.2020. - 31.12.2022.	znanstveni	Projektno financiranje	Europska komisija		partner	90.945,8 €	2.597.483,2 €
Razvoj sustava za ispitivanje višefaznih strujanja i izgaranja s ciljem povećanja istraživačkih aktivnosti znanstvenog i poslovnog sektora	24.4.2020.- 24.9.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski strukturni i investicijski fondovi	nositelj	59.416 €	697.944 €
Fenomeni na površini tijekom pripreve naprednih nanokompozita infiltracijom i funkcionalizacijom poroznih materijala	1.2.2020.- 31.1.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.999.750 kn	1.999.750 kn
Molekularno krojenje istezljivih i zacjeljivih vodljivih polimera za nosivu elektroniku	1.2.2020.- 31.1.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.969.600 kn	1.969.600 kn
Dekompozicije i aproksimacija matrica i tenzora	1.2.2020.- 31.1.2024.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.007.800 kn	1.007.800 kn
Neočekivani prirodni poremećaji u područjima svjetske prirodne baštine: tehnologija obnove i praćenja ekološkog stanja	1.1.2020.- 31.12.2022.	znanstveni	Projektno financiranje	Ministarstvo znanosti i obrazovanja		nositelj	15.000 kn	60.000 kn

Razvoj funkcionalnih biogoriva i (bio)aditiva te ispitivanje primjenskih svojstava mješavina s mineralnim gorivima	1.1.2020.-31.1.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.302.720 kn	1.302.720 kn
Razvoj novih rješenja za karakterizaciju i zaštitu brončane kulturne baštine izložene vanjskom okolišu	1.1.2020.-31.1.2024.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	nositelj	1.159.500 kn	1.159.500 kn
Usporedba katalizatora dopiranog cerijeva oksida pripremljenog naprednim kemijskih te fizikalnim metodama nanošenja	1.1.2020.-31.12.2022.	znanstveni	Projektno financiranje	Ministarstvo znanosti i obrazovanja		nositelj	75.000 kn	150.000 kn
Biokonverzija lignoceluloznog materijala u visokovrijednu hranu za životinje	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	26.784,7 kn	8.604.744 kn
Inovativna rješenja u katalitičkim proizvodnim procesima za potrebe farmaceutske industrije	1.12.2019.-31.12.2022.	znanstveni	Bespovratna sredstva (grant/darovnica)	Europska komisija	Europski fond za regionalni razvoj	partner	1.400.000 kn	6.165.675 kn
Novi početa za stare hrvatske sorte vinove loze	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	185.161 kn	7.151.462,5 kn
Otpad i Sunce u službi fotokatalitičke razgradnje mikroonečišćivala u vodama	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Vlastita sredstva ustanove Ministarstvo regionalnoga razvoja i fondova EU Ministarstvo znanosti i obrazovanja		partner	945.912 kn	8.481.498 kn
Primjena naprednih tehnologija obrade voda za uklanjanje mikroplastike	1.12.2019.-31.12.2023.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	892.500 kn	892.500 kn
Pročišćavanje vode i dobivanje energije korištenje novih kompozitnih materijala uz Sunčevo zračenje	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Europska komisija	Kohezijski fond	nositelj	2.909.678 kn	7.235.516,5 kn

Non-conventional yeast for the production of bioproducts	7.11.2019.- 6.11.2023.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Green Chemical Engineering Network towards upscaling sustainable processes	14.10.2019.- 13.10.2023.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Multi-disciplinary innovation for social change	3.10.2019.- 2.10.2023.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Network for Equilibria and Chemical Thermodynamics Advanced Research	2.10.2019.- 1.10.2023.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Fotonaponska-geopolimerna fasada: uloga vode-kisika u naprednom sklapanju filmova kompozitnih materijala	1.10.2019.- 31.5.2023.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Program znanstvena suradnja	nositelj	2.199.485 kn	2.199.485 kn
Taste and Odor in early diagnosis of source and drinking Water Problems	28.8.2019.- 27.2.2024.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Advanced Engineering and Research of aeroGels for Environment and Life Sciences	30.4.2019.- 29.10.2023.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Joint PhD laboratory for new materials and inventive water treatment technologies. Harnessing resources effectively through innovation	1.2.2019.- 31.1.2023.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020, Marie Curie akcija	partner	505.576,8 €	3.422.141,5 €
Istraživanje antioksidativnog djelovanja benzazolskog skeleta u dizajnu novih antitumorskih agensa	1.12.2018.- 30.11.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	994.000 kn	994.000 kn
Novi spojevi temeljeni na biozosterima purina za ispitivanje njihovih antitumorskih i antipatogenih djelovanja	1.12.2018.- 30.11.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	998.200 kn	998.200 kn

Hidrotermalna sinteza dopiranog cerij oksidnog nanokatalizatora	1.11.2018.-31.10.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	475.000 kn	475.000 kn
Intenzifikacija fotokatalitičkih i katalitičkih procesa za obradu otpadnih voda i otpadnih plinova	1.11.2018.-31.10.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	913.500 kn	913.500 kn
Chemobrionics	15.10.2018.-14.4.2021.	Međunarodna mobilnost	Projektno financiranje	COST		partner		
Chemical and Environmental Technology	12.10.2018.-12.10.2021.	Međunarodna mobilnost	Projektno financiranje	Europska komisija	Europski socijalni fond +	nositelj	119.435 €	238.870 €
Nano-katalizatori aktivirani Sunčevim zračenjem u tehnologijama zaštite okoliša	1.10.2018.-31.10.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	1.027.651,8 kn	1.027.651,8 kn
Razvoj TEHNIX pogona za biorektorsko kompostiranje biorazgradivog komunalnog otpada	1.3.2018.-28.2.2021.	znanstveni	Bespovratna sredstva (grant/darovnica)	Europska komisija		partner	555.949,1 kn	20.501.502 kn
Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela	1.5.2017.-30.4.2021.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	750.650 kn	750.650 kn
Razvoj biokompatibilnih materijala na temelju hidroksiapatita za primjene u inženjerstvu koštanog tkiva	1.3.2017.-28.2.2021.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	992.841 kn	992.841 kn
CeSaR na Fakultetu kemijskog inženjerstva i tehnologije	1.3.2020.-31.3.2023.	stručni	Bespovratna sredstva (grant/darovnica)	Europska komisija	Europski socijalni fond	nositelj	3.683.389,5 kn	3.683.389,5 kn
Napredno vođenje procesa kristalizacije	1.12.2020.-31.12.2023.	Infrastrukturi	Bespovratna sredstva (grant/darovnica)	Europska komisija Ministarstvo znanosti i obrazovanja	Europski fond za regionalni razvoj	nositelj	6.545.544 kn	7.783.366 kn
Akustična negoriva ploča	1.10.2020.-30.9.2023.	Infrastrukturi	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	1.111.536,2 kn	9.939.886 kn
Razvoj tehničkog rješenja za uštedu energije upotrebom VIS propusnih ili	1.9.2020.-30.9.2023.	Infrastrukturi	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	4.239.196 kn	11.724.498 kn

polupropisnih IC-reflektivnih tankih slojeva								
Virtulab-Integrirani laboratorij za primarne i sekundarne sirovine	1.11.2018.-31.7.2021.	Infrastrukt urni	Projektno financiranje	Europska komisija Vlastita sredstva ustanove	Europski fond za regionalni razvoj	partner	1.059.490,6 kn	12.300.603 kn
Stabilizacija halogenhidrin-dehalogenaza radi upotrebe u nekonvencionalnim medijima	1.1.2020.-31.12.2022	Međunaro dna mobilnost	Projektno financiranje	Ministarstvo znanosti i obrazovanja	Program znanstveno-tehnološke suradnje između Republike Hrvatske i Republike Slovenije	nositelj	14.876 kn	14.876 kn

Tablica 5.6. 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	1	1	235 (SCI-EXP, SSCI, A&HI), 18 (ESCI) + 173 (SCI-EXP, SSCI, A&HI), 30 (ESCI)	2+3
Inženjerska kemija	1	1		
Kemijsko inženjerstvo i primijenjena kemija	65	65		

* Zastupljena se minimalno jedan rad u inozemnom znanstvenom časopisu

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

Tablica 5.6.1. Popis doktoranada

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
1.	KIPK	Karnaš	Maja	Rastija Vesna, Hranjec Marijana	08.02.2024
2.	KIPK	Mikić	Dajana	Otmačić Ćurković Helena	06.03.2024
3.	KIPK	Papac Zjačić	Josipa	Kušić Hrvoje	04.04.2024
4.	KIPK	Smoljo	Iva	Pehnec Gordana, Mutavdžić Pavlović Dragana	10.05.2024
5.	KIPK	Cingesar	Ivan Karlo	Vrsaljko Domagoj	17.05.2024
6.	KIPK	Krošl Knežević	Ivona	Piantanida Ivo, Gazivoda Kraljević Tatjana	23.05.2024
7.	KIPK	Kapitanović	Angela	Otmačić Ćurković Helena	09.07.2024
8.	KIPK	Martinez	Valentina	Užarević Krunoslav, Dejanović Igor	12.07.2024
9.	KIPK	Žužić	Andreja	Macan Jelena	06.09.2024
10.	KIPK	Gotovuša	Mia	Jukić Ante, Faraguna Fabio	11.10.2024
11.	KIPK	Samardžija	Marina	Stojanović Ivan, Otmačić Ćurković Helena	28.11.2024
12.	KIPK	Skendrović	Dino	Vrsalović Presečki Ana	29.11.2024
13.	KIPK	Čakar	Mehmet Mervan	Findrik Blažević Zvezdana, Clapés Pere	06.12.2024
14.	KIPK	Tomić	Antonija	Lončarić Božić Ana	10.01.2023
15.	KIPK	Mehić	Emina	Majerić Elenkov Maja, Findrik Blažević Zvezdana	24.02.2023
16.	IK	Đurina	Vedran	Vrsaljko Domagoj	05.04.2023
17.	KIPK	Tolić Čop	Kristina	Mutavdžić Pavlović Dragana	06.04.2023
18.	KIPK	Jakopec	Silvio	Raić-Malić Silvana, Kirin Srećko	12.04.2023
19.	KIPK	dela Rosa	Francis Monserrata	Kušić Hrvoje, Petrović Mira	17.04.2023
20.	KIPK	Gutiérrez Pulpeiro	Marina	Verlicchi Paola, Mutavdžić Pavlović Dragana	28.04.2023
21.	KIPK	Milčić	Nevena	Findrik Blažević Zvezdana, Majerić Elenkov Maja	09.05.2023
22.	KIPK	Bohač	Mario	Jurać Krunoslav, Kassal Petar	01.06.2023
23.	KIPK	Beč	Anja	Hranjec Marijana	13.06.2023
24.	KIPK	Boček Pavlinac	Ida	Hranjec Marijana	20.07.2023
25.	KIPK	Mlakić	Milena	Škorić Irena	10.11.2023
26.	KIPK	Mandić	Lucija	Šegota Suzana, Rogošić Marko	01.12.2023
27.	KIPK	Ivković	Ivana Katarina	Kurajica Stanislav	12.12.2023
28.	KIPK	Miloloža	Martina	Kučić Grgić Dajana, Ukić Šime	14.12.2023
29.	KIPK	Sokol	Ivana	Gazivoda Kraljević Tatjana	20.12.2023
30.	KIP	Raić	Matea	Ivanda Mile, Mandić Vilko	6.12.2022.
31.	KIP	Komar	Mario	Molnar Maja, Gazivoda Kraljević Tatjana	4.11.2022.
32.	KIP	Car	Filip	Tomašić Vesna	30.9.2022.
33.	KIP	Tkalčević	Marija	Mičetić Maja, Kurajica Stanislav	6.9.2022.
34.	KIP	Gojun	Martin	Zelić Bruno	21.7.2022.
35.	KIP	Mužina	Katarina	Kurajica Stanislav	21.7.2022.
36.	KIP	Bertagna Silva	Danilo	Babić Sandra, Buttiglieri Gianluigi	21.7.2022.
37.	KIP	Kojić	Vedran	Gajović Andreja, Mutavdžić Pavlović Dragana	28.6.2022.
38.	KIP	Zeljko	Martina	Lučić Blagojević Sanja	15.6.2022.

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
39.	KIP	Paut	Andrea	Kassal Petar, Prkić Ante	10.6.2022.
40.	KIP	Kurajica	Livia	Ujević Bošnjak Magdalena, Babić Sandra	26.5.2022.
41.	KIP	Radić	Irena	Babić Sandra	8.4.2022.
42.	KIP	Lukač	Goran	Dejanović Igor	17.2.2022.
43.	KIP	Nikl	Hrvoje	Bolanča Tomislav, Rogošić Marko	21.12.2021.
44.	KIP	Petračić	Ana	Sander Aleksandra	6.12.2021.
45.	KIP	Lukić	Marija	Vrsaljko Domagoj	11.11.2021.
46.	KIP	Aničić	Maja	Samardžić Mirela	27.10.2021.
47.	KIP	Herceg	Srećko	Bolf Nenad	30.9.2021.
48.	KIP	Zečević	Nenad	Bolf Nenad	19.7.2021.
49.	KIP	Mitar	Anamarija	Prlić Kardum Jasna	18.6.2021.
50.	KIP	Bernat	Robert	Ukić Šime, Capan Ivana	11.6.2021.
51.	KIP	Matić	Petra	Jakobek Barron Lidija, Ukić Šime	3.6. 2021.
52.	KIP	Gretić	Matija	Matijašić Gordana	23. 4. 2021.
53.	KIP	Bauer	Leonard	Ivanković Marica	8. 4. 2021.
54.	KIP	Sigurnjak Bureš	Marija	Ukić Šime	12. 2 2021.
55.	KIP	Vukušić	Tina	Milardović Stjepan†, Prkić Ante	29.1.2021.
56.	KIP	Kos	Jasna	Sipos Laszlo, Bogut Irella	22.1.2021.
57.	KIP	Šabić Runjavec	Monika	Marija Vuković Domanovac	3. 12. 2020.
58.	KIP	Zagajski Kučan	Kristina	Marko Rogošić	20. 11. 2020.
59.	KIP	Ressler	Antonia	Hrvoje Ivanković, Inga Urlić	13. 11. 2020.
60.	KIP	Ivanišević	Irena	Stjepan Milardović†	26. 10. 2020.
61.	KIP	Grgičević	Ana	Irena Škorić	9. 10. 2020.
62.	KIP	Cetina	Ivana	Irina Pucić, Danijela Ašperger	29. 6. 2020.
63.	KIP	Lovinčić Milovanović	Vedrana	Domagoj Vrsaljko	29. 5. 2020.
64.	KIP	Dabić	Dario	Sandra Babić	12. 5. 2020.
65.	KIP	Švarc	Anera	Ana Vrsalović Presečki	13. 3. 2020.
66.	KIP	Racar	Marko	Davor Dolar	28. 2. 2020.
67.	KI	Ribić	Bojan	Nenad Bolf, Dinko Sinčić	6. 2. 2020.

Djevojačka prezimena doktorandica i mentorica

Doktorandice:

1. Mikić Dajana, r. Malenica (2024)
2. Krošl Knežević Ivona, r. Krošl (2024)
3. Papac Zjačić Josipa, r. Papac (2024)
4. Smoljo Iva, r. Šimić (2024)
5. Boček Pavlinac Ida, r. Boček (2023)
6. Ivković Ivana Katarina, r. Munda (2023)
7. Mlakić Milena, r. Dragojević (2023)
8. Raić Matea, r. Vrdoljak (2022)
9. Paut Andrea, r. Sedlar (2022)
10. Radić Irena, r. Raić (2022)
11. Matić Petra, r. Krivak (2021)
12. Sigurnjak Bureš Marija, r. Sigurnjak (2021)
13. Grgičević Ana, r. Ratković (2020)
14. Lovinčić Milovanović Vedrana, r. Lovinčić (2020)
15. Šabić Runjavec Monika, r. Šabić (2020)
16. Zagajski Kučan Kristina, r. Zagajski (2020)

Mentorice:

1. Mičetić Maja, r. Buljan
2. Urlić Inga, r. Marijanović

Tablica 5.7. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC (SCI-EXP, SSCI, A&HI) u razdoblju 1.1.2020. – 31.12.2024.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (<i>WoSCC (SCI-EXP, SSCI, A&HI)</i>)	IF	STUDIJ
1.	Cetina, Ivana; Pucić, Irina; Mohaček Grošev, Vlasta; Šantić, Ana. Amines used for low temperature curing of PDMS-based gel-networks impact γ -irradiation outcome. // <i>Radiation physics and chemistry</i> . 170 (2020) ; 108635, 9	2,858 (2020.)	KIP
2.	Cvetnić, Matija; Tomić, Antonija; Sigurnjak, Marija; Novak Stankov, Mirjana; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Structural features of contaminants of emerging concern behind empirical parameters of mechanistic models describing their photooxidative degradation. // <i>Journal of water process engineering</i> . 33 (2020) ; 101053, 11	5,485 (2020.)	KIP
3.	Čižmar, Tihana; Kojić, Vedran; Rukavina, Marko; Brkljačić, Lidija; Salamon, Krešimir; Grčić, Ivana; Radetić, Lucija; Gajović, Andreja. Hydrothermal synthesis of FeOOH and Fe ₂ O ₃ modified self-organizing immobilized TiO ₂ nanotubes for photocatalytic degradation of 1H-benzotriazole. // <i>Catalysts</i> , 10 (2020), 12; 1371, 19	4,146 (2020.)	KIP
4.	Perović, Klara; dela Rosa, Francis M.; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Fresno, Fernando; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Recent achievements in development of TiO ₂ -based composite photocatalytic materials for solar driven water purification and water splitting. // <i>Materials</i> . 13 (2020) , 6; 1338, 44	3,623 (2020.)	KIP
5.	Gojun, Martin; Bačić, Matea; Ljubić, Anabela; Šalić, Anita; Zelić, Bruno. Transesterification in microreactors – overstepping obstacles and shifting towards biodiesel production on a microscale. // <i>Micromachines</i> . 11 (2020) , 5; 457, 14	2,891 (2020.)	KIP
6.	Grgičević, Ana; Fodor, Lajos; Barić, Danijela; Poje, Margareta; Marinić, Željko; Horváth, Ottó; Škorić, Irena. Synthesis, photochemistry and photophysics of new butadiene derivatives: Influence of the fluoro, dimethylamino and nitro substituents on the molecular structure and photoinduced behavior. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 400 (2020) ; 112690	4,291 (2020.)	KIP
7.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad Support vector machine-based soft sensors in the isomerisation process. // <i>Chemical and biochemical engineering quarterly</i> . 34 (2020) , 4; 243-255	1,582 (2020.)	KIP
8.	Jakobek, Lidija; Matić, Petra; Kraljević, Šima; Ukić, Šime; Benšić, Mirta; Barron, Andrew R. Adsorption between quercetin derivatives and β -glucan studied with a novel approach to modeling adsorption isotherms. // <i>Applied sciences-Basel</i> . 10 (2020) , 5; 1637, 16	2,679 (2020.)	KIP
9.	Komar, Mario; Molnar, Maja; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Opačak-Bernardi, Teuta. Green chemistry approach to the synthesis of 3-substituted-quinazolin-4(3H)-ones and 2-methyl-3-substituted-quinazolin-4(3H)-ones and biological evaluation. // <i>Green chemistry letters and reviews</i> , 13 (2020), 2; 93-101	4,990 (2020.)	KIP
10.	Kos, Jasna; Brmež, Mirjana; Markić, Marinko; Sipos, Laszlo. The mortality of nematodes in drinking water in the presence of ozone, chlorine dioxide, and chlorine. // <i>Ozone: science & engineering</i> , 42 (2020) , 2; 120-127	2,562 (2020.)	KIP
11.	Kurajica, Livia; Ujević Bošnjak, Magdalena; Novak Stankov, Mirjana; Kinsela, Andrew; Stiglic, Jurica; Waite, Trevor; Capak, Krunoslav. Disinfection by-products in Croatian drinking water supplies with special emphasis on the water supply network in the city of Zagreb. // <i>Journal of environmental management</i> , 276 (2020), 111360, 11	6,789 (2020.)	KIP
12.	Kurajica, Stanislav; Munda, Ivana Katarina; Brleković, Filip; Mužina, Katarina; Dražić, Goran; Šipušić, Juraj; Mihaljević, Monika. Manganese-doped ceria nanoparticles grain growth kinetics. // <i>Journal of solid state chemistry</i> . 291 (2020) ; 121600, 9	3,498 (2020.)	KIP
13.	Kurajica, Stanislav; Munda, Ivana Katarina; Dražić, Goran; Mandić, Vilko; Mužina, Katarina; Bauer, Leonard; Matijašić, Gordana. Manganese-doped, hydrothermally-derived ceria: The occurrence of birnessite and the distribution of manganese. // <i>Ceramics international</i> . 46 (2020) , 18, Part B; 29451-29458	4,527 (2020.)	KIP
14.	Kurajica, Stanislav; Mužina, Katarina; Dražić, Goran; Matijašić, Gordana; Duplančić, Marina; Mandić, Vilko; Župančić, Martina; Munda, Ivana Katarina. A comparative study of hydrothermally derived Mn, Fe, Co, Ni, Cu and Zn doped ceria nanocatalysts. // <i>Materials chemistry and physics</i> . 244 (2020) ; 122689, 9	4,094 (2020.)	KI
15.	Lovinčić Milovanović, Vedrana; Guyon, Cédric; Grčić, Ivana; Tatouljan, Michael; Vrsaljko, Domagoj. Modification of surface hydrophobicity of PLA/PE and ABS/PE polymer blends by ICP etching and CFx coating. // <i>Materials</i> . 13 (2020) , 23; 5578, 14	3,623 (2020.)	KIP

16.	Martinez, Valentina; Karadeniz, Bahar; Biliškov, Nikola; Lončarić, Ivor; Muratović, Senada; Žilić, Dijana; Avdoshenko, Stanislav M.; Roslova, Maria; Popov, Alexey A.; Užarević, Krunoslav. Tunable fulleretic sodalite MOFs: highly efficient and controllable entrapment of C60 fullerene via mechanochemistry. // <i>Chemistry of materials</i> , 32 (2020), 24; 10628-10640	9,811 (2020.)	KIPK
17.	Mitar, Anamarija; Prlić Kardum, Jasna. Intensification of mass transfer in the extraction process with a nanofluid prepared in a natural deep eutectic solvent. // <i>Chemical engineering & technology</i> . 43 (2020), 11; 2286-2294	1,728 (2020.)	KIP
18.	Nikl, Hrvoje; Cvetnić, Matija; Bolanča, Tomislav; Rogošić, Marko. Interlaboratory comparative measurements of gas velocity and concentration of solid particles in the waste gas. // <i>Fresenius environmental bulletin</i> . 29 (2020), 1; 289-298	0,489 (2020.)	KIP
19.	Petračić, Ana; Sander, Aleksandra; Cvetnić, Matija. A novel approach for the removal of trace elements from waste fats and oils. // <i>Separation science and technology</i> . 55 (2020), 18; 3487-3501	2,475 (2020.)	KIP
20.	Racar, Marko; Obajdin, Klaudija; Dolar, Davor; Košutić, Krešimir. Pretreatment for the reclamation of rendering plant secondary effluent with NF/RO: UF flat sheet versus UF hollow fiber membranes. // <i>Clean technologies and environmental policy</i> . 22 (2020), 399-408	3,636 (2020.)	KIP
21.	Radulović, Vladimir; Yamazaki, Yuichi; Pastuović, Željko; Sarbutt, Adam; Ambrožić, Klemen; Bernat, Robert; Ereš, Zoran; Coutinho, José; Ohshima, Takeshi; Capan, Ivana; Snoj, Luka. Silicon carbide neutron detector testing at the JSI TRIGA reactor for enhanced border and port security. // <i>Nuclear instruments & methods in physics research. Section A, Accelerators, spectrometers, detectors and associated equipment</i> . 972 (2020), 164122, 8	1,455 (2020.)	KIP
22.	Raić, Matea; Mikac, Lara; Marić, Ivan; Štefanić, Goran; Škrabić, Marko; Gotić, Marijan; Ivanda, Mile. Nanostructured silicon as potential anode material for Li-ion batteries. // <i>Molecules</i> , 25 (2020), 4; 891, 18	4,412 (2020.)	KIP
23.	Ratković, Ana; Pavlović, Kristina; Barić, Danijela; Marinić, Željko; Grgičević, Ivan; Škorić, Irena. Modeling and synthesis of novel oxime derivatives as potential cholinesterase inhibitors. // <i>Journal of molecular structure</i> . 1200 (2020), 127149	3,196 (2020.)	KIP
24.	Ressler, Antonia; Cvetnić, Matija; Antunović, Maja; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Strontium substituted biomimetic calcium phosphate system derived from cuttlefish bone. // <i>Journal of biomedical materials research Part B: Applied biomaterials</i> . 108 (2020), 1697-1709	3,368 (2020.)	KIP
25.	Ressler, Antonia; Gudelj, Ana; Zadro, Karla; Antunović, Maja; Cvetnić, Matija; Ivanković, Marica; Ivanković, Hrvoje. From bio-waste to bone substitute: synthesis of biomimetic hydroxyapatite and its use in chitosan-based composite scaffold preparation. // <i>Chemical and biochemical engineering quarterly</i> . 34 (2020), 2; 59-71	1,582 (2020.)	KIP
26.	Rogošić, Marko; Zagajski Kučan, Kristina. Deep eutectic solvent based on choline chloride and propylene glycol as a potential medium for extraction denitrification of hydrocarbon fuels. // <i>Chemical engineering research & design</i> . 161 (2020), 45-57	3,739 (2020.)	KIP
27.	Sander, Aleksandra; Petračić, Ana; Parlov Vuković, Jelena; Husinec, Lana. From coffee to biodiesel—deep eutectic solvents for feedstock and biodiesel purification. // <i>Separations</i> . 7 (2020), 2; 22, 18	2,777 (2020.)	KIP
28.	Sigurnjak, Marija; Ukić, Šime; Cvetnić, Matija; Markić, Marinko; Novak Stankov, Mirjana; Rasulev, Bakhtiyor; Kušić, Hrvoje; Lončarić Božić, Ana; Rogošić, Marko; Bolanča, Tomislav. Combined toxicities of binary mixtures of alachlor, chlorfenvinphos, diuron and isoproturon. // <i>Chemosphere</i> , 240 (2020), 124973, 11	7,086 (2020.)	KIP
29.	Sokač, Tea; Gojun, Martin; Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Purification of biodiesel produced by lipase catalysed transesterification by ultrafiltration: Selection of membranes and analysis of membrane blocking mechanisms. // <i>Renewable energy</i> . 159 (2020), 642-651	8,001 (2020.)	KIP
30.	Šagud, Ivana; Maček Hrvat, Nikolina; Grgičević, Ana; Čadež, Tena; Hodak, Josipa; Dragojević, Milena; Lasić, Kornelija; Kovarik, Zrinka; Škorić, Irena. Design, synthesis and cholinesterase inhibitory properties of new oxazole benzylamine derivatives. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 35 (2020), 460-467	5,051 (2020.)	KIP
31.	Šalić, Anita; Jurinjak Tušek, Ana; Gojun, Martin; Zelić, Bruno. Biodiesel purification in microextractors: choline chloride based deep eutectic solvents vs water. // <i>Separation and purification technology</i> . 242 (2020), 116783, 9	7,312 (2020.)	KIP
32.	Šimić, Iva; Mendaš, Gordana; Pehnec, Gordana.	4,759 (2020.)	KIPK

	An optimized sample preparation and analysis method for the determination of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in the atmospheric bulk deposition samples. // <i>Journal of Chromatography A</i> , 1633 (2020), 461599, 11		
33.	Švarc, Aneta; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa; Charnock, Simon J.; Vrsalović Presečki, Ana. A multi-enzyme strategy for the production of a highly valuable lactonized statin side-chain precursor. // <i>Chemical engineering research & design</i> . 164 (2020) ; 35-45	3,739 (2020.)	KIP
34.	Tkalčević, Marija; Basioli, Lovro; Salamon, Krešimir; Šarić, Iva; Sancho-Parramon, Jordi; Bubaš, Matej; Bogdanović-Radović, Ivančica; Bernstorff, Sigrid; Fogarassy, Zsolt; Balazsi, Katalin; Petrović, Mladen; Mičetić, Maja. Ge quantum dot lattices in alumina prepared by nitrogen assisted deposition: Structure and photoelectric conversion efficiency. // <i>Solar energy materials and solar cells</i> , 218 (2020), 110722, 10	7,267 (2020.)	KIP
35.	Tkalčević, Marija; Gotić, Marijan; Basioli, Lovro; Lihter, Martina; Dražić, Goran; Bernstorff, Sigrid; Vuletić, Tomislav; Mičetić, Maja. Deposition of thin alumina films containing 3D ordered network of nanopores on porous substrates. // <i>Materials</i> , 13 (2020), 13; 2883, 11	3,623 (2020.)	KIP
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Tablica 5.7.1 Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC (ESCI) u razdoblju 1.1.2020. – 31.12.2024.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC (ESCI))</i>	IF	STUDIJ
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Tablica 5.8. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC (SCI-EXP, SSCI, A&HI) u razdoblju 1.1.2020. – 31.12.2024.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC (SCI-EXP, SSCI, A&HI))	IF	STUDIJ
1.	Argudo, María; Gich, Frederic; Bonet, Berta; Espinosa, Carmen; Gutiérrez, Marina; Guasch, Helena. Responses of resident (DNA) and active (RNA) microbial communities in fluvial biofilms under different polluted scenarios. // <i>Chemosphere</i> , 242 (2020), 125108, 13	7,086 (2020.)	KIP
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Tablica 5.8.1 Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC (ESCI) u razdoblju 1.1.2020. – 31.12.2024.) (za tablicu 5.6.)

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18.	Čemerika, Ema; Milički, Dora; Miloloža, Martina; Kučić Grgić, Dajana; Žižek, Krunoslav; Očelić Bulatović, Vesna. Zeleni biokompoziti na bazi otpada taloga kave. // <i>Kemija u industriji</i> , 73 (2023), 3-4; 215-226	0,6 (2023.)	KIPK
19.	Čurić, Ana; Muzica, Katarina; Runjak, Ivana; Vasiljević, Danijela; Miloloža, Martina; Kučić Grgić, Dajana. Koja je cijena pušenja? – Opasnosti za okoliš. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 227-236	0,6 (2023.)	KIPK
20.	Tomac, Ivana; Budić, Lea; Bobovec, Josipa; Jakobek, Lidija; Matić, Petra. Determination of sage tea polyphenols and their antioxidant effects using an electrochemical DNA-based biosensor. // <i>Beverages</i> , 9 (2023), 3; 76, 13	3,0 (2023.)	KIPK
21.	Tutić, Ana; Miloloža, Martina; Cvetnić, Matija; Martinjak, Viktorija; Furač, Lidija; Markić, Marinko; Ukić, Šime; Bolanča, Tomislav; Kučić Grgić, Dajana. An overview of coking wastewater characteristics and treatment technologies. // <i>Kemija u industriji</i> , 72 (2023), 5-6; 349-358	0,6 (2023.)	KIPK
22.	Vuković Domanovac, Marija; Muzica, Katarina; Čurić, Ana; Šket, Ana; Šabić Runjavec, Monika. Uloga okolišnih mikroorganizama u biorazgradnji ksenobiotika. // <i>Hrvatske vode</i> , 31 (2023), 123; 7-14	-	KIPK
23.	Brleković, Filip; Mužina, Katarina; Kurajica, Stanislav. The influence of alkaline pretreatment of waste nutshell for use in particulate biocomposites. // <i>Journal of composites science</i> , 8 (2024), 1; 26, 15	3,7 (2024.)	KIPK
24.	Bubaš, Pamela; Hećimović, Dora; Mikuličić, Filip; Terzić, Ivana; Miloloža, Martina. Utjecaj COVID-19 obrazaca ponašanja na ekosustave. // <i>Kemija u industriji</i> , 73 (2024), 1-2; 65-74	0,7 (2024.)	KIPK
25.	Cetina, Ivana. Nuclear waste management: recycling and long-term safe storage. // <i>Kemija u industriji</i> , 73 (2024), 5-6; 249-261	0,7 (2024.)	KIPK
26.	Čemerika, Ema; Knežević, Andrea; Milički, Dora; Miloloža, Martina. Procjena ekotoksičnosti mikroplastike i nanoplastike na gujavice (kolutičavci, Annelida) i oblice (Nematoda) u tlu. // <i>Kemija u industriji</i> , 73 (2024), 7-8; 303-312	0,7 (2024.)	KIPK
27.	Glavinić, Laura; Milčić, Nevena; Findrik Blažević, Zvezdana; Sudar, Martina. Biokataliza u doba zelene revolucije. // <i>Kemija u industriji</i> , 73 (2024), 5-6; 237-248	0,7 (2024.)	KIPK
28.	Mitar, Anamarija; Prlić Kardum, Jasna; Lukić, Marija. Efficient impurity removal from model FCC fuel in millireactors using deep eutectic solvents. // <i>ChemEngineering</i> , 8 (2024), 5; 102, 15	3,4 (2024.)	KIPK
29.	Ressler, Antonia; Marić, Marina Monika; Ohlsbom, Roope; Ivanković, Tomislav; Hannula, Markus; Frankberg, Erkkä J.; Gebraad, Arjen; Pakarinen, Toni-Karri; Hyttinen, Jari; Miettinen, Susanna; Ivanković, Hrvoje; Ivanković, Marica. Multifunctional Sr, Mg, Ag-substituted octacalcium phosphate/carboxymethyl chitosan scaffolds: Antibacterial activity and osteogenic differentiation of human mesenchymal stem cells. // <i>Materialia</i> , 34 (2024), 102077, 17	2,9 (2024.)	KIPK
30.	Sigurnjak Bureš, Marija; Vlahoviček-Kahlina, Kristina; Sopko Stracenski, Katarina; Jurić, Slaven; Maslov Bandić, Luna. Metabolic profile and volatile compounds of four satsuma mandarin varieties. // <i>ACS food science & technology</i> , 4 (2024), 7; 1662-1672	2,8 (2024.)	KIPK

Tablica 5.9. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2020. – 31.12.2024.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Scopus</i>	IF	STUDIJ
1.	Car, Filip; Sušec, Ivan; Tomašić, Vesna. Preparation and testing of cordierite monolithic catalysts for oxidation of aromatic volatile organic compounds. // <i>Chemical engineering transactions</i> . 86 (2021), 673-678	-	KIP
2.	Zečević, Nenad. Energy intensification of steam methane reformer furnace in ammonia production by application of digital twin concept. // <i>International journal of sustainable energy</i> . 41 (2022), 1; 12-28	-	KIP

Tablica 5.10. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2020. – 31.12.2024. (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Scopus</i>	IF	STUDIJ
1.	Grdiša, Martina; Varga, Filip; Ninčević, Tonka; Ptiček, Barbara; Dabić, Dario; Biošić, Martina. The extraction efficiency of maceration, UAE and MSPD in the extraction of pyrethrins from Dalmatian pyrethrum. // <i>ACS - Agriculturae conspectus scientificus</i> . 85 (2020) , 3; 257-267	-	KIP
2.	Maslov Bandić, Luna; Sigurnjak Bureš, Marija; Vlahoviček-Kahlina, Kristina; Jurić, Slaven; Duralija, Boris. Profile of organic acids and synephrine in Satsuma mandarins. // <i>Acta horticulturae</i> , 1353 (2022), 1; 53-58	-	KIP
3.	Veli, Anife; Mustafa, Zilya; Naydenova, Stela; Smoljo, Iva; Hristova, Elena; Gonsalvesh, Lenia. GC MS/MS method for polycyclic aromatic hydrocarbons analysis in ambient air PM2.5. // <i>Journal of chemical technology and metallurgy</i> , 59 (2024), 2; 251-268.	-	KIPK

Tablica 5.12. Odabrane knjige i udžbenici koje su objavili nastavnici Fakulteta u posljednjih pet godina

Autor Naziv knjige / udžbenika	Izdavač, mjesto i godina izdanja, broj stranica
Stanislav Kurajica Silikati: struktura, svojstva, kemija, tehnologija	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2024., 183
Zvezdana Findrik Blažević, Nevena Milčić, Ante Jukić, Sanja Lučić Blagojević, Ernest Meštrović, Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije, Katalog znanstveno-istraživačke opreme / Research Equipment Catalogue	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije Zagreb, 2024., 243
Ante Jukić, Zvezdana Findrik Blažević, Sanja Lučić Blagojević, Ernest Meštrović, Petra Kurajica, Nevena Milčić (urednici) University of Zagreb Faculty of Chemical Engineering and Technology, Research Projects 2017-2022	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije Zagreb, 2024., 148
Ante Jukić, Zvezdana Findrik Blažević, Sanja Lučić Blagojević, Nenad Bolf, Petra Kurajica, Nevena Milčić (urednici) Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije Istraživačko-razvojni projekti 2017.-2022.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije Zagreb, 2023., 140
Gordana Matijašić Uvod u mehaničko procesno inženjerstvo	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2022., 221
Irena Škorić, Marijana Hranjec (urednice) Zavod za organsku kemiju 1922. – 2022. (monografija)	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2022., 205
Stanislav Kurajica Rendgenska difrakcija na prahu	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2020., 315
Tatjana Gazivoda Kraljević, Marijana Hranjec Osnove kemije heterocikličkih spojeva	Fakultet kemijskog inženjerstva i tehnologije i Hrvatsko društvo kemijskih inženjera i tehnologa, Zagreb, 2020., 283

Tablica 5.13. Popis svih publikacija u 2023., 2024. prema WoSCC-u i SCOPUS-u

WoSCC – 2023. (SCI-EXP, SSCI, A&HI)

R. br.	Referenca rada indeksiranog u bazi podataka Web of Science Core Collection (WoSCC (SCI-EXP, SSCI, A&HI))	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvarti 1	Medijan IF
1.	Babić, Sandra; Ljubas, Davor; Mutavdžić Pavlović, Dragana; Biošić, Martina; Čurković, Lidija; Dabić, Dario. Comprehensive study on environmental behaviour and degradation by photolytic/photocatalytic oxidation processes of pharmaceutical memantine. // <i>Catalysts</i> , 13 (2023), 3; 612, 17	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q ₂	3,2 (2023.)
2.	Babić Visković, Bruna; Maslač, Anamaria; Dolar, Davor; Ašperger, Danijela. Use of simulated sunlight radiation and hydrogen peroxide to remove xenobiotics from aqueous solutions. // <i>Processes</i> , 11 (2023), 12; 3403, 19	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q ₂	2,7 (2023.)
3.	Bafti, Arijeta; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Špada, Vedrana. CdSe QDs modified cellulose microfibrils for enhanced humidity sensing properties. // <i>Applied surface science</i> , 612 (2023), 155894, 10	6,3 (2023.)	5,9 (2023.)	CHEMISTRY, PHYSICAL	Q ₂	3,2 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q ₁	2,7 (2023.)
				PHYSICS, APPLIED	Q ₁	2,5 (2023.)

				PHYSICS, CONDENSED MATTER	Q1	2,6 (2023.)
4.	Bafti, Arijeta; Rukavina, Marko; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Krajnc, Andraž; Volavšek, Janez. Monitoring of the conductivity properties with respect to the development of geopolymer network. // <i>Ceramics international</i> , 49 (2023), 14 B; 24598-24610	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
5.	Barbarić, Joško; Žižek, Krunoslav; Rogošić, Marko. Estimation of lurasidone hydrochloride equilibrium solubility in a polymeric solid dispersion using thermal analysis and thermodynamic modeling. // <i>Journal of dispersion science and technology</i> , 44 (2023), 6; 965-978	1,9 (2023.)	2,2 (2023.)	CHEMISTRY, PHYSICAL	Q4	3,2 (2023.)
6.	Batelić, Jakov; Špada, Vedrana; Kršulja, Marko; Martinez, Sanja. Thermal-power-plant condenser-tube corrosion analysis. // <i>Materiali in tehnologije</i> , 57 (2023), 4; 317-323	0,6 (2023.)	0,6 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q4	1,5 (2023.)
7.	Bauer, Leonard; Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje. Medical-grade poly(lactic acid)/hydroxyapatite composite films: thermal and in vitro degradation properties. // <i>Polymers</i> , 15 (2023), 6; 1512, 16	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
8.	Beč, Anja; Cindrić, Maja; Persoons, Leentje; Banjanac, Mihailo; Radovanović, Vedrana; Daelemans, Dirk; Hranjec, Marijana. Novel biologically active N-substituted benzimidazole derived Schiff bases: design, synthesis and biological evaluation. // <i>Molecules</i> , 28 (2023), 9; 3720, 18	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
9.	Beč, Anja; Racané, Livio; Tomić, Teo; Persoons, Leentje; Daelemans, Dirk; Banjanac, Mihailo; Radovanović, Vedrana; Hranjec, Marijana. Novel hydroxy- and amidino-substituted benzimidazoles and benzothiazoles as antibacterial and antiproliferative agents. // <i>Future medicinal chemistry</i> , 15 (2023), 14; 1251-1272	3,2 (2023.)	3,7 (2023.)	CHEMISTRY, MEDICINAL	Q3	3,4 (2023.)
10.	Beč, Anja; Racané, Livio; Žonja, Lucija; Persoons, Leentje; Daelemans, Dirk; Starčević, Kristina; Vianello, Robert; Hranjec, Marijana. Biological evaluation of novel amidino substituted coumarin-benzazole hybrids as promising therapeutic agents. // <i>RSC medicinal chemistry</i> , 14 (2023), 5; 957-968	4,1 (2023.)	4,1 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MEDICINAL	Q2	3,4 (2023.)
11.	Beč, Anja; Vianello, Robert; Hranjec, Marijana. Synthesis and spectroscopic characterization of multifunctional D- π -A benzimidazole derivatives as potential pH sensors. // <i>Journal of molecular liquids</i> , 386 (2023), 122493, 11	5,3 (2023.)	5,2 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q1	2,1 (2023.)
12.	Begović Kovač, Erna. Convergence of a Jacobi-type method for the approximate orthogonal tensor diagonalization. // <i>Calcolo</i> , 60 (2023), 1; 3, 20	1,4 (2023.)	1,8 (2023.)	MATHEMATICS	Q1	0,7 (2023.)
				MATHEMATICS, APPLIED	Q2	1,1 (2023.)
13.	Bhadrarao, D.; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Venkata Sekhar, A.; Naga Koti Reddy, G.; Ravi Kumar, V.; Sahaya Baskaran, G.; Naga Raju, G.; Veeraiah, N.	1,8 (2023.)	2,0 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)

	Dielectric characteristics and A.C. conductivity of $\text{Pb}_3\text{O}_4\text{-Bi}_2\text{O}_3\text{-B}_2\text{O}_3\text{:CuO}$ glass ceramics with CuBi_2O_4 crystal phase: a possible electrode material for ionic batteries. // <i>ECS Journal of solid state science and technology</i> , 12 (2023), 10; 103003, 15			PHYSICS, APPLIED	Q3	2,5 (2023.)
14.	Blažić, Roko; Marušić, Katarina; Vidović, Elvira. Swelling and viscoelastic properties of cellulose-based hydrogels prepared by free radical polymerization of dimethylaminoethyl methacrylate in cellulose solution. // <i>Gels</i> , 9 (2023), 2; 94, 25	5,0 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
15.	Boček Pavlinac, Ida; Dragić, Mirna; Persoons, Leentje; Daelemans, Dirk; Hranjec, Marijana. Synthesis and antiproliferative activity of 2,6-disubstituted imidazo[4,5-b]pyridines prepared by Suzuki cross coupling. // <i>Molecules</i> , 28 (2023), 20; 7208, 17	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
16.	Boček Pavlinac, Ida; Zlatić, Katarina; Persoons, Leentje; Daelemans, Dirk; Banjanac, Mihailo; Radovanović, Vedrana; Butković, Kristina; Kralj, Marijeta; Hranjec, Marijana. Biological activity of amidino-substituted imidazo [4,5-b]pyridines. // <i>Molecules</i> , 28 (2023), 1; 34, 16	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
17.	Bogdan, Lucija; Palčić, Ana; Duplančić, Marina; Leskovac, Mirela; Tomašić, Vesna. Eco-friendly synthesis of $\text{TiO}_2/\text{ZIF-8}$ composites: Characterisation and application for the removal of imidacloprid from wastewater. // <i>Processes</i> , 11 (2023), 3; 963, 15	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
18.	Božičević, Marin; Fiket, Lucija; Vujasinović, Magdalena; Blažić, Roko; Kovačić, Marin; Katančić, Zvonimir. Investigation of the conditions for the synthesis of poly(3,4-ethylenedioxythiophene) ATRP macroinitiator. // <i>Polymers</i> , 15 (2023), 2; 253, 18	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
19.	Božinović, Marko; Vičević, Renata; Zekić, Nikolina; Šalić, Anita; Jurinjak Tušek, Ana; Zelić, Bruno. Intensification of endo-1,4-xylanase extraction by coupling microextractors and aqueous two-phase system. // <i>Processes</i> , 11 (2023), 2; 447, 16	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
20.	Bratovčić, Amra; Tomašić, Vesna. Design and development of photocatalytic systems for reduction of CO_2 into valuable chemicals and fuels. // <i>Processes</i> , 11 (2023), 5; 1433, 28	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
21.	Brlković, Filip; Mužina, Katarina; Kurajica, Stanislav. Characterization of sol-gel derived cobalt-doped willemite via 2D correlation spectroscopy. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 163-173	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
22.	Bubalo, Anđelina; Vouk, Dražen; Ćurković, Lidiija; Rogošić, Marko; Nakić, Domagoj; Cheeseman, Christopher. Influence of combustion temperature on the performance of sewage sludge ash as a supplementary material in manufacturing bricks. // <i>Construction and building materials</i> , 404 (2023), 133126, 14	7,4 (2023.)	8,0 (2023.)	CONSTRUCTION & BUILDING TECHNOLOGY	Q1	2,0 (2023.)
				ENGINEERING, CIVIL	Q1	1,9 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,0 (2023.)

23.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Cvetnić, Matija; Kušić, Hrvoje; Bolanča, Tomislav; Kučić Grgić, Dajana; Ukić, Šime. Potential of advanced oxidation as pretreatment for microplastics biodegradation. // <i>Separations</i> , 10 (2023), 2; 132, 26	2,5 (2023.)	2,6 (2023.)	CHEMISTRY, ANALYTICAL	Q3	2,6 (2023.)
24.	D'Abbrunzo, Ilenia; Bianco, Emma; Gigli, Lara; Demitri, Nicola; Birolo, Rebecca; Chierotti, Michele R.; Škorić, Irena; Keiser, Jennifer; Häberli, Cécile; Voinovich, Dario; Hasa, Dritan; Perissutti, Beatrice. Praziquantel meets niclosamide: a dual-drug antiparasitic cocrystal. // <i>International journal of pharmaceutics</i> , 644 (2023), 123315, 12	5,3 (2023.)	5,6 (2023.)	PHARMACOLOGY & PHARMACY	Q1	2,6 (2023.)
25.	Dolar, Davor; Ćurić, Iva; Ašperger, Danijela. Removal, adsorption, and cleaning of pharmaceutical on polyamide RO and NF membranes. // <i>Polymers</i> , 15 (2023), 12; 2745, 14	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
26.	Gavran, Matea; Ujević Andrijić, Željka; Bolf, Nenad; Rimac, Nikola; Sacher, Josip; Šahnić, Damir. Development of a calibration model for real-time solute concentration monitoring during crystallization of ceritinib using Raman spectroscopy and in-line process microscopy. // <i>Processes</i> , 11 (2023), 12; 3439, 15	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
27.	Glavaš, Mladena; Zlatić, Katarina; Jadreško, Dijana; Ljubić, Ivan; Basarić, Nikola. Fluorescent pH sensors based on BODIPY structure sensitive in acidic media. // <i>Dyes and pigments</i> , 220 (2023), 111660, 11	4,1 (2023.)	3,7 (2023.)	CHEMISTRY, APPLIED	Q2	2,3 (2023.)
				ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
				MATERIALS SCIENCE, TEXTILES	Q1	1,3 (2023.)
28.	Gotovuša, Mia; Pečurlić, Ivona; Petrić, Valentino; Huzjak, Paula; Krasić, Marta; Zadavec, Martina; Konjević, Lucija; Faraguna, Fabio. Influence of reaction parameters and feedstock type on the synthesis of fatty acid propyl, butyl, isobutyl, pentyl, and isopentyl esters. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 123-142	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
29.	Gotovuša, Mia; Racar, Marko; Konjević, Lucija; Parlov Vuković, Jelena; Faraguna, Fabio. The influence of the reaction parameters on the synthesis of fatty acid octyl esters and investigation of applications properties of its blends with mineral diesel. // <i>Energies</i> , 16 (2023), 7; 3071, 17	3,0 (2023.)	3,0 (2023.)	ENERGY & FUELS	Q3	4,0 (2023.)
30.	Grčić, Ivana; Mutavdžić Pavlović, Dragana; Brnardić, Ivan; Gazivoda Kraljević, Tatjana; Tolić Čop, Kristina; Radetić, Lucija; Runje, Mislav. Degradation of typical environmental pollutants (ciprofloxacin, carbamazepine and 17-β estradiol) on supported TiO ₂ photocatalysts: Identification of degradation products and in silico toxicity assessment. // <i>Journal of environmental chemical engineering</i> , 11 (2023), 6; 111438, 14	7,4 (2023.)	7,3 (2023.)	ENGINEERING, CHEMICAL	Q1	2,7 (2023.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,7 (2023.)
31.	Gutiérrez, Marina; Verlicchi, Paola; Mutavdžić Pavlović, Dragana. Study of the influence of the wastewater matrix in the adsorption of three pharmaceuticals by powdered activated carbon. // <i>Molecules</i> , 28 (2023), 5; 2098, 21	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)

32.	Herceg, Srećko; Ujević Andrijić, Željka; Rimac, Nikola; Bolf, Nenad. Development of mathematical models for industrial processes using dynamic neural networks. // <i>Mathematics</i> , 11 (2023), 21; 4518, 17	2,3 (2023.)	2,2 (2023.)	MATHEMATICS	Q1	0,7 (2023.)
33.	Ibrahim, Ahmed; Shiraishi, Mikan; Homonnay, Zoltán; Krehula, Stjepko; Marcuš, Marijan; Bafti, Arijeta; Pavić, Luka; Kubuki, Shiro. Photocatalytic and cathode active abilities of Ni-substituted α -FeOOH nanoparticles. // <i>International journal of molecular sciences</i> , 24 (2023), 18; 14300, 27	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
34.	Ivanišević, Irena. The role of silver nanoparticles in electrochemical sensors for aquatic environmental analysis. // <i>Sensors</i> , 23 (2023), 7; 3692, 52	3,4 (2023.)	3,7 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				ENGINEERING, ELECTRICAL & ELECTRONIC	Q2	2,3 (2023.)
				INSTRUMENTS & INSTRUMENTATION	Q2	2,1 (2023.)
35.	Ivanković, Tomislav; Turk, Helena; Hrenović, Jasna; Schauperl, Zdravko; Ivanković, Marica; Ressler, Antonia. Antibacterial activity of silver doped hydroxyapatite toward multidrug-resistant clinical isolates of <i>Acinetobacter baumannii</i> . // <i>Journal of hazardous materials</i> , 458 (2023), 131867, 9	12,2 (2023.)	11,9 (2023.)	ENGINEERING, ENVIRONMENTAL	Q1	3,7 (2023.)
				ENVIRONMENTAL SCIENCES	Q1	3,0 (2023.)
36.	Jakopec, Silvio; Gourdon-Grünewaldt, Lisa; Čipor, Ivona; Mešić Macan, Andrijana; Perić, Berislav; Piantanida, Ivo; Cariou, Kevin; Gasser, Gilles; Kirin, Srećko I.; Raić-Malić, Silvana. Synthesis, characterisation and biological evaluation of monometallic Re(I) and heterobimetallic Re(I)/Fe(II) complexes with a 1,2,3-triazolyl pyridine chelating moiety. // <i>Dalton transactions</i> , 52 (2023), 27; 9482-9498	3,5 (2023.)	3,3 (2023.)	CHEMISTRY, INORGANIC & NUCLEAR	Q2	2,3 (2023.)
37.	Jurina, Tamara; Sokač Cvetnić, Tea; Šalić, Anita; Benković, Maja; Valinger, Davor; Gajdoš Kljusurić, Jasenka; Zelić, Bruno; Jurinjak Tušek, Ana. Application of spectroscopy techniques for monitoring (bio)catalytic processes in continuously operated microreactor systems. // <i>Catalysts</i> , 13 (2023), 4; 690, 29	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
38.	Kalebić, Barbara; Bafti, Arijeta; Cajner, Hrvoje; Marcuš, Marijan; Matijašić, Gordana; Čurković, Lidija. Optimization of ciprofloxacin adsorption on clinoptilolite-based adsorbents using response surface methodology. // <i>Nanomaterials</i> , 13 (2023), 4; 740, 25	4,4 (2023.)	4,7 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	3,8 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
39.	Kapitanović, Angela; Otmačić Čurković, Helena. The influence of phosphonic acid pretreatment on the bronze corrosion protection by waterborne coating. // <i>Journal of solid state electrochemistry</i> , 27 (2023), 7; 1861-1875	2,6 (2023.)	2,5 (2023.)	ELECTROCHEMISTRY	Q3	2,7 (2023.)
40.	Katić, Jozefina; Krivačić, Sara; Petrović, Željka; Mikić, Dajana; Marcuš, Marijan. Titanium implant alloy modified by electrochemically deposited functional bioactive calcium phosphate coatings. // <i>Coatings</i> , 13 (2023), 3; 640, 18	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)

41.	Keerti Kut, T.V.N.; Bafti, Arijeta; Pisk, Jana; Pavić, Luka; Venkata Sekhar, A.; Naresh, P.; Siva Sessa Reddy, A.; Naga Raju, G.; Ravi Kumar, V.; Veeraiah, N. Dielectric features of Au ₂ O ₃ doped Li ₂ O-SiO ₂ glass system-influence of Pb ₃ O ₄ . // <i>Journal of non-crystalline solids</i> , 599 (2023), 121954, 16	3,2 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
42.	Klemenčić, Mia; Bolanča Mirković, Ivana; Bolf, Nenad. The influence of the production stages of cardboard pharmaceutical packaging on the circular economy. // <i>Sustainability</i> , 15 (2023), 24; 16882, 15	3,3 (2023.)	3,6 (2023.)	ENVIRONMENTAL SCIENCES	Q2	3,0 (2023.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,2 (2023.)
43.	Konjević, Lucija; Racar, Marko; Ilinčić, Petar; Faraguna, Fabio. A comprehensive study on application properties of diesel blends with propanol, butanol, isobutanol, pentanol, hexanol, octanol and dodecanol. // <i>Energy</i> , 262 A (2023), 125430, 12	9,0 (2023.)	8,2 (2023.)	ENERGY & FUELS	Q1	4,0 (2023.)
				THERMODYNAMICS	Q1	1,9 (2023.)
44.	Kosar, Vanja; Križanac, Ana-Marija; Zelić, Ivana Elizabeta; Kurajica, Stanislav; Tomašić, Vesna. Photocatalytic degradation of neonicotinoid insecticides over perlite-supported TiO ₂ . // <i>Processes</i> , 11 (2023), 9; 2588, 15	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
45.	Kovačić, Simona; Lovrinčević, Vilma; Vuković Domanovac, Marija; Vuk, Dragana. Amoxicillin biodegradation with <i>Bacillus subtilis</i> and <i>Pseudomonas aeruginosa</i> : Characterization of relevant degradation products. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 175-179	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
46.	Kraljić Roković, Marijana; Otmačić Čurković, Helena. Paving the way for electrochemistry in Croatia: activities and the most important scientists. // <i>Journal of solid state electrochemistry</i> , 27 (2023), 7; 1731-1739	2,6 (2023.)	2,5 (2023.)	ELECTROCHEMISTRY	Q3	2,7 (2023.)
47.	Kropek, Matija; Bival Štefan, Maja; Rajkovača, Katarina; Petković, Tea; Cvetnić, Matija; Bolanča, Tomislav; Vladimir-Knežević, Sanda. Comparative phenolic profiles of monovarietal wines from different Croatian regions. // <i>Applied sciences (Basel)</i> , 13 (2023), 5; 3031, 20	2,5 (2023.)	2,7 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
				ENGINEERING, MULTIDISCIPLINARY	Q1	1,3 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
48.	Kučić Grgić, Dajana; Miloloža, Martina; Ocelić Bulatović, Vesna; Ukić, Šime; Slouf, Miroslav; Gajdosova, Veronika. Screening the efficacy of a microbial consortium of bacteria and fungi isolated from different environmental samples for the degradation of LDPE/TPS films. // <i>Separations</i> , 10 (2023), 2; 79, 19	2,5 (2023.)	2,6 (2023.)	CHEMISTRY, ANALYTICAL	Q3	2,6 (2023.)
49.	Kurajica, Stanislav; Grčić, Ivana; Minga, Iva; Mandić, Vilko; Mužina, Katarina. Hydrothermally-derived silver-decorated nanocrystalline anatase photocatalyst for Reactive Violet 2 photodegradation. // <i>Processes</i> , 11 (2023), 1; 210, 13	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
50.	Kurajica, Stanislav; Mandić, Vilko; Mužina, Katarina; Panžić, Ivana; Kralj, Damir; Duplancić, Marina; Ivković, Ivana Katarina.	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)

	Thermal stability and properties of Pd/CeAlO ₃ catalyst prepared by combustion synthesis. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 20; 10481-10490			THERMODYNAMICS	Q2	1,9 (2023.)
51.	Kurajica, Stanislav; Mužina, Katarina; Simčić, Ivan; Mandić, Vilko. Thermal evolution of gels prepared by chelation of aluminum sec-butoxide with ethyl acetoacetate in various amounts. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1231-1239	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
52.	Kurajica, Stanislav; Vuković Domanovac, Marija; Mužina, Katarina. Polyol synthesis of Ag nanowires and biocidal activity of the obtained product. // <i>Macedonian journal of chemistry and chemical engineering</i> , 42 (2023), 2; 275-282	1,1 (2023.)	1,0 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,5 (2023.)
				ENGINEERING, CHEMICAL	Q4	2,7 (2023.)
53.	Licht, Katarina; Halkijević, Ivan; Posavčić, Hana; Kosar, Vanja. Study of ultrasound, initial concentration and electrode material on the electrochemical removal of selenium and strontium. // <i>Chemical engineering and processing</i> , 191 (2023), 109457, 10	3,8 (2023.)	3,8 (2023.)	ENERGY & FUELS	Q3	4,0 (2023.)
				ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
54.	Licht, Katarina; Kosar, Vanja; Tomašić, Vesna; Duplančić, Marina. Removal of the neonicotinoid insecticide acetamiprid from wastewater using heterogeneous photocatalysis. // <i>Environmental technology</i> , 44 (2023), 8; 1125-1134	2,2 (2023.)	2,4 (2023.)	ENVIRONMENTAL SCIENCES	Q3	3,0 (2023.)
55.	Liverić, Lovro; Holjevac Grgurić, Tamara; Govorčin Bajsić, Emi; Kršulja, Marko. Effect of silver addition on Cu-based shape memory alloys. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 153-161	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
56.	Liverić, Lovro; Holjevac Grgurić, Tamara; Mandić, Vilko; Chulist, Robert. Influence of manganese content on martensitic transformation of Cu-Al-Mn-Ag alloy. // <i>Materials</i> , 16 (2023), 17; 5782, 13	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
57.	Lončarević, Andrea; Malbaša, Zoran; Kovačić, Marin; Ostojić, Karla; Angaš, Ange; Skoko, Željko; Szpunar, Joanna; Urlić, Inga; Gallego Ferrer, Gloria; Rogina, Anamarija. Copper-zinc/chitosan complex hydrogels: Rheological, degradation and biological properties. // <i>International journal of biological macromolecules</i> , 251 (2023), 126373, 10	7,7 (2023.)	7,7 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2023.)
				CHEMISTRY, APPLIED	Q1	2,3 (2023.)
				POLYMER SCIENCE	Q1	2,6 (2023.)
58.	Lončarević, Andrea; Ostojić, Karla; Urlić, Inga; Rogina, Anamarija. Preparation and properties of bimetallic chitosan spherical microgels. // <i>Polymers</i> , 15 (2023), 6; 1480, 15	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)

59.	Lovrinčević, Vilma; Guo, Yan; Vuk, Dragana; Škorić, Irena; Ma, Jiani; Basarić, Nikola. 3-Substituted 2-aminonaphthalene photocages for carboxylic acids and alcohols; decaging mechanism and potential applications in synthesis. // <i>Journal of organic chemistry</i> , 88 (2023), 21; 15176-15188	3,4 (2023.)	3,2 (2023.)	CHEMISTRY, ORGANIC	Q1	1,9 (2023.)
60.	Lovrinčević, Vilma; Vuk, Dragana; Škorić, Irena; Despotović, Ines. Mechanistic insights into the thermal transformations of heterocyclic o-distyrylbenzenes: an experimental and computational study. // <i>New journal of chemistry</i> , 47 (2023), 38; 17937-17950	2,7 (2023.)	2,8 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
61.	Ljubas, Davor; Juretić, Hrvoje; Badrov, Alan; Biošić, Martina; Babić, Sandra. Photocatalytic degradation of pharmaceutical trimethoprim in aqueous solution over nanostructured TiO ₂ film irradiated with simulated solar radiation. // <i>Applied sciences (Basel)</i> , 13 (2023), 9; 5681, 15	2,5 (2023.)	2,7 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
				ENGINEERING, MULTIDISCIPLINARY	Q1	1,3 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
62.	Ljubek, Gabrijela; Kralj, Magdalena; Kraljić Roković, Marijana. Fluorine-free mechanochemical synthesis of MXene. // <i>Materials science and technology</i> , 39 (2023), 13; 1645-1649	1,7 (2023.)	2,3 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,5 (2023.)
63.	Ljubić, Anabela; Šalić, Anita; Škorić, Irena. Synthesis of hydroxylated stilbenes in a batch and flow reactor: an overview. // <i>ChemistrySelect</i> , 8 (2023), 39; e202303375, 16	1,9 (2023.)	1,9 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,5 (2023.)
64.	Macan, Jelena. Application of thermal analysis methods in biology and medicine. // <i>Periodicum biologorum</i> , 125 (2023), 1-2; 75-100	0,2 (2023.)	0,4 (2023.)	BIOLOGY	Q4	1,9 (2023.)
65.	Mandić, Vilko; Kurajica, Stanislav; Panžić, Ivana; Bafti, Arijeta; Šipušić, Juraj; Mužina, Katarina; Brleković, Filip; Gigli, Lara; Gaboardi, Mattia. Utilization of conventional PXRD apparatus for characterization of thin-films using reconsidered equations for XRR. // <i>Surfaces and interfaces</i> , 36 (2023), 102554, 10	5,7 (2023.)	5,8 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
				PHYSICS, APPLIED	Q1	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q1	2,6 (2023.)
66.	Mandić, Vilko; Panžić, Ivana; Brnardić, Ivan; Jajčinović, Igor; Mičetić, Maja. Lateral and vertical evolution of the compositional and morphological profiles in nanostructured photocatalytic titania thin films. // <i>Applied surface science</i> , 613 (2023), 156047, 27	6,3 (2023.)	5,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
				PHYSICS, APPLIED	Q1	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q1	2,6 (2023.)

67.	Mandić, Vilko; Panžić, Ivana; Kraljić Roković, Marijana; Gaboardi, Mattia. Breakdown of the anodized nanostructured anatase for photovoltaic devices: The effect of water content in the electrolyte on preparation of large surfaces of nanotubes. // <i>Ceramics international</i> , 49 (2023), 9 B; 14844-14854	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q ₁	1,7 (2023.)
68.	Mandić, Vilko; Radovanović-Perić, Floren; Panžić, Ivana; Vrsaljko, Domagoj. Addressing of different synthetic and shaping approaches for β -tri calcium phosphate macro-microporous scaffold fabrication. // <i>Ceramics international</i> , 49 (2023), 9 B; 14934-14940	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q ₁	1,7 (2023.)
69.	Maračić, Silvija; Jakopec, Silvio; Piškor, Martina; Leventić, Marijana; Lapić, Jasmina; Djaković, Senka; Cetina, Mario; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Mechanochemical synthesis and antiproliferative activity of novel ferrocene quinoline/quinolone hybrids. // <i>Applied organometallic chemistry</i> , 37 (2023), 7; e7124, 16	3,7 (2023.)	3,5 (2023.)	CHEMISTRY, APPLIED	Q ₂	2,3 (2023.)
				CHEMISTRY, INORGANIC & NUCLEAR	Q ₂	2,3 (2023.)
70.	Martinez, Sanja; Šoić, Ivana; Golub, Valentino; Hudec, Bojan. Comparative electrochemical impedance spectroscopy quantification of coating weathering, long-term immersion, and salt spray test outcomes. // <i>Corrosion</i> , 79 (2023), 9; 1029-1039	1,1 (2023.)	1,7 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₄	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q ₃	1,5 (2023.)
71.	Matoh, Lev; Žener, Boštjan; Kovačić, Marin; Kušić, Hrvoje; Arčon, Iztok; Levstek, Marjetka; Lavrenčič Štanger, Urška. Photocatalytic sol-gel/P25 TiO ₂ coatings for water treatment: Degradation of 7 selected pharmaceuticals. // <i>Ceramics international</i> , 49 (2023), 14 B; 24395-24406	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q ₁	1,7 (2023.)
72.	Mencaroni, Letizia; Alebardi, Martina; Elisei, Fausto; Škorić, Irena; Spalletti, Anna; Carlotti, Benedetta. Unveiling the double triplet nature of the 2Ag state in conjugated stilbenoid compounds to achieve efficient singlet fission. // <i>Physical chemistry chemical physics</i> , 25 (2023), 31; 21089-21099	2,9 (2023.)	3,0 (2023.)	CHEMISTRY, PHYSICAL	Q ₃	3,2 (2023.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q ₁	2,1 (2023.)
73.	Mikić, Dajana; Otmačić Ćurković, Helena. Protection of patinated bronze with long-chain phosphonic acid/organic coating combined system. // <i>Materials</i> , 16 (2023), 4; 1660, 15	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q ₃	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₂	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q ₁	1,5 (2023.)
				PHYSICS, APPLIED	Q ₂	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q ₂	2,6 (2023.)
74.	Mikleć, Kristina; Grčić, Ivana; Radetić, Lucija; Cingesar, Ivan Karlo; Vrsaljko, Domagoj. Photocatalytic oxidation of amoxicillin in CPC reactor over 3D printed TiO ₂ -CNT@PETG static mixers. // <i>Coatings</i> , 13 (2023), 2; 386, 14	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q ₂	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₃	3,0 (2023.)
				PHYSICS, APPLIED	Q ₂	2,5 (2023.)

75.	Milčić, Nevena; Sudar, Martina; Dokli, Irena; Majerić Elenkov, Maja; Findrik Blažević, Zvezdana. Halohydrin dehalogenase-catalysed synthesis of enantiopure fluorinated building blocks: bottlenecks found and explained by applying a reaction engineering approach. // <i>Reaction chemistry & engineering</i> , 8 (2023), 3; 673-686	3,4 (2023.)	3,8 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
				ENGINEERING, CHEMICAL	Q ₂	2,7 (2023.)
76.	Milčić, Nevena; Švaco, Petra; Sudar, Martina; Tang, Lixia; Findrik Blažević, Zvezdana; Majerić Elenkov, Maja. Impact of organic solvents on the catalytic performance of halohydrin dehalogenase. // <i>Applied microbiology and biotechnology</i> , 107 (2023), 7-8; 2351-2361	3,9 (2023.)	4,9 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₂	2,8 (2023.)
77.	Miloloža, Martina; Rozman, Ula; Kalčikova, Gabriela; Kučić Grgić, Dajana. Aquatic toxicity of polyethylene and microcrystalline cellulose microbeads used as abrasives in cosmetics. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 181-188	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₄	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q ₃	2,7 (2023.)
78.	Mlakić, Milena; Čipor, Ivona; Kovačec, Petra; Kragol, Goran; Ratković, Ana; Kovačević, Tatjana; Zdravac, Rahela; Milašinović, Valentina; Molčanov, Krešimir; Piantanida, Ivo; Škorić, Irena. The benzothiazine core as a novel motif for DNA-binding small molecules. // <i>Molecules</i> , 28 (2023), 11; 4499, 16	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₂	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
79.	Mlakić, Milena; Đurčević, Ema; Odak, Ilijana; Barić, Danijela; Juričević, Ines; Šagud, Ivana; Burčul, Franko; Lasić, Zlata; Marinić, Željko; Škorić, Irena. Thieno-thiazolostilbenes, thienobenzo-thiazoles and naphtho-oxazoles: Computational study and cholinesterase inhibitory activity. // <i>Molecules</i> , 28 (2023), 9; 3781, 22	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₂	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
80.	Mlakić, Milena; Faraho, Ivan; Odak, Ilijana; Kovačević, Borislav; Raspudić, Anamarija; Šagud, Ivana; Bosnar, Martina; Škorić, Irena; Barić, Danijela. Cholinesterase inhibitory and anti-inflammatory activity of the naphtho- and thienobenzo-triazole photoproducts: experimental and computational study. // <i>International journal of molecular sciences</i> , 24 (2023), 19; 14676, 21	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
81.	Mlakić, Milena; Odak, Ilijana; Faraho, Ivan; Bosnar, Martina; Banjanac, Mihailo; Lasić, Zlata; Marinić, Željko; Barić, Danijela; Škorić, Irena. Synthesis, photochemistry, computational study and potential application of new styryl-thiophene and naphtho-thiophene benzylamines. // <i>International journal of molecular sciences</i> , 24 (2023), 1; 610, 21	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
82.	Mlakić, Milena; Selec, Ida; Caleta, Irena; Odak, Ilijana; Barić, Danijela; Ratković, Ana; Molčanov, Krešimir; Škorić, Irena. New thienobenzo/naphtho-triazoles as butyrylcholinesterase inhibitors: design, synthesis and computational study. // <i>International journal of molecular sciences</i> , 24 (2023), 6; 5879, 18	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)

83.	Molnar, Maja; Gazivoda Kraljević, Tatjana; Pavić, Valentina; Rastija, Vesna; Komar, Mario. Environmentally friendly approach to the synthesis of 3-[benzylideneamino]-2-nethylquinazolin-4(3H)-one derivatives and calculation of their toxicity. // <i>Chemistry & biodiversity</i> , 20 (2023), 8; e202300575, 7	2,3 (2023.)	2,5 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q3	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q3	2,5 (2023.)
84.	Morović, Silvia; Vezjak Fluksi, Alegra; Babić, Sandra; Košutić, Krešimir. Impact of polymer chain rearrangements in the PA structure of RO membranes on water permeability and N-nitrosamine rejection. // <i>Molecules</i> , 28 (2023), 16; 6124, 20	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
85.	Mustapić, Mislav; Bafti, Arijeta; Glumac, Zvonko; Pavić, Luka; Skoko, Željko; Šegota, Suzana; Klaser, Teodoro; Nedeljković, Robert; Kamal Masud, Mostafa; Alothman, Asma A.; Sheikh Saleh Mushab, Mohammed; Al Hossain, Md Shahriar. Magnetic nanocellulose: influence of structural features on conductivity and magnetic properties. // <i>Cellulose</i> , 30 (2023), 2; 1149-1169	4,9 (2023.)	5,3 (2023.)	MATERIALS SCIENCE, PAPER & WOOD	Q1	1,2 (2023.)
				MATERIALS SCIENCE, TEXTILES	Q1	1,3 (2023.)
				POLYMER SCIENCE	Q1	2,6 (2023.)
86.	Mutavdžić Pavlović, Dragana; Babić, Sandra; Čizmić, Mirta; Sertić, Miranda; Pinušić, Tea. Simultaneous determination of macrolides in water samples by solid-phase extraction and capillary electrophoresis. // <i>Acta pharmaceutica</i> , 73 (2023), 4; 515-535	2,1 (2023.)	2,4 (2023.)	PHARMACOLOGY & PHARMACY	Q3	2,6 (2023.)
87.	Mužević, Matko; Lukačević, Igor; Kovač, Ivan; Gracin, Davor; Žužić, Andreja; Macan, Jelena; Varga Pajtler, Maja. Potential of AMnO ₃ (A= Ca, Sr, Ba, La) as active layer in inorganic perovskite solar cells. // <i>ChemPhysChem</i> , 24 (2023), 9; e202200837, 9	2,3 (2023.)	2,8 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q2	2,1 (2023.)
88.	Mužina, Katarina; Kurajica, Stanislav; Brleković, Filip; Jozić, Dražan; Dražić, Goran; Volf, Lucija; Bach-Rojecky, Helena. Thermal stability study of hydrothermally derived copper-doped cerium (IV) oxide nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1657-1667	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
89.	Naga Koti Reddy, G.; Venkata Sekhar, A.; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Siva Sesha Reddy, A.; Venkatramaiah, N.; Naga Raju, G.; Ravi Kumar, V.; Veeraiah, N. The influence of Au ₂ O ₃ on insulating character of ZnO-P ₂ O ₅ -SeO ₂ glass system: investigation by means of dielectric studies. // <i>Applied physics. A, Materials science & processing</i> , 129 (2023), 3; 208, 16	2,5 (2023.)	2,6 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
90.	Novak Jovanović, Ivana; Vianello, Robert; Jadreško, Dijana; Racané, Livio; Hranjec, Marijana. Electrochemical oxidation and superoxide radical scavenging activity of 2-hydroxy/methoxy-phenylbenzothiazole derivatives. // <i>Journal of electroanalytical chemistry</i> , 947 (2023), 117787, 11	4,1 (2023.)	4,0 (2023.)	CHEMISTRY, ANALYTICAL	Q1	2,6 (2023.)
				ELECTROCHEMISTRY	Q2	2,7 (2023.)
91.	Očelić Bulatović, Vesna; Kučić Grgić, Dajana; Mandić, Vilko; Miloloža, Martina; Dybal, Jiri; Gajdosova, Veronika; Slouf, Miroslav. Biodegradation of LDPE_TPS blends under controlled composting conditions. // <i>Polymer bulletin</i> , 80 (2023), 3; 3331-3357	3,1 (2023.)	3,0 (2023.)	POLYMER SCIENCE	Q2	2,6 (2023.)

92.	Panžić, Ivana; Mandić, Vilko; Mangalam, Jimmy; Rath, Thomas; Radovanović-Perić, Floren; Gaboardi, Mattia; de Coen, Brend; Bals, Sara; Schrenker, Nadine. In-situ structural degradation study of quadruple-cation perovskite solar cells with nanostructured charge transfer layer. // <i>Ceramics international</i> , 49 (2023), 14 B; 24475-24486	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
93.	Papac, Josipa; García Ballesteros, Sara; Tonković, Stefani; Kovačić, Marin; Tomić, Antonija; Cvetnić, Matija; Kušić, Hrvoje; Senta, Ivan; Terzić, Senka; Ahel, Marijan; Wang, Zhaohui; Lončarić Božić, Ana. Degradation of pharmaceutical memantine by photo-based advanced oxidation processes: Kinetics, pathways and environmental aspects. // <i>Journal of environmental chemical engineering</i> , 11 (2023), 2; 109334, 13	7,4 (2023.)	7,3 (2023.)	ENGINEERING, CHEMICAL	Q1	2,7 (2023.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,7 (2023.)
94.	Papac Zjačić, Josipa; Tonković, Stefani; Pulitika, Anamarija; Katančić, Zvonimir; Kovačić, Marin; Kušić, Hrvoje; Hrnjak-Murgić, Zlata; Lončarić Božić, Ana. Effect of aging on physicochemical properties and size distribution of PET microplastic: influence on adsorption of diclofenac and toxicity assessment. // <i>Toxics</i> , 11 (2023), 7; 615, 16	3,9 (2023.)	4,2 (2023.)	ENVIRONMENTAL SCIENCES	Q2	3,0 (2023.)
				TOXICOLOGY	Q1	2,8 (2023.)
95.	Perović, Klara; Kovačić, Marin; Kraljić Roković, Marijana; Kušić, Hrvoje; Genorio, Boštjan; Lavrenčić Štanger, Urška; Lončarić Božić, Ana. The development of ternary-based TiO ₂ -SnS ₂ /GO-RGO composite material for photocatalytic H ₂ production under Solar light irradiation. // <i>Materials research bulletin</i> , 167 (2023), 112418, 13	5,3 (2023.)	4,5 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
96.	Perović, Klara; Morović, Silvia; Jukić, Ante; Košutić, Krešimir. Alternative to conventional solutions in the development of membranes and hydrogen evolution electrocatalysts for application in proton exchange membrane water electrolysis: a review. // <i>Materials</i> , 16 (2023), 18; 6319, 32	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
97.	Peršić, Ana; Popov, Nina; Kratožil Krehula, Ljerka; Krehula, Stjepko. The influence of different hematite (α -Fe ₂ O ₃) particles on the thermal, optical, mechanical, and barrier properties of LDPE/hematite composites. // <i>Materials</i> , 16 (2023), 2; 706, 14	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)

98.	Petrović, Željka; Ristić, Mira; Kraljić Roković, Marijana; Zadro, Krešo; Kuzmann, Ernő; Homonnay, Zoltán; Musić, Svetozar; Krehula, Stjepko. Effects of Pt and Ru doping on the magnetic, optical, photoelectrochemical and photocatalytic properties of electrospun hematite (α -Fe ₂ O ₃) fibres. // <i>Journal of materials research</i> , 38 (2023), 4; 974-989	2,7 (2023.)	3,0 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
99.	Plenča, Karla; Cvetnić, Sara; Prskalo, Helena; Kovačić, Marin; Cvetnić, Matija; Kušić, Hrvoje; Matusinović, Zvonimir; Kraljić Roković, Marijana; Genorio, Boštjan; Lavrenčič Štangar, Urška; Lončarić Božić, Ana. Biomass pyrolysis-derived biochar: a versatile precursor for graphene synthesis. // <i>Materials</i> , 16 (2023), 24; 7658, 17	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
100.	Popović, Marin; Sharifi, Tayebbeh; Kraljić Roković, Marijana; Genorio, Boštjan; Žener, Boštjan; Peternel, Igor; Lavrenčič Štangar, Urška; Kušić, Hrvoje; Lončarić Božić, Ana; Kovačić, Marin. Enhancing the photocatalytic performance of BiVO ₄ for micropollutant degradation by Fe and Ag photomodification. // <i>Processes</i> , 11 (2023), 9; 2803, 16	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
101.	Prlić Kardum, Jasna; Zokić, Iva; Sokač, Katarina. Could drug availability be improved through shape modification? // <i>Chemical engineering & technology</i> , 46 (2023), 11; 2292-2300	1,8 (2023.)	1,9 (2023.)	ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
102.	Pršir, Kristina; Matic, Mislav; Grbić, Marlena; Mohr, Gerhard J.; Kristafor, Svjetlana; Steinberg, Ivana Murković. Naphthalimide-piperazine derivatives as multifunctional "on" and "off" fluorescent switches for pH, Hg ²⁺ and Cu ²⁺ ions. // <i>Molecules</i> , 28 (2023), 3; 1275, 22	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
103.	Pucko, Ivan; Anelić, Rafael; Faraguna, Fabio. Methacrylate terpolymers with short-chain comonomers as pour point depressants for diesel fuel and blends with biodiesel. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 23; 13363-13373	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
104.	Pucko, Ivan; Crnjac, Kristina; Faraguna, Fabio. Lauric acid-based polyol esters as potential bio-based lubricants for diesel fuel. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 143-151	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
105.	Racané, Livio; Ptiček, Lucija; Koštrun, Sanja; Raić-Malić, Silvana; Craig Taylor, Martin; Delves, Michael; Alsford, Sam; Olmo, Francisco; Fortes Francisco, Amanda; Kelly, John M. Bis-6-amidino-benzothiazole derivative that cures experimental stage 1 African Trypanosomiasis with a single dose. // <i>Journal of medicinal chemistry</i> , 66 (2023), 18; 13043-13057	6,9 (2023.)	7,2 (2023.)	CHEMISTRY, MEDICINAL	Q1	3,4 (2023.)

106.	Racan�, Livio; Zlati�, Katarina; Cindri�, Maja; Mehi�, Emina; Karminski-Zamola, Grace; Taylor, Martin C.; Kelly, John M.; Rai�-Mali�, Silvana; Radi� Stojkovi�, Marijana; Kralj, Marijeta et al. Synthesis and biological activity of 2-benzo[b]thienyl and 2-bithienyl amidino-substituted benzothiazole and benzimidazole derivatives. // <i>ChemMedChem</i> , 18 (2023), 18; e202300261, 13	3,6 (2023.)	3,5 (2023.)	CHEMISTRY, MEDICINAL	Q2	3,4 (2023.)
				PHARMACOLOGY & PHARMACY	Q2	2,6 (2023.)
107.	Racar, Marko; �olji� Jerbi�, Ivana; Glasovac, Zoran; Juki�, Ante. Guanidine catalysts for biodiesel production: Activity, process modelling and optimization. // <i>Renewable energy</i> , 202 (2023), 1046-1053	9,0 (2023.)	8,1 (2023.)	ENERGY & FUELS	Q1	4,0 (2023.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	4,2 (2023.)
108.	Radi�, Gabrije�a; Perovi�, Klara; Sharifi, Tayebbeh; Ku�i�, Hrvoje; Kova�i�, Marin; Kralji� Rokovi�, Marijana. Electrochemical characterisation of the photoanode containing TiO ₂ and SnS ₂ in the presence of various pharmaceuticals. // <i>Catalysts</i> , 13 (2023), 5; 909, 15	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
109.	Radovi�, Renea; Begi�, Gabrije�a; Lu�i� Blagojevi�, Sanja; Karleu�a, Ljerka; �palj, Stjepan; Gobin, Ivana. Temporal dynamics of adhesion of oral bacteria to orthodontic appliances. // <i>Dental materials journal</i> , 42 (2023), 4; 469-477	1,9 (2023.)	2,4 (2023.)	DENTISTRY, ORAL SURGERY & MEDICINE	Q2	1,7 (2023.)
				MATERIALS SCIENCE, BIOMATERIALS	Q4	3,9 (2023.)
110.	Rebrovi�, Lucija; Juki�, Ante; Faraguna, Fabio. Influence of MWCNTs geometry and surface oxidation on rheological and thermal properties of PEG nanofluids. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1351-1364	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
111.	Ressler, Antonia; Ivankovi�, Tomislav; Ivani�evi�, Irena; Cvetni�, Matija; Antunovi�, Maja; Urli�, Inga; Ivankovi�, Hrvoje; Ivankovi�, Marica. Multiphase zinc and magnesium mono-substituted calcium phosphates derived from cuttlefish bone: A multifunctional biomaterials. // <i>Ceramics international</i> , 49 (2023), 7; 11005-11017	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
112.	Ressler, Antonia; Ohlsbom, Roope; �u�i�, Andreja; Gebraad, Arjen; Frankberg, Erkka J.; Pakarinen, Toni-Karri; Ivankovi�, Hrvoje; Miettinen, Susanna; Ivankovi�, Marica. Chitosan/collagen/Mg, Se, Sr, Zn-substituted calcium phosphate scaffolds for bone tissue engineering applications: A growth factor free approach. // <i>European polymer journal</i> , 194 (2023), 112129, 14	5,8 (2023.)	5,3 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
113.	Rezi�, Iva; Me�trovi�, Ernest. Characterization of nanoparticles in antimicrobial coatings for medical applications—a review. // <i>Coatings</i> , 13 (2023), 11; 1830, 19	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
114.	Rujni� Havstad, Maja; Tucman, Ines; Katan�i�, Zvonimir; Pilipovi�, Ana. Influence of ageing on optical, mechanical, and thermal properties of agricultural films. // <i>Polymers</i> , 15 (2023), 17; 3638, 18	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)

115.	Samardžija, Marina; Kurtela, Marin; Vuković Domanovac, Marija; Alar, Vesna. Anticorrosion and antibacterial properties of Al NP-epoxy nanocomposite coating on grey cast iron. // <i>Coatings</i> , 13 (2023), 5; 898, 17	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
116.	Samardžija, Marina; Stojanović, Ivan; Vuković Domanovac, Marija; Alar, Vesna. Epoxy coating modification with metal nanoparticles to improve the anticorrosion, migration, and antibacterial properties. // <i>Coatings</i> , 13 (2023), 7; 1201, 15	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
117.	Satyraj, J.; Naga Koti Reddy, G.; Bafti, Arijeta; Pavić, Luka; Venkata Sekhar, A.; Siva Sesh Reddy, A.; Ravi Kumar, V.; Veeraiah, N. Influence of HgO on dielectric features and a.c. conductivity of lithium phosphate glasses-potential material for applications in energy storage devices as electrolyte. // <i>Journal of non-crystalline solids</i> , 619 (2023), 122575, 11	3,2 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
118.	Schauperl, Zdravko; Ivanković, Luka; Bauer, Leonard; Šolić, Sanja; Ivanković, Marica. Effects of different surface treatments of woven glass fibers on mechanical properties of an acrylic denture base material. // <i>International journal of molecular sciences</i> , 24 (2023), 2; 909, 11	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
119.	Shi, Zhen; Zeng, Hang; Zhang, Zejun; Zhang, Xiaowei; Čurković, Lidija; Mandić, Vilko; Fu, Song; Wang, Wei; Liu, Jun; Zhao, Lizhong; Zhang, Xuefeng. Improvement on corrosion resistance of sintered Nd-Fe-B with bilayer Al/Cr thin films. // <i>Journal of magnetism and magnetic materials</i> , 565 (2023), 170222, 9	2,5 (2023.)	2,5 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, CONDENSED MATTER	Q3	2,6 (2023.)
120.	Šimić, Bojana; Mešić, Vanes; Đapo, Nermin; Movre Šapić, Iva; Vidak, Andrej; Alić, Amina; Erceg, Nataša. Simulation-based and video-based approaches to diversifying physics homework. // <i>Journal of Baltic science education</i> , 22 (2023), 3; 506-519	1,1 (2023.)	1,2 (2023.)	EDUCATION & EDUCATIONAL RESEARCH	Q3	1,2 (2023.)
121.	Sokač Cvetnić, Tea; Šalić, Anita; Benković, Maja; Jurina, Tamara; Valinger, Davor; Gajdoš Kljusurić, Jasenka; Zelić, Bruno; Jurinjak Tušek, Ana. A systematic review of enzymatic kinetics in microreactors. // <i>Catalysts</i> , 13 (2023), 4; 708, 25	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
122.	Suryanarayana, V.; Venkata Sekhar, A.; Bafti, Arijeta; Pavić, Luka; Siva Sesh Reddy, A.; Naga Koti Reddy, G.; Venkatramiah, N.; Ravi Kumar, V.; Veeraiah, N. Dynamical behavior of Ag ions on structural and dielectric features of As ₂ O ₃ glass ceramics containing chalcogenide oxides. // <i>Journal of non-crystalline solids</i> , 610 (2023), 122299, 17	3,2 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
123.	Šabić Runjavec, Monika; Vuković Domanovac, Marija; Jukić, Ante. Application of industrial wastewater and sewage sludge for biohydrogen production. // <i>Energies</i> , 16 (2023), 5; 2383, 15	3,0 (2023.)	3,0 (2023.)	ENERGY & FUELS	Q3	4,0 (2023.)
124.	Šalić, Anita; Ljubić, Anabela; Marčinko, Tomislav; Jurinjak Tušek, Ana; Cvjetko Bubalo, Marina; Tišma, Marina; Zelić, Bruno.	9,8 (2023.)	10,2 (2023.)	ENGINEERING, ENVIRONMENTAL	Q1	3,7 (2023.)

	Shifting the natural deep eutectic solvent based liquid lipase extraction from batch to continuous for more efficient process performance. // <i>Journal of cleaner production</i> , 405 (2023), 136899, 14			ENVIRONMENTAL SCIENCES	Q1	3,0 (2023.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	4,2 (2023.)
125.	Šibalić, Darijo; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Hessel, Volker; Nigam, Krishna D.P.; Tišma, Marina. Synergism of ionic liquids and lipases for lignocellulosic biomass valorization. // <i>Chemical engineering journal</i> , 461 (2023), 142011, 17	13,4 (2023.)	13,2 (2023.)	ENGINEERING, CHEMICAL	Q1	2,7 (2023.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,7 (2023.)
126.	Šitum, Željko; Herceg, Srećko; Bolf, Nenad; Ujević Andrijić, Željka. Design, construction and control of a manipulator driven by pneumatic artificial muscles. // <i>Sensors</i> , 23 (2023), 2; 776, 14	3,4 (2023.)	3,7 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				ENGINEERING, ELECTRICAL & ELECTRONIC	Q2	2,3 (2023.)
				INSTRUMENTS & INSTRUMENTATION	Q2	2,1 (2023.)
127.	Šoić, Ivana; Šoljić, Ines; Eškinja, Magdalena; Mujezinović, Adnan; Martinez, Sanja. The novel paste electrolyte measuring cell for EIS testing of the commonly used surface protection on bronze. // <i>Progress in organic coatings</i> , 177 (2023), 107442, 16	6,5 (2023.)	6,0 (2023.)	CHEMISTRY, APPLIED	Q1	2,3 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
128.	Tomić, Antonija; Kovačić, Marin; Kušić, Hrvoje; Karamanis, Panagiotis; Rasulev, Bakhtiyor; Lončarić Božić, Ana. Structural features promoting photocatalytic degradation of contaminants of emerging concern: insights into degradation mechanism employing QSA/PR modeling. // <i>Molecules</i> , 28 (2023), 6; 2443, 16	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
129.	Turković, Lu; Mutavdžić Pavlović, Dragana; Mlinarić, Zvonimir; Skenderović, Anamarija; Silovski, Tajana; Sertić, Miranda. Optimisation of solid-phase extraction and LC-MS/MS analysis of six breast cancer drugs in patient plasma samples. // <i>Pharmaceuticals</i> , 16 (2023), 10; 1445, 20	4,3 (2023.)	4,6 (2023.)	CHEMISTRY, MEDICINAL	Q2	3,4 (2023.)
				PHARMACOLOGY & PHARMACY	Q1	2,6 (2023.)
130.	Ujčić, Massimo; Levak, Maja; Vranješ Penava, Nina; Govorčin Bajsić, Emi; Kosar, Vanja. Thermal degradation and thermal kinetic of SEBS block copolymer compatibilized PS/HDPE blends. // <i>Journal of elastomers and plastics</i> , 55 (2023), 1; 82-98	1,4 (2023.)	1,8 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,0 (2023.)
				POLYMER SCIENCE	Q4	2,6 (2023.)
131.	Vidak, Andrej; Movre Šapić, Iva; Dananić, Vladimir; Batista, Jadranko. Coulomb's law: augmented reality simulation. // <i>Physics teacher</i> , 61 (2023), 3; 172-174	0,5 (2023.)	0,6 (2023.)	EDUCATION, SCIENTIFIC DISCIPLINES	Q4	1,4 (2023.)
				PHYSICS, MULTIDISCIPLINARY	Q4	1,5 (2023.)
132.	Zdraveva, Emilija; Dolenec, Tamara; Tominac Trcin, Mirna; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara; Tomljenović, Antoneta; Dekaris, Iva; Jelić, Josip; Mijović, Budimir. The reliability of PCL/Anti-VEGF electrospun scaffolds to support limbal stem cells for corneal repair. // <i>Polymers</i> , 15 (2023), 12; 2663, 17	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)

133.	Zelić, Ivana Elizabeta; Tomašić, Vesna; Gomzi, Zoran. Development of a new rotating photocatalytic reactor for the degradation of hazardous pollutants. // <i>International journal of chemical reactor engineering</i> , 21 (2023), 7; 823-833	1,2 (2023.)	1,3 (2023.)	ENGINEERING, CHEMICAL	Q4	2,7 (2023.)
134.	Zeljko, Martina; Lučić Blagojević, Sanja; Ocelić Bulatović, Vesna. The role of titanium dioxide surface modification on UV protective properties of eco-friendly PA coating. // <i>Progress in organic coatings</i> , 174 (2023), 107326, 8	6,5 (2023.)	6,0 (2023.)	CHEMISTRY, APPLIED	Q1	2,3 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
135.	Zlatic, Katarina; Popović, Matija; Uzelac, Lidija; Kralj, Marijeta; Basarić, Nikola. Antiproliferative activity of meso-substituted BODIPY photocages: Effect of electrophiles vs singlet oxygen. // <i>European journal of medicinal chemistry</i> , 259 (2023), 259; 115705, 15	6,0 (2023.)	6,1 (2023.)	CHEMISTRY, MEDICINAL	Q1	3,4 (2023.)
136.	Žužić, Andreja; Car, Filip; Macan, Jelena; Tomašić, Vesna; Gajović, Andreja. Sr-doped calcium and barium manganites as catalysts in heterogeneous oxidation of volatile organic compounds. // <i>Catalysis communications</i> , 178 (2023), 106677, 8	3,4 (2023.)	2,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
137.	Žužić, Andreja; Gracin, Davor; Zubak, Marko; Macan, Jelena; Salamon, Krešimir; Juraić, Krunoslav; Krstulović, Nikša; Radičić, Rafaela; Lukačević, Igor; Mužević, Matko; Gajović, Andreja. The optical properties of strontium manganite thin films prepared by novel phototreatment technique. // <i>Journal of alloys and compounds</i> , 951 (2023), 169972, 8	5,8 (2023.)	5,3 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
138.	Žužić, Andreja; Macan, Jelena. Adsorption of dye from aqueous solution using Sr-doped lanthanum, calcium and barium manganites. // <i>Bulletin of materials science</i> , 46 (2023), 2; 107, 15	1,9 (2023.)	1,9 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
139.	Žužić, Andreja; Pavić, Luka; Bafti, Arijeta; Marijan, Sara; Macan, Jelena; Gajović, Andreja. The role of the A-site cation and crystal structure on the electrical conductivity of strontium-doped calcium and barium manganites. // <i>Journal of alloys and compounds</i> , 935 1 (2023), 167949, 11	5,8 (2023.)	5,3 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)

WoSCC – 2023. (ESCI)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC (ESCI))	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvarti 1	Medijan IF
1.	Balać, Dajana; Antonije Oreški, Gabrijela; Radić, Gabrijela; Kušić, Hrvoje; Perović, Klara; Kraljić Roković, Marijana. Photoelectrocatalytic hydrogen production supported by ascorbic acid. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 179-186	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,5 (2023.)
2.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; José Farré, Maria; Babić, Sandra. Transformation products of contaminants of emerging concern in water by UV-based processes. // <i>Water practice & technology</i> , 18 (2023), 9; 2182-2192	1,6 (2023.)	1,3 (2023.)	WATER RESOURCES	Q3	2,4 (2023.)

3.	Bičanić, Danijela; Čugalj, Antonela; Jajčević, Marko; Lazinica, Antonija; Miloloža, Martina; Kučić Grgić, Dajana. Ekotoksičnost nesteroidnih protuupalnih lijekova na vodene organizme. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 237-245	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
4.	Blažević, Iva; Kos, Krešimir; Kovačević, Mirela; Marković, Tibor; Sović, Lucija; Miloloža, Martina. SPF – super problematična formula? Aktivni sastojci krema za sunčanje u vodenom okolišu. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 257-267	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
5.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Cvetnić, Matija; Očelić Bulatović, Vesna; Mandić, Vilko; Bafti, Arijeta; Ukić, Šime; Kučić Grgić, Dajana; Bolanča, Tomislav. Bacteria and yeasts isolated from the environment in biodegradation of PS and PVC microplastics: screening and treatment optimization. // <i>Environments</i> , 10 (2023), 12; 207, 21	3,5 (2023.)	3,5 (2023.)	ENVIRONMENTAL SCIENCES	Q ²	3,0 (2023.)
6.	Čakar, Mehmet Mervan; Vuković Domanovac, Marija; Findrik Blažević, Zvezdana. Discovery of plastics-degrading enzymes. // <i>Kemija u industriji</i> , 72 (2023), 7-8; 473-485	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
7.	Čemerika, Ema; Milički, Dora; Miloloža, Martina; Kučić Grgić, Dajana; Žižek, Krunoslav; Očelić Bulatović, Vesna. Zeleni biokompoziti na bazi otpada taloga kave. // <i>Kemija u industriji</i> , 73 (2023), 3-4; 215-226	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
8.	Čurić, Ana; Muzica, Katarina; Runjak, Ivana; Vasiljević, Danijela; Miloloža, Martina; Kučić Grgić, Dajana. Koja je cijena pušenja? – Opasnosti za okoliš. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 227-236	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
9.	Govorčin Bajsic, Emi; Meheš, Mario; Benić, Luka. Priprema i karakterizacija mješavina na osnovi termoplastičnog poliuretana i fibroina svile. // <i>Kemija u industriji</i> , 72 (2023), 5-6; 305-315	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
10.	Herceg, Tesa; Ujević Andrijić, Zeljka; Gavran, Matea; Sacher, Josip ; Vrbanić, Ivan; Bolf, Nenad. Primjena neuronskih mreža za procjenu koncentracije otopine ksilometazolin hidroklorida u n-butanolu korištenjem in situ ATR-FTIR spektroskopije. // <i>Kemija u industriji</i> , 72 (2023), 11-12; 639-650	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
11.	Kurajica, Stanislav. Staklokeramika, 70 godina od otkrića. // <i>Kemija u industriji</i> , 72 (2023), 11-12; 665-678	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ⁴	2,5 (2023.)
12.	Ljubek, Gabrijela; Kraljić Roković, Marijana. One-step electrochemical synthesis of PEDOT based composites for supercapacitor applications. // <i>Rudarsko-geološko-naftni zbornik</i> , 38 (2023), 1; 137-148	1,2 (2023.)	1,2 (2023.)	GEOSCIENCES, MULTIDISCIPLINARY	Q ³	2,1 (2023.)
				MINING & MINERAL PROCESSING	Q ³	1,9 (2023.)
13.	Nabgui, Abderrahmane; Brik, Abdelmalik; Agayr, Khalid; Gouhier, Géraldine; Vidović, Elvira; El Haskouri, Jamal; Labat, Béatrice; Lahcini, Mohammed; Thébault, Pascal; El Meziane, Abdellatif. Long-term impact of surfactants on colloidal stability and antibacterial properties of biogenic silver nanoparticle. // <i>Bionanoscience</i> , 13 (2023), 4; 2006-2021	3,0 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, BIOMATERIALS	Q ³	3,9 (2023.)

14.	Papac Zjačić, Josipa; Vujasinović, Magdalena; Kovačić, Marija; Lončarić Božić, Ana; Kušić, Hrvoje; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. From macro to micro plastics; influence of photo-oxidative degradation. // <i>Kemija u industriji</i> , 72 (2023), 7-8; 463-471	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,5 (2023.)
15.	Sacher, Josip; Sejdić, Marko; Gavran, Matea; Bolf, Nenad; Ujević Andrijić, Željka. Proračun optimalnog temperaturnog profila hlađenja šaržnog kristalizatora. // <i>Kemija u industriji</i> , 72 (2023), 7-8; 443-453	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,5 (2023.)
16.	Tutić, Ana; Miloloža, Martina; Cvetnić, Matija; Martinjak, Viktorija; Furač, Lidija; Markić, Marinko; Ukić, Šime; Bolanča, Tomislav; Kučić Grgić, Dajana. An overview of coking wastewater characteristics and treatment technologies. // <i>Kemija u industriji</i> , 72 (2023), 5-6; 349-358	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,5 (2023.)
17.	Vuković Domanovac, Marija; Muzica, Katarina; Čurić, Ana; Šket, Ana; Šabić Runjavac, Monika. Uloga okolišnih mikroorganizama u biorazgradnji ksenobiotika. // <i>Hrvatske vode</i> , 31 (2023), 123; 7-14	-	-	-	-	-
18.	Zelić, Ivana Elizabeta; Tomašić, Vesna; Gomzi, Zoran. Removal of neonicotinoid insecticides in a flat-plate photoreactor. // <i>Kemija u industriji</i> , 72 (2023), 9-10; 537-544	0,6 (2023.)	0,5 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,5 (2023.)
19.	Zokić, Iva; Prlić Kardum, Jasna. Crystallization behavior of ceritinib: characterization and optimization strategies. // <i>ChemEngineering</i> , 7 (2023), 5; 84, 15	2,8 (2023.)	2,6 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)

SCOPUS – 2023.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Babić, Sandra; Ljubas, Davor; Mutavdžić Pavlović, Dragana; Biošić, Martina; Ćurković, Lidija; Dabić, Dario. Comprehensive study on environmental behaviour and degradation by photolytic/photocatalytic oxidation processes of pharmaceutical memantine. // <i>Catalysts</i> , 13 (2023), 3; 612, 17	3,8 (2023.)	Chemistry
			Chemical Engineering
2.	Babić Visković, Bruna; Maslač, Anamaria; Dolar, Davor; Ašperger, Danijela. Use of simulated sunlight radiation and hydrogen peroxide to remove xenobiotics from aqueous solutions. // <i>Processes</i> , 11 (2023), 12; 3403, 19	2,8 (2023.)	Chemical Engineering
3.	Bafti, Arijeta; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Špada, Vedrana. CdSe QDs modified cellulose microfibrils for enhanced humidity sensing properties. // <i>Applied surface science</i> , 612 (2023), 155894, 10	6,3 (2023.)	Chemistry
			Materials Science
4.	Bafti, Arijeta; Rukavina, Marko; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Krajnc, Andraž; Volavšek, Janez. Monitoring of the conductivity properties with respect to the development of geopolymer network. // <i>Ceramics international</i> , 49 (2023), 14 B; 24598-24610	5,1 (2023.)	Physics and Astronomy
			Materials Science
5.	Barbarić, Joško; Žižek, Krunoslav; Rogošić, Marko. Estimation of lurasidone hydrochloride equilibrium solubility in a polymeric solid dispersion using thermal analysis and thermodynamic modeling. // <i>Journal of dispersion science and technology</i> , 44 (2023), 6; 965-978	1,9 (2023.)	Chemical Engineering
			Materials Science
6.	Batelić, Jakov; Špada, Vedrana; Kršulja, Marko; Martinez, Sanja. Thermal-power-plant condenser-tube corrosion analysis. // <i>Materiali in tehnologije</i> , 57 (2023), 4; 317-323	0,6 (2023.)	Chemistry
7.	Bauer, Leonard; Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje.		Materials Science

	Medical-grade poly(lactic acid)/hydroxyapatite composite films: thermal and in vitro degradation properties. // <i>Polymers</i> , 15 (2023), 6; 1512, 16	4,7 (2023.)	Chemistry
8.	Beč, Anja; Cindrić, Maja; Persoons, Leentje; Banjanac, Mihailo; Radovanović, Vedrana; Daelemans, Dirk; Hranjec, Marijana. Novel biologically active N-substituted benzimidazole derived Schiff bases: design, synthesis and biological evaluation. // <i>Molecules</i> , 28 (2023), 9; 3720, 18	4,2 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
9.	Beč, Anja; Racané, Livio; Tomić, Teo; Persoons, Leentje; Daelemans, Dirk; Banjanac, Mihailo; Radovanović, Vedrana; Hranjec, Marijana. Novel hydroxy- and amidino-substituted benzimidazoles and benzothiazoles as antibacterial and antiproliferative agents. // <i>Future medicinal chemistry</i> , 15 (2023), 14; 1251-1272	3,2 (2023.)	Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
10.	Beč, Anja; Racané, Livio; Žonja, Lucija; Persoons, Leentje; Daelemans, Dirk; Starčević, Kristina; Vianello, Robert; Hranjec, Marijana. Biological evaluation of novel amidino substituted coumarin-benzazole hybrids as promising therapeutic agents. // <i>RSC medicinal chemistry</i> , 14 (2023), 5; 957-968	4,1 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
11.	Beč, Anja; Vianello, Robert; Hranjec, Marijana. Synthesis and spectroscopic characterization of multifunctional D- π -A benzimidazole derivatives as potential pH sensors. // <i>Journal of molecular liquids</i> , 386 (2023), 122493, 11	5,3 (2023.)	Physics and Astronomy
			Materials Science
			Chemistry
12.	Begović Kovač, Erna. Convergence of a Jacobi-type method for the approximate orthogonal tensor diagonalization. // <i>Calcolo</i> , 60 (2023), 1; 3, 20	1,4 (2023.)	Mathematics
13.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; José Farré, Maria; Babić, Sandra. Transformation products of contaminants of emerging concern in water by UV-based processes. // <i>Water practice & technology</i> , 18 (2023), 9; 2182-2192	1,6 (2023.)	Environmental Science
14.	Bhadrrao, D.; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Venkata Sekhar, A.; Naga Koti Reddy, G.; Ravi Kumar, V.; Sahaya Baskaran, G.; Naga Raju, G.; Veeraiah, N. Dielectric characteristics and A.C. conductivity of Pb ₃ O ₄ -Bi ₂ O ₃ -B ₂ O ₃ :CuO glass ceramics with CuBi ₂ O ₄ crystal phase: a possible electrode material for ionic batteries. // <i>ECS Journal of solid state science and technology</i> , 12 (2023), 10; 103003, 15	1,8 (2023.)	Materials Science
15.	Blažić, Roko; Marušić, Katarina; Vidović, Elvira. Swelling and viscoelastic properties of cellulose-based hydrogels prepared by free radical polymerization of dimethylaminoethyl methacrylate in cellulose solution. // <i>Gels</i> , 9 (2023), 2; 94, 25	5,0 (2023.)	Materials Science
			Chemistry
			Chemical Engineering
16.	Boček Pavlinac, Ida; Dragić, Mirna; Persoons, Leentje; Daelemans, Dirk; Hranjec, Marijana. Synthesis and antiproliferative activity of 2,6-disubstituted imidazo[4,5-b]pyridines prepared by Suzuki cross coupling. // <i>Molecules</i> , 28 (2023), 20; 7208, 17	4,2 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
17.	Boček Pavlinac, Ida; Zlatić, Katarina; Persoons, Leentje; Daelemans, Dirk; Banjanac, Mihailo; Radovanović, Vedrana; Butković, Kristina; Kralj, Marijeta; Hranjec, Marijana. Biological activity of amidino-substituted imidazo[4,5-b]pyridines. // <i>Molecules</i> , 28 (2023), 1; 34, 16	4,2 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology

18.	Bogdan, Lucija; Palčić, Ana; Duplančić, Marina; Leskovac, Mirela; Tomašić, Vesna. Eco-friendly synthesis of TiO ₂ /ZIF-8 composites: Characterisation and application for the removal of imidacloprid from wastewater. // <i>Processes</i> , 11 (2023), 3; 963, 15	2,8 (2023.)	Chemical Engineering
19.	Božičević, Marin; Fiket, Lucija; Vujasinović, Magdalena; Blažić, Roko; Kovačić, Marin; Katančić, Zvonimir. Investigation of the conditions for the synthesis of poly(3,4-ethylenedioxythiophene) ATRP macroinitiator. // <i>Polymers</i> , 15 (2023), 2; 253, 18	4,7 (2023.)	Materials Science Chemistry
20.	Božinović, Marko; Vičević, Renata; Zekić, Nikolina; Šalić, Anita; Jurinjak Tušek, Ana; Zelić, Bruno. Intensification of endo-1,4-xylanase extraction by coupling microextractors and aqueous two-phase system. // <i>Processes</i> , 11 (2023), 2; 447, 16	2,8 (2023.)	Chemical Engineering
21.	Bratovčić, Amra; Tomašić, Vesna. Design and development of photocatalytic systems for reduction of CO ₂ into valuable chemicals and fuels. // <i>Processes</i> , 11 (2023), 5; 1433, 28	2,8 (2023.)	Chemical Engineering
22.	Brleković, Filip; Mužina, Katarina; Kurajica, Stanislav. Characterization of sol-gel derived cobalt-doped willemite via 2D correlation spectroscopy. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 163-173	1,6 (2023.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
23.	Bubalo, Anđelina; Vouk, Dražen; Ćurković, Lidija; Rogošić, Marko; Nakić, Domagoj; Cheeseman, Christopher. Influence of combustion temperature on the performance of sewage sludge ash as a supplementary material in manufacturing bricks. // <i>Construction and building materials</i> , 404 (2023), 133126, 14	7,4 (2023.)	Engineering Materials Science
24.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Cvetnić, Matija; Kušić, Hrvoje; Bolanča, Tomislav; Kučić Grgić, Dajana; Ukić, Šime. Potential of advanced oxidation as pretreatment for microplastics biodegradation. // <i>Separations</i> , 10 (2023), 2; 132, 26	2,5 (2023.)	Chemistry Chemical Engineering
25.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Cvetnić, Matija; Ocelić Bulatović, Vesna; Mandić, Vilko; Bafti, Arijeta; Ukić, Šime; Kučić Grgić, Dajana; Bolanča, Tomislav. Bacteria and yeasts isolated from the environment in biodegradation of PS and PVC microplastics: screening and treatment optimization. // <i>Environments</i> , 10 (2023), 12; 207, 21	3,5 (2023.)	Agricultural and Biological Sciences Environmental Science Energy
26.	D'Abbrunzo, Ilenia; Bianco, Emma; Gigli, Lara; Demitri, Nicola; Birolo, Rebecca; Chierotti, Michele R.; Škorić, Irena; Keiser, Jennifer; Häberli, Céclie; Voinovich, Dario; Hasa, Dritan; Perissutti, Beatrice. Praziquantel meets niclosamide: a dual-drug antiparasitic cocrystal. // <i>International journal of pharmaceutics</i> , 644 (2023), 123315, 12	5,3 (2023.)	Pharmacology, Toxicology and Pharmaceutics
27.	Dolar, Davor; Ćurić, Iva; Ašperger, Danijela. Removal, adsorption, and cleaning of pharmaceutical on polyamide RO and NF membranes. // <i>Polymers</i> , 15 (2023), 12; 2745, 14	4,7 (2023.)	Materials Science Chemistry
28.	Gavran, Matea; Ujević Andrijić, Željka; Bolf, Nenad; Rimac, Nikola; Sacher, Josip; Šahnić, Damir. Development of a calibration model for real-time solute concentration monitoring during crystallization of ceritinib using Raman spectroscopy and in-line process microscopy. // <i>Processes</i> , 11 (2023), 12; 3439, 15	2,8 (2023.)	Chemical Engineering
29.	Glavaš, Mladena; Zlatić, Katarina; Jadreško, Dijana; Ljubić, Ivan; Basarić, Nikola. Fluorescent pH sensors based on BODIPY structure sensitive in acidic media. // <i>Dyes and pigments</i> , 220 (2023), 111660, 11	4,1 (2023.)	Chemical Engineering
30.	Gotovuša, Mia; Pečurlić, Ivona; Petrić, Valentino; Huzjak, Paula; Krasić, Marta; Zdravec, Martina; Konjević, Lucija; Faraguna, Fabio. Influence of reaction parameters and feedstock type on the synthesis of fatty acid propyl, butyl, isobutyl, pentyl, and isopentyl esters. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 123-142	1,6 (2023.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
31.	Gotovuša, Mia; Racar, Marko; Konjević, Lucija; Parlov Vuković, Jelena; Faraguna, Fabio.	3,0 (2023.)	Mathematics Engineering

	The influence of the reaction parameters on the synthesis of fatty acid octyl esters and investigation of applications properties of its blends with mineral diesel. // <i>Energies</i> , 16 (2023), 7; 3071, 17		Energy
32.	Grčić, Ivana; Mutavdžić Pavlović, Dragana; Brnardić, Ivan; Gazivoda Kraljević, Tatjana; Tolić Čop, Kristina; Radetić, Lucija; Runje, Mislav. Degradation of typical environmental pollutants (ciprofloxacin, carbamazepine and 17- β estradiol) on supported TiO ₂ photocatalysts: Identification of degradation products and in silico toxicity assessment. // <i>Journal of environmental chemical engineering</i> , 11 (2023), 6; 111438, 14	7,4 (2023.)	Chemical Engineering
			Environmental Science
33.	Gutiérrez, Marina; Verlicchi, Paola; Mutavdžić Pavlović, Dragana. Study of the influence of the wastewater matrix in the adsorption of three pharmaceuticals by powdered activated carbon. // <i>Molecules</i> , 28 (2023), 5; 2098, 21	4,2 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
34.	Herceg, Srećko; Ujević Andrijić, Željka; Rimac, Nikola; Bolf, Nenad. Development of mathematical models for industrial processes using dynamic neural networks. // <i>Mathematics</i> , 11 (2023), 21; 4518, 17	2,3 (2023.)	Mathematics
			Engineering
			Computer Science
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			Physics and Astronomy
			Materials Science
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	Plenča, Karla; Cvetnić, Sara; Prskalo, Helena; Kovačić, Marin; Cvetnić, Matija; Kušić, Hrvoje; Matusinović, Zvonimir; Kraljić Roković, Marijana; Genorio, Boštjan; Lavrenčić Štanger, Urška; Lončarić Božić, Ana. Biomass pyrolysis-derived biochar: a versatile precursor for graphene synthesis. // <i>Materials</i> , 16 (2023), 24; 7658, 17		Materials Science
104.	Popović, Marin; Sharifi, Tayebbeh; Kraljić Roković, Marijana; Genorio, Boštjan; Žener, Boštjan; Peternel, Igor; Lavrenčić Štanger, Urška; Kušić, Hrvoje; Lončarić Božić, Ana; Kovačić, Marin. Enhancing the photocatalytic performance of BiVO ₄ for micropollutant degradation by Fe and Ag photomodification. // <i>Processes</i> , 11 (2023), 9; 2803, 16	2,8 (2023.)	Chemical Engineering
105.	Prebeg, Teodora; Omerčić, Dinka; Erceg, Valentina; Matijašić, Gordana. Comparison of sodium lauryl sulfate and sodium lauryl ether sulfate detergents for decellularization of porcine liver for tissue engineering applications. // <i>Chemical engineering transactions</i> , 100 (2023), 745-750	-	Chemical Engineering
106.	Prlić Kardum, Jasna; Zokić, Iva; Sokač, Katarina. Could drug availability be improved through shape modification? // <i>Chemical engineering & technology</i> , 46 (2023), 11; 2292-2300	1,8 (2023.)	Engineering Chemistry Chemical Engineering
107.	Pršir, Kristina; Matić, Mislav; Grbić, Marlena; Mohr, Gerhard J.; Krištafor, Svjetlana; Steinberg, Ivana Murković. Naphthalimide-piperazine derivatives as multifunctional "on" and "off" fluorescent switches for pH, Hg ²⁺ and Cu ²⁺ ions. // <i>Molecules</i> , 28 (2023), 3; 1275, 22	4,2 (2023.)	Chemistry Pharmacology, Toxicology and Pharmaceutics Biochemistry, Genetics and Molecular Biology
108.	Pucko, Ivan; Anelić, Rafael; Faraguna, Fabio. Methacrylate terpolymers with short-chain comonomers as pour point depressants for diesel fuel and blends with biodiesel. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 23; 13363-13373	3,0 (2023.)	Chemistry Physics and Astronomy
109.	Pucko, Ivan; Crnjac, Kristina; Faraguna, Fabio. Lauric acid-based polyol esters as potential bio-based lubricants for diesel fuel. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 143-151	1,6 (2023.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
110.	Racané, Livio; Ptiček, Lucija; Koštrun, Sanja; Raić-Malić, Silvana; Craig Taylor, Martin; Delves, Michael; Alsford, Sam; Olmo, Francisco; Fortes Francisco, Amanda; Kelly, John M. Bis-6-amidino-benzothiazole derivative that cures experimental stage 1 African Trypanosomiasis with a single dose. // <i>Journal of medicinal chemistry</i> , 66 (2023), 18; 13043-13057	6,9 (2023.)	Pharmacology, Toxicology and Pharmaceutics Biochemistry, Genetics and Molecular Biology
111.	Racané, Livio; Zlatić, Katarina; Cindrić, Maja; Mehić, Emina; Karminski-Zamola, Grace; Taylor, Martin C.; Kelly, John M.; Raić-Malić, Silvana; Radić Stojković, Marijana; Kralj, Marijeta; Hranjec, Marijana. Synthesis and biological activity of 2-benzo[b]thienyl and 2-bithienyl amidino-substituted benzothiazole and benzimidazole derivatives. // <i>ChemMedChem</i> , 18 (2023), 18; e202300261, 13	3,6 (2023.)	Pharmacology, Toxicology and Pharmaceutics Chemistry Biochemistry, Genetics and Molecular Biology
112.	Racar, Marko; Šoljić Jerbić, Ivana; Glasovac, Zoran; Jukić, Ante. Guanidine catalysts for biodiesel production: Activity, process modelling and optimization. // <i>Renewable energy</i> , 202 (2023), 1046-1053	9,0 (2023.)	Energy
113.	Radić, Gabrijela; Perović, Klara; Sharifi, Tayebbeh; Kušić, Hrvoje; Kovačić, Marin; Kraljić Roković, Marijana. Electrochemical characterisation of the photoanode containing TiO ₂ and SnS ₂ in the presence of various pharmaceuticals. // <i>Catalysts</i> , 13 (2023), 5; 909, 15	3,8 (2023.)	Chemistry Chemical Engineering
114.	Radović, Renea; Begić, Gabrijela; Lučić Blagojević, Sanja; Karleuša, Ljerka; Špalj, Stjepan; Gobin, Ivana. Temporal dynamics of adhesion of oral bacteria to orthodontic appliances. // <i>Dental materials journal</i> , 42 (2023), 4; 469-477	1,9 (2023.)	Dentistry Materials Science
115.	Rebrović, Lucija; Jukić, Ante; Faraguna, Fabio.		Chemistry

	Influence of MWCNTs geometry and surface oxidation on rheological and thermal properties of PEG nanofluids. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1351-1364	3,0 (2023.)	Physics and Astronomy
116.	Ressler, Antonia; Ivanković, Tomislav; Ivanišević, Irena; Cvetnić, Matija; Antunović, Maja; Urlić, Inga; Ivanković, Hrvoje; Ivanković, Marica. Multiphase zinc and magnesium mono-substituted calcium phosphates derived from cuttlefish bone: A multifunctional biomaterials. // <i>Ceramics international</i> , 49 (2023), 7; 11005-11017	5,1 (2023.)	Materials Science
			Chemical Engineering
117.	Ressler, Antonia; Ohlsbom, Roope; Žužić, Andreja; Gebraad, Arjen; Frankberg, Erkka J.; Pakarinen, Toni-Karri; Ivanković, Hrvoje; Miettinen, Susanna; Ivanković, Marica. Chitosan/collagen/Mg, Se, Sr, Zn-substituted calcium phosphate scaffolds for bone tissue engineering applications: A growth factor free approach. // <i>European polymer journal</i> , 194 (2023), 112129, 14	5,8 (2023.)	Chemistry
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118.	Rezić, Iva; Meštrović, Ernest. Characterization of nanoparticles in antimicrobial coatings for medical applications—a review. // <i>Coatings</i> , 13 (2023), 11; 1830, 19	2,9 (2023.)	Physics and Astronomy
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119.	Rujnić Havstad, Maja; Tucman, Ines; Katančić, Zvonimir; Pilipović, Ana. Influence of ageing on optical, mechanical, and thermal properties of agricultural films. // <i>Polymers</i> , 15 (2023), 17; 3638, 18	4,7 (2023.)	Materials Science
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120.	Samardžija, Marina; Kurtela, Marin; Vuković Domanovac, Marija; Alar, Vesna. Anticorrosion and antibacterial properties of Al NP-epoxy nanocomposite coating on grey cast iron. // <i>Coatings</i> , 13 (2023), 5; 898, 17	2,9 (2023.)	Physics and Astronomy
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121.	Samardžija, Marina; Stojanović, Ivan; Vuković Domanovac, Marija; Alar, Vesna. Epoxy coating modification with metal nanoparticles to improve the anticorrosion, migration, and antibacterial properties. // <i>Coatings</i> , 13 (2023), 7; 1201, 15	2,9 (2023.)	Physics and Astronomy
			Materials Science
122.	Satyaranju, J.; Naga Koti Reddy, G.; Bafti, Arijeta; Pavić, Luka; Venkata Sekhar, A.; Siva Sesha Reddy, A.; Ravi Kumar, V.; Veeraiah, N. Influence of HgO on dielectric features and a.c. conductivity of lithium phosphate glasses- potential material for applications in energy storage devices as electrolyte. // <i>Journal of non-crystalline solids</i> , 619 (2023), 122575, 11	3,2 (2023.)	Physics and Astronomy
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123.	Schauperl, Zdravko; Ivanković, Luka; Bauer, Leonard; Šolić, Sanja; Ivanković, Marica. Effects of different surface treatments of woven glass fibers on mechanical properties of an acrylic denture base material. // <i>International journal of molecular sciences</i> , 24 (2023), 2; 909, 11	4,9 (2023.)	Chemistry
			Computer Science
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
124.	Shi, Zhen; Zeng, Hang; Zhang, Zejun; Zhang, Xiaowei; Čurković, Lidija; Mandić, Vilko; Fu, Song; Wang, Wei; Liu, Jun; Zhao, Lizhong; Zhang, Xuefeng. Improvement on corrosion resistance of sintered Nd-Fe-B with bilayer Al/Cr thin films. // <i>Journal of magnetism and magnetic materials</i> , 565 (2023), 170222, 9	2,5 (2023.)	Physics and Astronomy
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125.	Šimić, Bojana; Mešić, Vanes; Đapo, Nermin; Movre Šapić, Iva; Vidak, Andrej; Alić, Amina; Erceg, Nataša. Simulation-based and video-based approaches to diversifying physics homework. // <i>Journal of Baltic science education</i> , 22 (2023), 3; 506-519	1,1 (2023.)	Social Sciences
126.	Sokač Cvetnić, Tea; Šalić, Anita; Benković, Maja; Jurina, Tamara; Valinger, Davor; Gajdoš Kljusurić, Jasenka; Zelić, Bruno; Jurinjak Tušek, Ana. A systematic review of enzymatic kinetics in microreactors. // <i>Catalysts</i> , 13 (2023), 4; 708, 25	3,8 (2023.)	Chemistry
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127.	Suryanarayana, V.; Venkata Sekhar, A.; Bafti, Arijeta; Pavić, Luka; Siva Sesha Reddy, A.; Naga Koti Reddy, G.; Venkatramaiah, N.; Ravi Kumar, V.; Veeraiah, N. Dynamical behavior of Ag ions on structural and dielectric features of As ₂ O ₃ glass ceramics containing chalcogenide oxides. // <i>Journal of non-crystalline solids</i> , 610 (2023), 122299, 17	3,2 (2023.)	Physics and Astronomy
			Materials Science
128.	Šabić Runjavec, Monika; Vuković Domanovac, Marija; Jukić, Ante. Application of industrial wastewater and sewage sludge for biohydrogen production. // <i>Energies</i> , 16 (2023), 5; 2383, 15	3,0 (2023.)	Mathematics
			Engineering
			Energy

129.	Šalić, Anita; Ljubić, Anabela; Marčinko, Tomislav; Jurinjak Tušek, Ana; Cvjetko Bubalo, Marina; Tišma, Marina; Zelić, Bruno. Shifting the natural deep eutectic solvent based liquid lipase extraction from batch to continuous for more efficient process performance. // <i>Journal of cleaner production</i> , 405 (2023), 136899, 14	9,8 (2023.)	Business, Management and Accounting;
			Environmental Science
			Engineering
			Energy
130.	Šibalić, Darijo; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Hessel, Volker; Nigam, Krishna D.P.; Tišma, Marina. Synergism of ionic liquids and lipases for lignocellulosic biomass valorization. // <i>Chemical engineering journal</i> , 461 (2023), 142011, 17	13,4 (2023.)	Engineering
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			Environmental Science
			Chemistry
131.	Šitum, Željko; Herceg, Srećko; Bolf, Nenad; Ujević Andrijić, Željka. Design, construction and control of a manipulator driven by pneumatic artificial muscles. // <i>Sensors</i> , 23 (2023), 2; 776, 14	3,4 (2023.)	Physics and Astronomy
			Engineering
			Chemistry
			Computer Science
			Biochemistry, Genetics and Molecular Biology
132.	Šoić, Ivana; Šoljić, Ines; Eškinja, Magdalena; Mujezinović, Adnan; Martinez, Sanja. The novel paste electrolyte measuring cell for EIS testing of the commonly used surface protection on bronze. // <i>Progress in organic coatings</i> , 177 (2023), 107442, 16	6,5 (2023.)	Materials Science
			Chemical Engineering
			Chemistry
133.	Tomić, Antonija; Kovačić, Marin; Kušić, Hrvoje; Karamanis, Panagiotis; Rasulev, Bakhtiyor; Lončarić Božić, Ana. Structural features promoting photocatalytic degradation of contaminants of emerging concern: insights into degradation mechanism employing QSA/PR modeling. // <i>Molecules</i> , 28 (2023), 6; 2443, 16	4,2 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
134.	Turković, Lu; Mutavdžić Pavlović, Dragana; Mlinarić, Zvonimir; Skenderović, Anamarija; Silovski, Tajana; Sertić, Miranda. Optimisation of solid-phase extraction and LC-MS/MS analysis of six breast cancer drugs in patient plasma samples. // <i>Pharmaceuticals</i> , 16 (2023), 10; 1445, 20	4,3 (2023.)	Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
135.	Ujčić, Massimo; Levak, Maja; Vranješ Penava, Nina; Govorčin Bajsić, Emi; Kosar, Vanja. Thermal degradation and thermal kinetic of SEBS block copolymer compatibilized PS/HDPE blends. // <i>Journal of elastomers and plastics</i> , 55 (2023), 1; 82-98	1,4 (2023.)	Materials Science
136.	Vidak, Andrej; Movre Šapić, Iva; Dananić, Vladimir; Batista, Jadranko. Coulomb's law: augmented reality simulation. // <i>Physics teacher</i> , 61 (2023), 3; 172-174	0,5 (2023.)	Social Sciences
137.	Vidak, Andrej; Movre Šapić, Iva; Mešić, Vanes. Verifying the equation for centripetal force: an augmented reality approach. // <i>Physics education</i> , 58 (2023), 1; 015026, 15	-	Physics and Astronomy
			Physics and Astronomy
138.	Vuković Domanovac, Marija; Muzić, Katarina; Curić, Ana; Šket, Ana; Šabić Runjavec, Monika. Uloga okolišnih mikroorganizama u biorazgradnji ksenobiotika. // <i>Hrvatske vode</i> , 31 (2023), 123; 7-14	-	Earth and Planetary Sciences
139.	Zdraveva, Emilija; Dolenec, Tamara; Tominac Trcin, Mirna; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara; Tomljenović, Antoneta; Dekaris, Iva; Jelić, Josip; Mijović, Budimir. The reliability of PCL/Anti-VEGF electrospun scaffolds to support limbal stem cells for corneal repair. // <i>Polymers</i> , 15 (2023), 12; 2663, 17	4,7 (2023.)	Materials Science
			Chemistry
140.	Zelić, Ivana Elizabeta; Tomašić, Vesna; Gomzi, Zoran. Development of a new rotating photocatalytic reactor for the degradation of hazardous pollutants. // <i>International journal of chemical reactor engineering</i> , 21 (2023), 7; 823-833	1,2 (2023.)	Chemical Engineering

141.	Zeljko, Martina; Lučić Blagojević, Sanja; Očelić Bulatović, Vesna. The role of titanium dioxide surface modification on UV protective properties of eco-friendly PA coating. // <i>Progress in organic coatings</i> , 174 (2023), 107326, 8	6,5 (2023.)	Materials Science
			Chemical Engineering
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142.	Zlatić, Katarina; Popović, Matija; Uzelac, Lidija; Kralj, Marijeta; Basarić, Nikola. Antiproliferative activity of meso-substituted BODIPY photocages: Effect of electrophiles vs singlet oxygen. // <i>European journal of medicinal chemistry</i> , 259 (2023), 259; 115705, 15	6,0 (2023.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
143.	Zokić, Iva; Prlić Kardum, Jasna. Crystallization behavior of ceritinib: characterization and optimization strategies. // <i>ChemEngineering</i> , 7 (2023), 5; 84, 15	2,8 (2023.)	Engineering
			Energy
			Chemical Engineering
144.	Žužić, Andreja; Car, Filip; Macan, Jelena; Tomašić, Vesna; Gajović, Andreja. Sr-doped calcium and barium manganites as catalysts in heterogeneous oxidation of volatile organic compounds. // <i>Catalysis communications</i> , 178 (2023), 106677, 8	3,4 (2023.)	Chemistry
			Chemical Engineering
145.	Žužić, Andreja; Gracin, Davor; Zubak, Marko; Macan, Jelena; Salamon, Krešimir; Jurać, Krunoslav; Krstulović, Nikša; Radičić, Rafaela; Lukačević, Igor; Mužević, Matko; Gajović, Andreja. The optical properties of strontium manganite thin films prepared by novel phototreatment technique. // <i>Journal of alloys and compounds</i> , 951 (2023), 169972, 8	5,8 (2023.)	Engineering
			Materials Science
146.	Žužić, Andreja; Macan, Jelena. Adsorption of dye from aqueous solution using Sr-doped lanthanum, calcium and barium manganites. // <i>Bulletin of materials science</i> , 46 (2023), 2; 107, 15	1,9 (2023.)	Engineering
			Materials Science
147.	Žužić, Andreja; Pavić, Luka; Bafti, Arijeta; Marijan, Sara; Macan, Jelena; Gajović, Andreja. The role of the A-site cation and crystal structure on the electrical conductivity of strontium-doped calcium and barium manganites. // <i>Journal of alloys and compounds</i> , 935 1 (2023), 167949, 11	5,8 (2023.)	Engineering
			Materials Science

WoSCC – 2024. (SCI-EXP, SSCI, A&HI)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC (SCI-EXP, SSCI, A&HI))	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvarti l	Medijan IF
1.	Adlešić, Tin. Paradoksi teorije skupova i njihovo prevladavanje: teorija tipova i aksiomatizacija. // <i>Prolegomena</i> , 23 (2024), 2; 271-285	0,1 (2024.)	0,1 (2024.)	-	-	-
2.	Bauer, Leonard; Antunović, Maja; Ivanković, Hrvoje; Ivanković, Marica Biomimetic scaffolds based on Mn ²⁺ -, Mg ²⁺ -, and Sr ²⁺ - substituted calcium phosphates derived from natural sources and polycaprolactone. // <i>Biomimetics</i> , 9 (2024), 1; 30, 16	3,9 (2024.)	4,0 (2024.)	ENGINEERING, MULTIDISCIPLINARY	Q ₁	1,4 (2024.)
				MATERIALS SCIENCE, BIOMATERIALS	Q ₃	4,4 (2024.)
3.	Beč, Anja; Persoons, Leentje; Daelemans, Dirk; Starčević, Kristina; Vianello, Robert; Hranjec, Marijana. Biological activity and computational analysis of novel acrylonitrile derived benzazoles as potent antiproliferative agents for pancreatic adenocarcinoma with antioxidative properties. // <i>Bioorganic chemistry</i> , 147 (2024), 107326, 16	4,7 (2024.)	4,9 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2024.)
				CHEMISTRY, ORGANIC	Q ₁	2,1 (2024.)
4.	Beč, Anja; Zlatić, Katarina; Banjanac, Mihailo; Radovanović, Vedrana; Starčević, Kristina; Kralj, Marijeta; Hranjec, Marijana. Design, synthesis and biological activity of novel methoxy- and hydroxy-substituted N-benzimidazole-derived carboxamides. // <i>Molecules</i> , 29 (2024), 9; 2138, 17	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₂	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,6 (2024.)

5.	Begović Kovač, Erna; Hari, Vjeran. Convergence of the complex block Jacobi methods under the generalized serial pivot strategies. // <i>Linear algebra and its applications</i> , 699 (2024), 421-458	1,1 (2024.)	1,2 (2024.)	MATHEMATICS	Q1	0,7 (2024.)
				MATHEMATICS, APPLIED	Q2	1,1 (2024.)
6.	Begović Kovač, Erna; Periša, Lana. CP decomposition and low-rank approximation of antisymmetric tensors. // <i>Electronic transactions on numerical analysis</i> , 62 (2024), 72-94	1,1 (2024.)	1,2 (2024.)	MATHEMATICS, APPLIED	Q2	1,1 (2024.)
7.	Begović Kovač, Erna; Perković, Ana. Convergence of the Eberlein diagonalization method under the generalized serial pivot strategies. // <i>Electronic transactions on numerical analysis</i> , 60 (2024), 238-255	1,1 (2024.)	1,2 (2024.)	MATHEMATICS, APPLIED	Q2	1,1 (2024.)
8.	Begović Kovač, Erna; Perković, Ana. Trace maximization algorithm for the approximate tensor diagonalization. // <i>Linear and multilinear algebra</i> , 72 (2024), 3; 429-450	1,0 (2024.)	1,2(2024.)	MATHEMATICS	Q2	0,7 (2024.)
9.	Bekavac, Nikša; Benković, Maja; Jurina, Tamara; Valinger, Davor; Gajdoš Kljusurić, Jasenka; Jurinjak Tušek, Ana; Šalić, Anita. Advancements in aqueous two-phase systems for enzyme extraction, purification, and biotransformation. // <i>Molecules</i> , 29 (2024), 16; 3776, 30	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
10.	Bera, Ines; Bašurić, Ivan; Šoić, Ivana; Martinez, Sanja. Investigating the impact of post-weld cleaning and passivation on the performance of austenitic stainless steel using an EIS paste-electrolyte cell. // <i>Journal of solid state electrochemistry</i> , 28 (2024), 8; 2827-2836	2,6 (2024.)	2,5 (2024.)	ELECTROCHEMISTRY	Q3	3,2 (2024.)
11.	Bera, Ines; Šoić, Ivana; Kurajica, Stanislav; Martinez, Sanja. Innovative comparative EIS study of weathering steel: 2-year and 44-year-old natural and artificial patinas. // <i>Electrochimica acta</i> , 498 (2024), 144624, 13	5,6 (2024.)	5,5 (2024.)	ELECTROCHEMISTRY	Q1	3,2 (2024.)
12.	Bertović, Barbara; Šabić Runjavec, Monika; Todorović, Nolla; Zgrebec, Ivan; Vuković Domanovac, Marija. Biotechnological potential of oil-tolerant strains for possible use in bioremediation. // <i>Sustainability</i> , 16 (2024), 2; 563, 16	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q2	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,7 (2024.)
13.	Boček Pavlinac, Ida; Persoons, Leentje; Daelemans, Dirk; Starčević, Kristina; Vianello, Robert; Hranjec, Marijana. Novel acrylonitrile derived imidazo[4,5-b]pyridines as antioxidants and potent antiproliferative agents for pancreatic adenocarcinoma. // <i>International journal of biological macromolecules</i> , 266 (2024), 131239, 16	8,5 (2024.)	8,7 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
				CHEMISTRY, APPLIED	Q1	2,2 (2024.)
				POLYMER SCIENCE	Q1	2,9 (2024.)
14.	Boček Pavlinac, Ida; Starčević, Kristina; Persoons, Leentje; Banjanac, Mihailo; Radovanović, Vedrana; Daelemans, Dirk; Hranjec, Marijana. Novel iminocoumarin imidazo[4,5-b]pyridine derivatives: design, synthesis, and biological evaluation. // <i>Chemistry of heterocyclic compounds</i> , 60 (2024), 1-2; 75-82	1,0 (2024.)	1,1 (2024.)	CHEMISTRY, ORGANIC	Q4	2,1 (2024.)
15.	Bogomolec, Marko; Glavaš, Mladena; Škorić, Irena.	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)

	BODIPY compounds substituted on boron. // <i>Molecules</i> , 29 (2024), 21; 5157, 24			CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
16.	Boroša, Vilim Marijan; Koštan, Kristian; Vičević, Renata; Cingesar, Ivan Karlo; Vrsaljko, Domagoj; Zelić, Bruno; Jurinjak Tušek, Ana; Šalić, Anita. Optimization of glucose dehydrogenase immobilization strategies in a 3D-printed millireactor. // <i>Micromachines</i> , 15 (2024), 12; 1514, 16	3,0 (2024.)	3,1 (2024.)	CHEMISTRY, ANALYTICAL	Q2	2,7 (2024.)
				INSTRUMENTS & INSTRUMENTATION	Q2	2,2 (2024.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	4,1 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
17.	Bratovčić, Amra; Tomašić, Vesna. Photocatalytic composites based on biochar for antibiotic and dye removal in water treatment. // <i>Processes</i> , 12 (2024), 12; 2746, 27	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q3	3,0 (2024.)
18.	Briševac, Debora; Gabelica, Ivana; Ljubas, Davor; Bafti, Arijeta; Matijašić, Gordana; Čurković, Lidija. Effects of TiO ₂ nanoparticles synthesized via microwave assistance on adsorption and photocatalytic degradation of ciprofloxacin. // <i>Molecules</i> , 29 (2024), 12; 2935, 14	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
19.	Brozinčević, Andriana; Grgas, Dijana; Štefanac, Tea; Habuda-Stanić, Mirna; Zelić, Bruno; Landeka Dragičević, Tibela. Cost reduction in the process of biological denitrification by choosing traditional or alternative carbon sources. // <i>Energies</i> , 17 (2024), 15; 3660, 27	3,2 (2024.)	3,1 (2024.)	ENERGY & FUELS	Q3	2,9 (2024.)
20.	Budimir Sacher, Josip; Bolf, Nenad; Sejdić, Marko. Batch cooling crystallization of a model system using direct nucleation control and high-performance in situ microscopy. // <i>Crystals</i> , 14 (2024), 12; 1079, 12	2,4 (2024.)	2,4 (2024.)	CRYSTALLOGRAPHY	Q2	1,9 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
21.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Radovanović-Perić, Floren; Bafti, Arijeta; Ujević Bošnjak, Magdalena; Markić, Marinko; Bolanča, Tomislav; Cvetnić, Matija; Kučić Grgić, Dajana; Ukić, Šime. Evaluation of Fenton, photo-Fenton and Fenton-like processes in degradation of PE, PP, and PVC microplastics. // <i>Water</i> , 16 (2024), 5; 673, 17	3,0 (2024.)	3,3 (2024.)	ENVIRONMENTAL SCIENCES	Q3	3,1 (2024.)
				WATER RESOURCES	Q2	2,2 (2024.)
22.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Ujević Bošnjak, Magdalena; Markić, Marinko; Bolanča, Tomislav; Cvetnić, Matija; Kučić Grgić, Dajana; Ukić, Šime. The potential of AOP pretreatment in the biodegradation of PS and PVC microplastics by <i>Candida parapsilosis</i> . // <i>Water</i> , 16 (2024), 10; 1389, 17	3,0 (2024.)	3,3 (2024.)	ENVIRONMENTAL SCIENCES	Q3	3,1 (2024.)
				WATER RESOURCES	Q2	2,2 (2024.)
23.	Bužančić, Marin; Davoli, Elisa; Velčić, Igor. Effective quasistatic evolution models for perfectly plastic plates with periodic microstructure. // <i>Calculus of variations and partial differential equations</i> , 63 (2024), 4; 93, 56	2,0 (2024.)	2,4 (2024.)	MATHEMATICS	Q1	0,7 (2024.)
				MATHEMATICS, APPLIED	Q1	1,1 (2024.)
24.	Bužančić, Marin; Davoli, Elisa; Velčić, Igor. Effective quasistatic evolution models for perfectly plastic plates with periodic microstructure: The limiting regimes. // <i>Advances in Calculus of Variations</i> , 17 (2024), 4; 1399-1444	1,4 (2024.)	1,5 (2024.)	MATHEMATICS	Q1	0,7 (2024.)
				MATHEMATICS, APPLIED	Q2	1,1 (2024.)

25.	Cazin, Ines; Plevová, Kateřina; Alabiso, Walter; Vidović, Elvira; Schlögl, Sandra. Dual-wavelength vat photopolymerization 3D printing with hybrid acrylate-epoxy resins: influence of resin composition on microstructure and mechanical properties. // <i>Advanced engineering materials</i> , 26 (2024), 8; 2301699, 12	3,3 (2024.)	4,0 (2024.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₂	3,3 (2024.)
26.	Çakar, Mehmet Mervan; Milčić, Nevena; Andreadaki, Theofania; Charnock, Simon; Fessner, Wolf-Dieter; Findrik Blažević, Zvezdana. Kinetic characterization of two neuraminic acid syntheses and evaluation of their application potential. // <i>Applied microbiology and biotechnology</i> , 108 (2024), 1; 446, 18	4,3 (2024.)	5,1 (2024.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₁	2,9 (2024.)
27.	Čevd, Ivana; Cingesar, Ivan Karlo; Marković, Marijan-Pere; Vrsaljko, Domagoj. Development of static mixers for millireactors and their production by vat photopolymerization. // <i>Micromachines</i> , 15 (2024), 6; 682, 18	3,0 (2024.)	3,1 (2024.)	CHEMISTRY, ANALYTICAL	Q ₂	2,7 (2024.)
				INSTRUMENTS & INSTRUMENTATION	Q ₂	2,2 (2024.)
				NANOSCIENCE & NANOTECHNOLOGY	Q ₃	4,1 (2024.)
				PHYSICS, APPLIED	Q ₂	2,7 (2024.)
28.	Čurković, Lidija; Briševac, Debora; Ljubas, Davor; Mandić, Vilko; Gabelica, Ivana. Synthesis, characterization, and photocatalytic properties of sol-gel Ce-TiO ₂ films. // <i>Processes</i> , 12 (2024), 6; 1144, 13	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q ₃	3,0 (2024.)
29.	Daghighi, Amirreza; Casanola-Martin, Gerardo M.; Iduoku, Kweeni; Kušić, Hrvoje; González-Díaz, Humberto; Rasulev, Bakhtiyor. Multi-endpoint acute toxicity assessment of organic compounds using large-scale machine learning modeling. // <i>Environmental science & technology</i> , 58 (2024), 23; 10116-10127	11,3 (2024.)	12,4 (2024.)	ENGINEERING, ENVIRONMENTAL	Q ₁	3,9 (2024.)
				ENVIRONMENTAL SCIENCES	Q ₁	3,1 (2024.)
30.	Despotović, Ines; Petrović, Željka; Katić, Jozefina; Mikić, Dajana. Alendronate as bioactive coating on titanium surfaces: an investigation of CaP-alendronate interactions. // <i>Materials</i> , 17 (2024), 11; 2703, 15	3,2 (2024.)	3,5 (2024.)	CHEMISTRY, PHYSICAL	Q ₃	3,3 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₃	3,3 (2024.)
				METALLURGY & METALLURGICAL ENGINEERING	Q ₂	1,8 (2024.)
				PHYSICS, APPLIED	Q ₂	2,7 (2024.)
				PHYSICS, CONDENSED MATTER	Q ₂	2,8 (2024.)
31.	Domanovac, Tomislav; Kučić Grgić, Dajana; Šabić Runjavec, Monika; Vuković Domanovac, Marija. Design of a bioreactor for aerobic biodegradation of biowaste based on insight into its composition and estimated process parameters. // <i>Processes</i> , 12 (2024), 3; 545, 14	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q ₃	3,0 (2024.)
32.	Drušković, Morana; Vouk, Dražen; Kučić Grgić, Dajana; Šiljeg, Mario. Influence of different proportions of the addition of electrocoagulated metal sludge (EMS) obtained from oily wastewater treatment on the properties of laboratory bricks. // <i>Sustainability</i> , 16 (2024), 10; 4139, 20	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q ₂	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q ₃	4,7 (2024.)
33.	Dutta, Asmita; Krishnappa, Manjunath; Porat, Hani; Lavi, Ronit; Lal, Aneena; Yadav, Manish	9,5 (2024.)	10,3 (2024.)	CHEMISTRY, PHYSICAL	Q ₁	3,3 (2024.)

	Kumar; Mandić, Vilko; Makrinich, Gennady; Laikhtman, Alex; Zak, Alla; Borenstein, Arie. Plasma-treated 1D transition metal dichalcogenides for efficient electrocatalytic hydrogen evolution reaction. // <i>Journal of Materials Chemistry A</i> , 12 (2024), 37; 25176-25185			ENERGY & FUELS	Q1	2,9 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,3 (2024.)
34.	El Assimi, Taha; Boutrouia, El Hassan; Jalit, Iliass; Chekroun, Abir; Khouloud, Mehdi; Beniazza, Redouane; El Meziane, Abdellatif; Ben Youcef, Hicham; Blažic, Roko; Vidović, Elvira; Lahcini, Mohammed. Tailored and sustainable bio-composite thanks to synergetic interactions of polycaprolactone (PCL) and guar gum derivative. // <i>Journal of polymer research</i> , 31 (2024), 11; 329, 13	2,8 (2024.)	2,9 (2024.)	POLYMER SCIENCE	Q3	2,9 (2024.)
35.	Fiket, Lucija; Božičević, Marin; Žagar, Patricia; Jozić, Dražen; Katančić, Zvonimir. Inkjet printed acrylate-urethane modified poly(3,4-ethylenedioxythiophene) flexible conductive films. // <i>Pure and applied chemistry</i> , 96 (2024), 4; 533-548	2,0 (2024.)	2,2 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,6 (2024.)
36.	Gomzi, Zoran; Duplančić, Marina; Tomašić, Vesna. Theoretical and experimental investigation of the influence of intraphase diffusion on the oxidation of toluene over manganese-based oxide. // <i>Environmental technology</i> , 45 (2024), 4; 762-770	2,0 (2024.)	2,3 (2024.)	ENVIRONMENTAL SCIENCES	Q3	3,1 (2024.)
37.	Gotovuša, Mia; Huzjak, Paula; Zadravec, Ivana; Zadravec, Martina; Parlov Vuković, Jelena; Faraguna, Fabio. Biodiesel from higher alcohols for removal of crude oil spills from coastal sediments. // <i>Sustainability</i> , 16 (2024), 19; 8574, 13	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q2	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,7 (2024.)
38.	Grgurević, Karlo; Bramberger, Dora; Miloloža, Martina; Stublić, Krešimir; Ocelić Bulatović, Vesna; Ranilović, Jasmina; Ukić, Šime; Bolanča, Tomislav; Cvetnić, Matija; Markić, Marinko; Kučić Grgić, Dajana. Producing and characterizing polyhydroxyalkanoates from starch and chickpea waste using mixed microbial cultures in solid-state fermentation. // <i>Polymers</i> , 16 (2024), 23; 3407, 26	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
39.	Gutiérrez, Marina; Mutavdžić Pavlović, Dragana; Stipaničev, Draženka; Repec, Siniša; Avolio, Francesco; Zanella, Marcello; Verlicchi, Paola. A thorough analysis of the occurrence, removal and environmental risks of organic micropollutants in a full-scale hybrid membrane bioreactor fed by hospital wastewater. // <i>Science of the total environment</i> , 914 (2024), 169848, 20	8,0 (2024.)	8,7 (2024.)	ENVIRONMENTAL SCIENCES	Q1	3,1 (2024.)
40.	Halkijević, Ivan; Licht, Katarina; Kosar, Vanja; Bogdan, Lucija. Degradation of the neonicotinoid pesticide imidacloprid by electrocoagulation and ultrasound. // <i>Scientific reports</i> , 14 (2024), 1; 8836, 12	3,9 (2024.)	4,3 (2024.)	MULTIDISCIPLINARY SCIENCES	Q1	1,4 (2024.)
41.	Huzak, Miljenko; Lubura Strunjak, Snježana; Vlahek Štok, Andreja.	0,6 (2024.)	0,5 (2024.)	MATHEMATICS	Q3	0,7 (2024.)

	An approximate maximum likelihood estimator of drift parameters in a multidimensional diffusion model. // <i>Glasnik matematički</i> , 59 (2024), 1; 213-258			MATHEMATICS, APPLIED	Q4	1,1 (2024.)
42.	Ibrahim, Ahmed; Tani, Kaoru; Hashi, Kanae; Zhang, Bofan; Homonnay, Zoltán; Kuzmann, Ernő; Bafti, Arijeta; Pavić, Luka; Krehula, Stjepko; Marcuš, Marijan; Kubuki, Shiro. Debye temperature evaluation for secondary battery cathode of α -Sn _x Fe _{1-x} OOH nanoparticles derived from the ⁵⁷ Fe- and ¹¹⁹ Sn-Mössbauer spectra. // <i>International journal of molecular sciences</i> , 25 (2024), 5; 2488, 26	4,9 (2024.)	5,7 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
43.	Jakopec, Silvio; Ferhatović Hamzić, Lejla; Bočkor, Luka; Car, Iris; Perić, Berislav; Kirin, Srećko I.; Sedić, Mirela; Raić-Malić, Silvana. Coumarin-modified ruthenium complexes: Synthesis, characterization, and antiproliferative activity against human cancer cells. // <i>Archiv der Pharmazie</i> , 357 (2024), 9; 2400271, 15	3,6 (2024.)	4,2 (2024.)	CHEMISTRY, MEDICINAL	Q2	3,4 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
				PHARMACOLOGY & PHARMACY	Q2	2,6 (2024.)
44.	Jakopec, Silvio; Pantalon Juraj, Natalija; Jadreško, Dijana; Vianello, Robert; Brozović, Anamaria; Tadić, Vanja; Milić, Lea; Perić, Berislav; Raić-Malić, Silvana; Kirin, Srećko I. Late transition metal complexes of ferrocene-containing nitrogen ligands: Coordination chemistry, electron transfer properties, and tumor cell viability. // <i>Applied organometallic chemistry</i> , 38 (2024), 5; e7415, 26	-	-	-	-	-
45.	Jozinović, Antun; Kovač, Mario; Očelić Bulatović, Vesna; Kučić Grgić, Dajana; Miloloža, Martina; Šubarić, Drago; Ačkar, Đurđica. Biopolymeric blends of thermoplastic starch and polylactide as sustainable packaging materials. // <i>Polymers</i> , 16 (2024), 9; 1268, 26	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
46.	Kania, Henryk; Otmačić Ćurković, Helena; Kudláček, Jan; Kapitanović, Angela; Nackiewicz, Joanna; Černý, Daniel; Konopkin, Grzegorz. The effect of Bi on the kinetics of growths, microstructure and corrosion resistance of hot-dip galvanized coatings. // <i>Materials</i> , 17 (2024), 22; 5604, 18	3,2 (2024.)	3,5 (2024.)	CHEMISTRY, PHYSICAL	Q3	3,3 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,8 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
				PHYSICS, CONDENSED MATTER	Q2	2,8 (2024.)
47.	Kapitanović, Angela; Kokot, Tea; Otmačić Ćurković, Helena. Bronze corrosion protection by bilayer systems: Self-assembled monolayers of phosphonic acid/waterborne acrylic coating. // <i>Progress in organic coatings</i> , 186 (2024), 107984, 11	7,3 (2024.)	7,0 (2024.)	CHEMISTRY, APPLIED	Q1	2,2 (2024.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,8 (2024.)
48.	Katić, Jozefina; Nikolić, Juraj; Juračić, Tea; Klačić, Tin; Namjesnik, Danijel; Begović, Tajana. Surface properties and corrosion protection study of a poly(N-ethyl-4-vinylpyridine) polyelectrolyte-based coating on an electrochemically formed Ti/TiO ₂ surface. // <i>Journal of Materials Chemistry C</i> , 12 (2024), 42; 17241-17253	5,2 (2024.)	5,6 (2024.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,3 (2024.)
				PHYSICS, APPLIED	Q1	2,7 (2024.)

49.	Kittlaus, Steffen; Kardos, Máté Krisztián; Dudás, Katalin Mária; Weber, Nikolaus; Clement, Adrienne; Petkova, Silviya; Sukovic, Danijela; Kučić Grgić, Dajana; Kovacs, Adam; Kocman, David; Moldovan, Constanta; Kirchner, Michal; Gabriel, Oliver; Krampe, Jörg; Zessner, Matthias; Zoboli, Ottavia. A harmonized Danube basin-wide multi-compartment concentration database to support inventories of micropollutant emissions to surface waters. // <i>Environmental sciences Europe</i> , 36 (2024), 1; 52, 21	6,0 (2024.)	6,6 (2024.)	ENVIRONMENTAL SCIENCES	Q1	3,1 (2024.)
50.	Kopitar, Dragana; Marasović, Paula; Vrsaljko, Domagoj. Impact of polylactic acid fibers in cellulose nonwoven mulch blends on biodegradability and performance—an open field study. // <i>Polymers</i> , 16 (2024), 2; 222, 26	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
51.	Kovač, Mario; Ravnjak, Boris; Šubarić, Drago; Vinković, Tomislav; Babić, Jurislav; Ačkar, Đurđica; Lončarić, Ante; Šarić, Antonija; Ocelić Bulatović, Vesna; Jozinović, Antun. Isolation and characterization of starch from different potato cultivars grown in Croatia. // <i>Applied sciences (Basel)</i> , 14 (2024), 2; 909, 12	2,5 (2024.)	2,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,6 (2024.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	1,4 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				PHYSICS, APPLIED	Q3	2,7 (2024.)
52.	Kovačević, Borislav; Šagud, Ivana; Drmić, Katarina Marija; Mlakić, Milena; Škorić, Irena; Babić, Sandra. Experimental and DFT approach to physico-chemical properties of bioactive resveratrol analogues. // <i>Molecules</i> , 29 (2024), 22; 5481, 17	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
53.	Kovačić, Marin; Ivanišević, Irena; Ressler, Antonia; Karamanis, Panagiotis. Experimental and computational insights into the mechanism of destabilization of poly(acrylic acid)-capped silver nanoparticles induced by weak conjugate bases. // <i>Colloids and surfaces. A, Physicochemical and engineering aspects</i> , 690 (2024), 133739, 11	5,4 (2024.)	5,2 (2024.)	CHEMISTRY, PHYSICAL	Q2	3,3 (2024.)
54.	Kovačić, Marin; Tomić, Antonija; Tonković, Stefani; Pulitika, Anamarija; Papac Zjačić, Josipa; Katančić, Zvonimir; Genorio, Boštjan; Kušić, Hrvoje; Lončarić Božić, Ana. Pristine and UV-weathered PET microplastics as water contaminants: appraising the potential of the Fenton process for effective remediation. // <i>Processes</i> , 12 (2024), 4; 844, 12	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q3	3,0 (2024.)
55.	Krivačić, Sara; Boček, Željka; Zubak, Marko; Kojić, Vedran; Kassal, Petar. Flexible ammonium ion-selective electrode based on inkjet-printed graphene solid contact. // <i>Talanta</i> , 279 (2024), 126614, 6	6,1 (2024.)	5,5 (2024.)	CHEMISTRY, ANALYTICAL	Q1	2,7 (2024.)
56.	Krivačić, Sara; Zubak, Marko; Vrsaljko, Domagoj; Kassal, Petar. Application of intense pulsed light in the development of poly(vinyl butyral)-based all-solid-state Ag/AgCl reference electrodes. // <i>Electroanalysis</i> , 36 (2024), 5; e202300368, 9	2,3 (2024.)	2,5 (2024.)	CHEMISTRY, ANALYTICAL	Q3	2,7 (2024.)
				ELECTROCHEMISTRY	Q3	3,2 (2024.)
57.	Kurajica, Stanislav; Mandić, Vilko. Sol-gel synthesis of zinc aluminotitanate, monitoring of chelation, hydrolysis, condensation, and crystallization processes. // <i>Molecules</i> , 29 (2024), 5; 965, 12	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)

58.	Leaković, Emerik; Siems, Karsten; Feussi Tala, Michel; Habazin, Antonia; Findrik Blažević, Zvezdana; Vrsalović Presečki, Ana. Optimization of biocatalytic rhododendrol production from biogenic rhododendrol glycosides. // <i>ACS Sustainable Chemistry & Engineering</i> , 12 (2024), 44; 16329-16339	7,3 (2024.)	8,0 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,6 (2024.)
				ENGINEERING, CHEMICAL	Q1	3,0 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q2	4,7 (2024.)
59.	Lončarević, Andrea; Clara-Trujillo, Sandra; Martínez-Férriz, Arantxa; Blanco-Gómez, Mireia; Gallego-Ferrer, Gloria; Rogina, Anamarija. Chitosan-copper microparticles as doxorubicin microcarriers for bone tumor therapy. // <i>International journal of pharmaceuticals</i> , 659 (2024), 124245, 10	5,2 (2024.)	5,7 (2024.)	PHARMACOLOGY & PHARMACY	Q1	2,6 (2024.)
60.	Lovrinčević, Vilma; Zheng, Dexin; Baudin-Marie, Mélyne; Marić, Mia; Uzelac, Lidija; Škorić, Irena; Ma, Jiani; Vuk, Dragana. Aminonaphthalene and aminoquinoline photocages: meta-effect and photo-release of carboxylic acids and alcohols. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> , 454 (2024), 115715, 15	4,7 (2024.)	4,2 (2024.)	CHEMISTRY, PHYSICAL	Q2	3,3 (2024.)
61.	Ludaš Dujmić, Anja; Radičić, Rafaela; Ercegović Ražić, Sanja; Cingesar, Ivan Karlo; Glogar, Martinia; Jurov, Andrea; Krstulović, Nikša. Characterization of melt-spun recycled PA 6 polymer by adding ZnO nanoparticles during the extrusion process. // <i>Polymers</i> , 16 (2024), 13; 1883, 13	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
62.	Ma, Bo; Yao, Jun; Šolević Knudsen, Tatjana; Sunahara, Geoffrey; Gu, Meirong; Pang, Wancheng; Cao, Ying; Kušić, Hrvoje. Visible light-driven molecular oxygen activation by lead-zinc smelting slag and tartaric acid for efficient organic pollutant degradation and Cr(VI) reduction. // <i>Chemical engineering journal</i> , 494 (2024), 152604, 16	13,2 (2024.)	13,5 (2024.)	ENGINEERING, CHEMICAL	Q1	3,0 (2024.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,9 (2024.)
63.	Mahović Poljaček, Sanja; Priselac, Dino; Tomašegović, Tamara; Leskovic, Mirela; Šoster, Aleš; Stanković Elesini, Urška. Quantitative analysis of morphology and surface properties of poly(lactic acid)/poly(ϵ -caprolactone)/hydrophilic nano-silica blends. // <i>Polymers</i> , 16 (2024), 12; 1739, 21	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
64.	Mahović Poljaček, Sanja; Tomašegović, Tamara; Stržić Jakovljević, Maja; Jamnicki Hanzer, Sonja; Murković Steinberg, Ivana; Žuvić, Iva; Leskovic, Mirela; Lavrić, Gregor; Kavčić, Urška; Karlovits, Igor. Starch-based functional films enhanced with bacterial nanocellulose for smart packaging: physicochemical properties, pH sensitivity and colorimetric response. // <i>Polymers</i> , 16 (2024), 16; 2259, 20	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)

65.	Malzacher, Stephan; Meißner, Dominik; Range, Jan; Findrik Blažević, Zvezdana; Rosenthal, Katrin; Woodley, John M.; Wohlgemuth, Roland; Wied, Peter; Nidetzky, Bernd; Giessmann, Robert T.; Prakinee, Kridsakorn; Chaiyen, Pimchai; Bommarius, Andreas S.; Rohwer, Johann M.; de Souza, Rodrigo O. M. A.; Halling, Peter J.; Pleiss, Jürgen; Kettner, Carsten; Rother, Dörte. The STRENDA biocatalysis guidelines for cataloguing metadata. // <i>Nature Catalysis</i> , 7 (2024), 12; 1245-1249	44,6 (2024.)	47,4 (2024.)	CHEMISTRY, PHYSICAL	Q ₁	3,3 (2024.)
66.	Mandić, Vilko; Bafti, Arijeta; Panžić, Ivana; Radovanović-Perić, Floren. Bio-based aerogels in energy storage systems. // <i>Gels</i> , 10 (2024), 7; 438, 26	5,3 (2024.)	5,4 (2024.)	POLYMER SCIENCE	Q ₁	2,9 (2024.)
67.	Mandura Jarić, Ana; Haramustek, Laura; Nižić Nodilo, Laura; Vrsaljko, Domagoj; Petrović, Predrag; Kuzmić, Sunčica; Jozinović, Antun; Aladić, Krunoslav; Jokić, Stela; Šeremet, Danijela; Vojvodić Cebin, Aleksandra; Komes, Draženka. A novel approach to serving plant-based confectionery—the employment of spray drying in the production of carboxymethyl cellulose-based delivery systems enriched with Teucrium montanum L. extract. // <i>Foods</i> , 13 (2024), 3; 372, 26	5,1 (2024.)	5,6 (2024.)	FOOD SCIENCE & TECHNOLOGY	Q ₁	2,9 (2024.)
68.	Marciel, Alice; Bastos, Alexandre; Pereira, Luiz; Jakka, Suresh Kumar; Borges, Joel; Vaz, Filipe; Peres, Marco; Lorenz, Katharina; Bafti, Arijeta; Pavić, Luka; Silva, Rui; Graça, Manuel. Niobium oxide thin films grown on flexible ITO-coated PET substrates. // <i>Coatings</i> , 14 (2024), 9; 1127, 27	2,8 (2024.)	3,0 (2024.)	MATERIALS SCIENCE, COATINGS & FILMS	Q ₂	2,8 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₃	3,3 (2024.)
				PHYSICS, APPLIED	Q ₂	2,7 (2024.)
69.	Marić, Ana-Katarina; Sudar, Martina; Findrik Blažević, Zvezdana; Vuković Domanovac, Marija. Methanogenesis—general principles and application in wastewater remediation. // <i>Energies</i> , 17 (2024), 21; 5374, 14	3,2 (2024.)	3,1 (2024.)	ENERGY & FUELS	Q ₃	2,9 (2024.)
70.	Marković, Marijan-Pere; Cingesar, Ivan Karlo; Vrsaljko, Domagoj. Maximizing mechanical performance of 3D printed parts through process parameter optimization. // <i>3D printing and additive manufacturing</i> , 11 (2024), 6; e2062-e2074	2,1 (2024.)	2,9 (2024.)	ENGINEERING, MANUFACTURING	Q ₃	3,1 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₃	3,3 (2024.)
71.	Marković, Marijan-Pere; Kassal, Petar; Vrsaljko, Domagoj. Design and fabrication of a pH sensor-coated microreactor system. // <i>IEEE sensors journal</i> , 24 (2024), 20; 32090-32097	4,5 (2024.)	4,7 (2024.)	ENGINEERING, ELECTRICAL & ELECTRONIC	Q ₂	2,5 (2024.)
				INSTRUMENTS & INSTRUMENTATION	Q ₁	2,2 (2024.)
				PHYSICS, APPLIED	Q ₂	2,7 (2024.)
72.	Marković, Marijan-Pere; Žižek, Krunoslav; Soldo, Ksenija; Sunko, Vjeran; Zrno, Julijan; Vrsaljko, Domagoj. 3D printed microfluidic separators for solid/liquid suspensions. // <i>Applied sciences (Basel)</i> , 14 (2024), 17; 7856, 17	2,5 (2024.)	2,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₃	2,6 (2024.)
				ENGINEERING, MULTIDISCIPLINARY	Q ₂	1,4 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₃	3,3 (2024.)
				PHYSICS, APPLIED	Q ₃	2,7 (2024.)

73.	Martinaga, Lela; Ludwig, Roland; Rezić, Iva; Andlar, Martina; Pum, Dietmar; Vrsalović Presečki, Ana. The application of bacteria-derived dehydrogenases and oxidases in the synthesis of gold nanoparticles. // <i>Applied microbiology and biotechnology</i> , 108 (2024), 1; 62, 13	4,3 (2024.)	5,1 (2024.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q1	2,9 (2024.)
74.	Martinez, Sanja; Hudec, Bojan; Šoić, Ivana. Low-frequency EIS interpretation with the potential to predict the durability of protective coatings. // <i>Progress in organic coatings</i> , 197 (2024), 108811, 10	7,3 (2024.)	7,0 (2024.)	CHEMISTRY, APPLIED	Q1	2,2 (2024.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,8 (2024.)
75.	Martinjak, Viktorija; Miložić, Martina; Markić, Marinko; Furač, Lidija; Cvetnić, Matija; Bolanča, Tomislav; Kučić Grgić, Dajana; Ukić, Šime. Revealing the adverse potential of six SARS-CoV-2 antivirals by Aliivibrio fischeri assay: toxicity analysis of single agent solutions and binary mixtures. // <i>Water</i> , 16 (2024), 24; 3607, 16	3,0 (2024.)	3,3 (2024.)	ENVIRONMENTAL SCIENCES	Q3	3,1 (2024.)
				WATER RESOURCES	Q2	2,2 (2024.)
76.	Matić, Petra; Ukić, Šime; Jakobek, Lidija. Adsorption of procyanidins B1 and B2 onto β -glucan: adsorption isotherms and thermodynamics. // <i>Adsorption: journal of the international adsorption society</i> , 30 (2024), 6; 1303-1313	3,1 (2024.)	3,4 (2024.)	CHEMISTRY, PHYSICAL	Q3	3,3 (2024.)
				ENGINEERING, CHEMICAL	Q2	3,0 (2024.)
77.	Mikić, Dajana; Osrečak, Magdalena; Finšgar, Matjaž; Bafti, Arijeta; Otmačić Čurković, Helena. The influence of bronze composition on the protective properties of phosphonic acid films. // <i>Colloids and surfaces. A, Physicochemical and engineering aspects</i> , 689 (2024), 133744, 16	5,4 (2024.)	5,2 (2024.)	CHEMISTRY, PHYSICAL	Q2	3,3 (2024.)
78.	Mikić, Dajana; Radovanović-Perić, Floren; Otmačić Čurković, Helena. Phosphonic acids as corrosion inhibitors and adhesion promoters for organic coatings and bronze. // <i>Materials</i> , 17 (2024), 15; 3710, 17	3,2 (2024.)	3,5 (2024.)	CHEMISTRY, PHYSICAL	Q3	3,3 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,8 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
				PHYSICS, CONDENSED MATTER	Q2	2,8 (2024.)
79.	Miklečić, Josip; Zeljko, Martina; Lučić Blagojević, Sanja; Jirouš-Rajković, Vlatka. The effect of polyacrylate emulsion coating with unmodified and modified nano-TiO ₂ on weathering resistance of untreated and heat-treated wood. // <i>Polymers</i> , 16 (2024), 4; 511, 11	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
80.	Milčić, Nevena; Sudar, Martina; Marić, Ana-Katarina; Kos, Krešimir; Majerić Elenkov, Maja; Findrik Blažević, Zvezdana. HHDH-catalyzed synthesis of enantioenriched fluorinated β -hydroxy nitrile – Process advances through reaction engineering approach. // <i>Industrial & engineering chemistry research</i> , 63 (2024), 16; 7051-7063	3,9 (2024.)	4,0 (2024.)	ENGINEERING, CHEMICAL	Q2	3,0 (2024.)
81.	Mlakić, Milena; Barić, Danijela; Ratković, Ana; Šagud, Ivana; Čipor, Ivona; Piantanida, Ivo; Odak, Ilijana; Škorić, Irena. New charged cholinesterase inhibitors: design, synthesis, and characterization. // <i>Molecules</i> , 29 (2024), 7; 1622, 25	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)

82.	Mrakić, Milena; Čadež, Tena; Šinko, Goran; Škorić, Irena; Kovarik, Zrinka. New heterostilbene and triazole oximes as potential CNS-active and cholinesterase-targeted therapeutics. // <i>Biomolecules</i>, 14 (2024), 6; 679, 37	4,8 (2024.)	5,6 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
83.	Mrakić, Milena; Odak, Ilijana; Barić, Danijela; Talić, Stanislava; Šagud, Ivana; Štefanić, Zoran; Molčanov, Krešimir; Lasić, Zlata; Kovačević, Borislav; Škorić, Irena. New resveratrol analogs as improved biologically active structures: design, synthesis and computational modeling. // <i>Bioorganic chemistry</i>, 143 (2024), 106965, 18	4,7 (2024.)	4,9 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
				CHEMISTRY, ORGANIC	Q1	2,1 (2024.)
84.	Mrakić, Milena; Perinić, Hana; Vušak, Vitomir; Horváth, Ottó; Sampedro, Diego; Losantos, Raúl; Odak, Ilijana; Škorić, Irena. Photochemical transformations of diverse biologically active resveratrol analogs in batch and flow reactors. // <i>Molecules</i>, 29 (2024), 1; 201, 21	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
85.	Mrakić, Milena; Sviben, Maja; Ratković, Ana; Raspudić, Anamarija; Barić, Danijela; Šagud, Ivana; Lasić, Zlata; Odak, Ilijana; Škorić, Irena. Efficient access to new thienobenzo-1,2,3-triazolium salts as preferred dual cholinesterase inhibitors. // <i>Biomolecules</i>, 14 (2024), 11; 1391, 22	4,8 (2024.)	5,6 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
86.	Mrakić, Milena; Talić, Stanislava; Odak, Ilijana; Barić, Danijela; Šagud, Ivana; Škorić, Irena. Cholinesterase inhibition and antioxidative capacity of new heteroaromatic resveratrol analogs: synthesis and physico—chemical properties. // <i>International journal of molecular sciences</i>, 25 (2024), 13; 7401, 24	4,9 (2024.)	5,7 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
87.	Morović, Silvia; Drmić, Katarina Marija; Babić, Sandra; Košutić, Krešimir. Maximizing N-nitrosamine rejection via RO membrane plugging with hexylamine and hexamethylenediamine. // <i>Nanomaterials</i>, 14 (2024), 13; 1117, 23	4,3 (2024.)	4,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,3 (2024.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,1 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
88.	Mužina, Katarina; Kurajica, Stanislav; Bach-Rojacky, Helena; Brleković, Filip; Duplančić, Marina. Combustion synthesis of zirconium-doped ceria nanocatalyst. // <i>Crystals</i>, 14 (2024), 2; 108, 16	2,4 (2024.)	2,4 (2024.)	CRYSTALLOGRAPHY	Q2	1,9 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
89.	Očelić Bulatović, Vesna; Jakić, Miće; Kučić Grgić, Dajana; Jakić, Jelena. Non-isothermal degradation mechanism of micro/nano titanium dioxide-enhanced polycaprolactone biocomposite. // <i>Processes</i>, 12 (2024), 6; 1214, 11	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q3	3,0 (2024.)
90.	Papac Zjačić, Josipa; Katančić, Zvonimir; Kovačić, Marin; Kušić, Hrvoje; Hrnjak-Murgić, Zlata; Dionysiou, Dionysios D.; Karamanis, Panagiotis; Lončarić Božić, Ana. Fragmentation of polypropylene into microplastics promoted by photo-aging; release of metals, toxicity and inhibition of biodegradability. // <i>Science of the total environment</i>, 935 (2024), 173344, 14	8,0 (2024.)	8,7 (2024.)	ENVIRONMENTAL SCIENCES	Q1	3,1 (2024.)
91.	Pavlović, Gordana; Lekšić, Edislav; Meštrović, Ernest.	1,3 (2024.)	2,0 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,6 (2024.)

	Supramolecular synthons in hydrates and solvates of lamotrigine: a tool for cocrystal design. // <i>Acta crystallographica. Section B, Structural science, crystal engineering and materials</i> , 80 (2024), 3; 193-200			CRYSTALLOGRAPHY	Q3	1,9 (2024.)
92.	Perin, Nataša; Lončar, Borka; Kadić, Matej; Kralj, Marijeta; Starčević, Kristina; Carvalho, Rui A.; Jarak, Ivana; Hranjec, Marijana. Design, synthesis, antitumor activity and NMR-based metabolomics of novel amino substituted tetracyclic imidazo[4,5-b]pyridine derivatives. // <i>ChemMedChem</i> , 19 (2024), 17; e202300633, 10	3,4 (2024.)	3,4 (2024.)	CHEMISTRY, MEDICINAL	Q2	3,4 (2024.)
				PHARMACOLOGY & PHARMACY	Q2	2,6 (2024.)
93.	Perović, Klara; Kovačić, Marin; Kraljić Roković, Marijana; Kušić, Hrvoje; Genorio, Boštjan; Lavrenčić Štangar, Urška; Novak Tušar, Nataša; Lončarić Božić, Ana. Enhancement of TiO ₂ -based composite with low carbon-based component ratio for improved hydrogen generation via photocatalytic water splitting. // <i>ChemNanoMat</i> , 10 (2024), 11; e202400121, 13	2,6 (2024.)	2,8 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	4,1 (2024.)
94.	Petrić, Valentino; Hussain, Hussain; Časni, Kristina; Vuckovic, Milana; Schopper, Andreas; Ujević Andrijić, Željka; Kecorius, Simonas; Madueno, Leizel; Kern, Roman; Lovrić, Mario. Ensemble machine learning, deep learning, and time series forecasting: improving prediction accuracy for hourly ambient for ambient air pollutants. // <i>Aerosol and air quality research</i> , 24 (2024), 12; 230317, 16	2,5 (2024.)	2,6 (2024.)	ENVIRONMENTAL SCIENCES	Q3	3,1 (2024.)
95.	Petrović, Marinko; Petrović, Vesna; Mlinar, Zdenko; Babić, Sandra; Jukić, Jerko; Prebeg, Tatjana; Kremer, Dario. Duration of steam distillation affects essential oil fractions in immortelle (<i>Helichrysum italicum</i>). // <i>Horticulturae</i> , 10 (2024), 2; 183, 14	3,0 (2024.)	3,2 (2024.)	HORTICULTURE	Q1	1,6 (2024.)
96.	Popović, Marin; Morović, Silvia; Kovačić, Marin; Košutić, Krešimir. Pharmaceutical removal with photocatalytically active nanocomposite membranes. // <i>Membranes</i> , 14 (2024), 11; 239, 36	3,6 (2024.)	3,9 (2024.)	CHEMISTRY, PHYSICAL	Q2	3,3 (2024.)
				ENGINEERING, CHEMICAL	Q2	3,0 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,3 (2024.)
				POLYMER SCIENCE	Q2	2,9 (2024.)
97.	Pucko, Ivan; Gregurek, Luka; Jukić, Ante; Faraguna, Fabio. Effect of polymethacrylate additive functionalization on low-temperature properties of diesel fuel. // <i>Journal of thermal analysis and calorimetry</i> , 149 (2024), 19; 10765-10774	3,1 (2024.)	3,2 (2024.)	CHEMISTRY, ANALYTICAL	Q2	2,7 (2024.)
				CHEMISTRY, PHYSICAL	Q3	3,3 (2024.)
				THERMODYNAMICS	Q2	2,1 (2024.)
98.	Pugar, Daniel; Haramina, Tatjana; Leskovic, Mirela; Čurković, Lidija. Preparation and characterization of poly(vinyl-alcohol)/chitosan polymer blend films chemically crosslinked with glutaraldehyde: mechanical and thermal investigations. // <i>Molecules</i> , 29 (2024), 24; 5914, 17	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
99.	Pulitika, Anamarija; Karamanis, Panagiotis; Kovačić, Marin; Lončarić Božić, Ana; Kušić, Hrvoje. An atomic-level perspective on the interactions between organic pollutants and PET particles: a comprehensive computational investigation. // <i>ChemPhysChem</i> , 25 (2024), 5; e202300854, 13	2,2 (2024.)	2,5 (2024.)	CHEMISTRY, PHYSICAL	Q4	3,3 (2024.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q3	2,1 (2024.)

100.	Radovanović-Perić, Floren; Panžić, Ivana; Bafti, Arijeta; Mandić, Vilko. Thermal and thermomechanical analysis of amorphous metals: a compact review. // <i>Applied sciences (Basel)</i> , 14 (2024), 17; 7452, 14	2,5 (2024.)	2,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,6 (2024.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	1,4 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				PHYSICS, APPLIED	Q3	2,7 (2024.)
101.	Ressler, Antonia; Zakeri, Setareh; Dias, Joana; Hannula, Markus; Hyttinen, Jari; Ivanković, Hrvoje; Ivanković, Marica; Miettinen, Susanna; Schwentenwein, Martin; Levänen, Erkki; Frankberg, Erka J. Vat photopolymerization of biomimetic bone scaffolds based on Mg, Sr, Zn-substituted hydroxyapatite: Effect of sintering temperature. // <i>Ceramics international</i> , 50 (2024), 15; 27403-27415	5,6 (2024.)	5,2 (2024.)	MATERIALS SCIENCE, CERAMICS	Q1	1,8 (2024.)
102.	Rezić, Iva; Meštrović, Ernest. Challenges of green transition in polymer production: applications in zero energy innovations and hydrogen storage. // <i>Polymers</i> , 16 (2024), 10; 1310, 16	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
103.	Rogošić, Marko; Damjanović, Anja; Logarušić, Marijan; Vukušić Pavičić, Tomislava; Biliškov, Nikola; Cvjetko Bubalo, Marina. Solid-liquid phase behaviour of novel kosmotrope/chaotrope binary mixtures involving sarcosine. // <i>Journal of molecular liquids</i> , 413 (2024), 125944, 9	5,2 (2024.)	5,1 (2024.)	CHEMISTRY, PHYSICAL	Q2	3,3 (2024.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q1	2,1 (2024.)
104.	Roknić, Janina; Despotović, Ines; Katić, Jozefina; Petrović, Željka. Electrospun PVP fibers as carriers of Ca ²⁺ ions to improve the osteoinductivity of titanium-based dental implants. // <i>Molecules</i> , 29 (2024), 17; 4181, 18	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
105.	Sander, Aleksandra; Bival Štefan, Maja; Radetić, Antonela; Petračić, Ana; Kučić Grgić, Dajana; Cvetnić, Matija; Parlov Vuković, Jelena. Advanced spectroscopic characterization, antioxidant and antibacterial activity evaluation, and trace metal analyses of essential oils from star anise, nutmeg, clove, oregano, bay leaves, and lemon peel. // <i>Applied sciences (Basel)</i> , 14 (2024), 23; 11094, 26	2,5 (2024.)	2,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,6 (2024.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	1,4 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				PHYSICS, APPLIED	Q3	2,7 (2024.)
106.	Sander, Aleksandra; Petračić, Ana; Rogošić, Marko; Župan, Mirela; Frljak, Leonarda; Cvetnić, Matija. Feasibility of different methods for separating n-hexane and ethanol. // <i>Separations</i> , 11 (2024), 5; 151, 16	2,7 (2024.)	2,7 (2024.)	CHEMISTRY, ANALYTICAL	Q3	2,7 (2024.)
107.	Sander, Aleksandra; Petračić, Ana; Vrsaljko, Domagoj; Parlov Vuković, Jelena; Hršak, Patricija; Jelavić, Antonija. Continuous purification of biodiesel with deep eutectic solvent in a laboratory Karr column. // <i>Separations</i> , 11 (2024), 3; 71, 16	2,7 (2024.)	2,7 (2024.)	CHEMISTRY, ANALYTICAL	Q3	2,7 (2024.)
108.	Sedić, Krunoslav; Ukrainczyk, Neven; Mandić, Vilko; Gaurina-Medimurec, Nediljka. Carbonation study of new calcium aluminate cement-based CO ₂ injection well sealants. // <i>Construction and building materials</i> , 419 (2024), 135517, 11	8,0 (2024.)	8,6 (2024.)	CONSTRUCTION & BUILDING TECHNOLOGY	Q1	2,1 (2024.)
				ENGINEERING, CIVIL	Q1	2,2 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,3 (2024.)

109.	Skendrović, Dino; Primožič, Mateja; Rezić, Tonči; Vrsalović Presečki, Ana. Mesocellular silica foam as immobilization carrier for production of statin precursors. // <i>International journal of molecular sciences</i> , 25 (2024), 4; 1971, 13	4,9 (2024.)	5,7 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
110.	Skendrović, Dino; Švarc, Anera; Rezić, Tonči; Chernev, Andrey; Rađenović, Aleksandra; Vrsalović Presečki, Ana. Improvement of DERA activity and stability in the synthesis of statin precursors by immobilization on magnetic nanoparticles. // <i>Reaction chemistry & engineering</i> , 9 (2024), 1; 82-90	3,1 (2024.)	3,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
				ENGINEERING, CHEMICAL	Q2	3,0 (2024.)
111.	Sofyane, Asma; Atlas, Salima; Lahcini, Mohammed; Vidović, Elvira; Ameduri, Bruno; Raihane, Mustapha. Insights into hydrophobic (meth)acrylate polymers as coating for slow-release fertilizers to reduce nutrient leaching. // <i>Polymer chemistry</i> , 15 (2024), 33; 3327-3340	4,0 (2024.)	3,9 (2024.)	POLYMER SCIENCE	Q2	2,9 (2024.)
112.	Sokač, Katarina; Miloloža, Martina; Kučić Grgić, Dajana; Žižek, Krunoslav. Polymeric amorphous solid dispersions of dasatinib: formulation and ecotoxicological assessment. // <i>Pharmaceutics</i> , 16 (2024), 4; 551, 18	5,5 (2024.)	5,8 (2024.)	PHARMACOLOGY & PHARMACY	Q1	2,6 (2024.)
113.	Sokač, Katarina; Prebeg, Teodora; Barbarić, Joško; Žižek, Krunoslav. Improving the release rate of lurasidone hydrochloride from fast disintegrating tablets using green solvent evaporation technique. // <i>Journal of dispersion science and technology</i> , 45 (2024), 11; 2083-2092	1,9 (2024.)	2,2 (2024.)	CHEMISTRY, PHYSICAL	Q4	3,3 (2024.)
114.	Sokač, Katarina; Priselec, Paula; Barač, Jelena; Bafti, Arijeta; Taradi, Filip; Žižek, Krunoslav. Investigating the effect of polyvinylpyrrolidone matrix on surface characteristics and dissolution rate of anticancer drug dasatinib. // <i>Journal of applied polymer science</i> , 141 (2024), 27; e55610, 13	2,8 (2024.)	3,0 (2024.)	POLYMER SCIENCE	Q3	2,9 (2024.)
115.	Somogyi Škoc, Maja; Macan, Jelena; Jakovljević, Suzana; Rezić, Iva. Synthesis and characterization of ZnO and TiO ₂ hybrid coatings for textile UV anti-aging protection. // <i>Polymers</i> , 16 (2024), 14; 2001, 17	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
116.	Somogyi Škoc, Maja; Meštrović, Ernest; Mouthuy, Pierre-Alexis; Rezić, Iva. Synthesis, characterization and application of advanced antimicrobial electrospun polymers. // <i>Polymers</i> , 16 (2024), 17; 2443, 23	4,9 (2024.)	5,2 (2024.)	POLYMER SCIENCE	Q1	2,9 (2024.)
117.	Stolar, Tomislav; Pearce, Ben K.D.; Etter, Martin; Truong, Khai-Nghi; Ostojić, Tea; Krajnc, Andraž; Mali, Gregor; Rossi, Barbara; Molčanov, Krešimir; Lončarić, Ivor; Meštrović, Ernest; Užarević, Krunoslav; Grisanti, Luca. Base-pairing of uracil and 2,6-diaminopurine: from cocrystals to photoreactivity // <i>iScience (Cambridge)</i> , 27 (2024), 6; 109894, 13	4,1 (2024.)	4,7 (2024.)	MULTIDISCIPLINARY SCIENCES	Q1	1,4 (2024.)
118.	Stublić, Krešimir; Ranić, Jasmina; Ocelić Bulatović, Vesna; Kučić Grgić, Dajana. Advancing sustainability: utilizing bacterial polyhydroxyalkanoate for food packaging. // <i>Processes</i> , 12 (2024), 9; 1886, 30	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q3	3,0 (2024.)

119.	Sudar, Martina; Milčić, Nevena; Česnik Katulić, Morana; Szekrenyi, Anna; Hernández, Karel; Fekete, Melinda; Wardenga, Rainer; Majerić Elenkov, Maja; Qi, Yuyin; Charnock, Simon; Vasić-Rački, Đurđa; Fessner, Wolf-Dieter; Clapés, Pere; Findrik Blažević, Zvezdana. Cascade enzymatic synthesis of a statin side chain precursor – the role of reaction engineering in process optimization. // <i>RSC Advances</i> , 14 (2024), 29; 21158-21173	4,6 (2024.)	4,3 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
120.	Sušac, Kristina; Vidović, Elvira; Vrsaljko, Domagoj; Jukić, Ante. Synthesis and properties of transparent PMMA/cellulose nanocomposites prepared by in situ polymerization in green solvent. // <i>Polymer composites</i> , 45 (2024), 12; 11434-11446	4,7 (2024.)	4,5 (2024.)	MATERIALS SCIENCE, COMPOSITES	Q2	2,9 (2024.)
				POLYMER SCIENCE	Q2	2,9 (2024.)
121.	Sutlović, Igor; Božić, Vlatka; Raos, Pero; Sutlović, Ana. Determination of freecarbon dioxide emissions in mineral fertilizers production. // <i>Tehnički vjesnik</i> , 31 (2024), 3; 1005-1010	1,4 (2024.)	1,0 (2024.)	ENGINEERING, MULTIDISCIPLINARY	Q3	1,4 (2024.)
122.	Šalić, Anita; Bajo, Matea; Cvjetko Bubalo, Marina; Radović, Mia; Jurinjak Tušek, Ana; Zelić, Bruno; Šamec, Dunja. Extraction of polyphenolic compounds from ginkgo leaves using deep eutectic solvents: A potential solution for the sustainable and environmentally friendly isolation of biflavonoids. // <i>Industrial crops and products</i> , 219 (2024), 119068, 13	6,2 (2024.)	6,2 (2024.)	AGRICULTURAL ENGINEERING	Q1	2,1 (2024.)
				AGRONOMY	Q1	1,6 (2024.)
123.	Šalić, Anita; Šepić, Lina; Turkalj, Iva; Zelić, Bruno; Šamec, Dunja. Comparative analysis of enzyme-, ultrasound-, mechanical-, and chemical-assisted extraction of biflavonoids from ginkgo leaves. // <i>Processes</i> , 12 (2024), 5; 982, 14	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q3	3,0 (2024.)
124.	Šamec, Dunja; Jurčević Šangut, Iva; Karalija, Erna; Šarkanj, Bojan; Zelić, Bruno; Šalić, Anita. 3'-8"-Biflavones: a review of their structural diversity, natural occurrence, role in plants, extraction and identification. // <i>Molecules</i> , 29 (2024), 19; 4634, 49	4,6 (2024.)	5,0 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
125.	Šeremet, Danijela; Žižek, Krunoslav; Žepić, Ivana; Kovačević, Monika; Nižić Nodilo, Laura; Vrsaljko, Domagoj; Katančić, Zvonimir; Sokač, Katarina; Kuzmić, Sunčica; Komes, Draženka. Effect of guar gum-based carriers on the physical and bioactive properties of spray-dried delivery systems of ground ivy (<i>Glechoma hederacea</i> L.). // <i>Food hydrocolloids</i> , 150 (2024), 109658, 12	12,4 (2024.)	13,3 (2024.)	CHEMISTRY, APPLIED	Q1	2,2 (2024.)
				FOOD SCIENCE & TECHNOLOGY	Q1	2,9 (2024.)
126.	Špoljarić, Andrea; Bafti, Arijeta; Vidović, Elvira. Synthesis of bare and modified zerovalent iron nanoparticles and their use in porous polylactic acid composites for methyl orange removal. // <i>Journal of environmental chemical engineering</i> , 12 (2024), 5; 113537, 15	7,2 (2024.)	7,6 (2024.)	ENGINEERING, CHEMICAL	Q1	3,0 (2024.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,9 (2024.)
127.	Švaco, Petra; Milčić, Nevena; Findrik Blažević, Zvezdana; Majerić Elenkov, Maja. Positive effect of lyophilization on the stability of halohydrin dehalogenase. // <i>Process biochemistry</i> , 136 (2024), 324-329	4,0 (2024.)	4,2 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2024.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,9 (2024.)
				ENGINEERING, CHEMICAL	Q2	3,0 (2024.)

128.	Tolić Čop, Kristina; Mutavdžić Pavlović, Dragana; Židanić, Dolores; Lakić, Andrea; Runje, Mislav. Comparison and application of the extraction methods for the determination of pharmaceuticals in water and sediment samples. // <i>Microchemical journal</i> , 205 (2024), 111283, 10	5,1 (2024.)	4,7 (2024.)	CHEMISTRY, ANALYTICAL	Q1	2,7 (2024.)
129.	Tolić Čop, Kristina; Perin, Nataša; Hranjec, Marijana; Runje, Mislav; Vianello, Robert; Gazivoda Kraljević, Tatjana; Mutavdžić Pavlović, Dragana. Insight into the degradation of amino substituted benzimidazo[1,2-a]quinolines via a combined experimental and density functional theory study. // <i>Journal of pharmaceutical and biomedical analysis</i> , 237 (2024), 115767, 12	3,1 (2024.)	3,1 (2024.)	CHEMISTRY, ANALYTICAL	Q2	2,7 (2024.)
				PHARMACOLOGY & PHARMACY	Q2	2,6 (2024.)
130.	Tolić Čop, Kristina; Pranjić, Minea; Vianello, Robert; Stražić Novaković, Dubravka; Mutavdžić Pavlović, Dragana. Elimination of torasemide from aqueous medium: influence of sorption and photocatalytic processes parameters supported by DFT analysis. // <i>Environmental science and pollution research</i> , 31 (2024), 54; 63176-63194	-	-	-	-	-
131.	Torić, Jelena; Karković Marković, Ana; Mustać, Stipe; Pulitika, Anamarija; Jakobušić Brala, Cvijeta; Pilepić, Viktor. Proton-coupled electron transfer and hydrogen tunneling in olive oil phenol reactions. // <i>International journal of molecular sciences</i> , 25 (2024), 12; 6341, 14	4,9 (2024.)	5,7 (2024.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2024.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
132.	Trkmić, Marija; Čurković, Lidija; Ašperger, Danijela; Ujević Bošnjak, Magdalena; Vinković Vrček, Ivana; Matečić Mušanić, Sanja. Ash properties and environmental impact of coal and its blend with patent fuel for climate sustainability. // <i>Sustainability</i> , 16 (2024), 11; 4413, 19	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q2	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,7 (2024.)
133.	Tsiarta, Nikoletta; Gernjak, Wolfgang; Cajner, Hrvoje; Matijašić, Gordana; Čurković, Lidija. Heterogeneous catalytic ozonation of pharmaceuticals: optimization of the process by response surface methodology. // <i>Nanomaterials</i> , 14 (2024), 21; 1747, 24	4,3 (2024.)	4,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,3 (2024.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,1 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
134.	Tsiarta, Nikoletta; Morović, Silvia; Mandić, Vilko; Panžić, Ivana; Blažić, Roko; Čurković, Lidija; Gernjak, Wolfgang Catalytic ozonation of pharmaceuticals using CeO ₂ -CeTiO _x -doped crossflow ultrafiltration ceramic membranes. // <i>Nanomaterials</i> , 14 (2024), 13; 1163, 23	4,3 (2024.)	4,7 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,6 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,3 (2024.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,1 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
135.	Tuksar, Mihaela; Topić, Edi; Rubčić, Mirta; Meštrović, Ernest. Exploring salts of memantine with inorganic anions: from polymorphism and solid-state transitions to potential for drug formulations. // <i>Molecular pharmaceuticals</i> , 21 (2024), 9; 4700-4707	4,5 (2024.)	4,7 (2024.)	MEDICINE, RESEARCH & EXPERIMENTAL	Q2	2,7 (2024.)
				PHARMACOLOGY & PHARMACY	Q1	2,6 (2024.)

136.	Vičević, Renata; Božinović, Marko; Zekić, Nikolina; Novak, Mario; Kučić Grgić, Dajana; Šalić, Anita; Zelić, Bruno. Development of a two-stage bioprocess for the production of bioethanol from the acid hydrolysate of brewer's spent grain. // <i>Energies</i> , 17 (2024), 16; 3975, 19	3,2 (2024.)	3,1 (2024.)	ENERGY & FUELS	Q3	2,9 (2024.)
137.	Vičević, Renata; Šalić, Anita; Jurinjak Tušek, Ana; Zelić, Bruno, Kinetic modelling of Ralstonia eutropha H16 growth on different substrates. // <i>Sustainability</i> , 16 (2024), 23; 10650, 15	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q2	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,7 (2024.)
138.	Vidak, Andrej; Movre Šapić, Iva; Mešić, Vanes; Gomzi, Vjeran. Augmented reality technology in teaching about physics: a systematic review of opportunities and challenges. // <i>European journal of physics</i> , 45 (2024), 2; 023002, 50	0,8 (2024.)	0,8 (2024.)	EDUCATION, SCIENTIFIC DISCIPLINES	Q3	1,6 (2024.)
				PHYSICS, MULTIDISCIPLINARY	Q3	1,8 (2024.)
139.	Vijaya Krishna, Seetepalli; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Bhadrarao, Dhaniseti; Rao, Yeti Dana; Sekhar, Ayyagari Venkata; Babu, Vandana Chitti; Kumar, Vandana Ravi; Veeraiah, Nalluri. Impact of Cr ³⁺ /Mo ⁶⁺ /W ⁶⁺ doping on dipolar relaxation and AC conductivity in Li ₂ O-Al ₂ O ₃ -SiO ₂ glasses. // <i>Physica status solidi. A, Applications and materials science</i> , 221 (2024), 16; 2400243, 15	1,9 (2024.)	1,9 (2024.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				PHYSICS, APPLIED	Q3	2,7 (2024.)
				PHYSICS, CONDENSED MATTER	Q3	2,8 (2024.)
140.	Vijaya Krishna, Seetepalli; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Bhadrarao, Dhaniseti; Rao, Yeti Dana; Sekhar, Ayyagari Venkata; Kumar, Vandana Ravi; Veeraiah, Nalluri. Studies on dielectric features of Li ₂ O-Ga ₂ O ₃ -SiO ₂ : Cr ₂ O ₃ /MoO ₃ /WO ₃ glass systems. // <i>Applied physics. A, Materials science & processing</i> , 130 (2024), 6; 380, 16	2,8 (2024.)	2,8 (2024.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
				PHYSICS, APPLIED	Q2	2,7 (2024.)
141.	Vinceković, Marko; Jurić, Slaven; Vlahoviček-Kahlina, Kristina; Novak, Adrijana; Ivić, Dario; Hazler, Laura; Jurkin, Tanja; Bafti, Arijeta; Šijaković Vujičić, Nataša. Novel copper alginate microspheres as ecological fungicides. // <i>Sustainability</i> , 16 (2024), 13; 5637, 23	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q2	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,7 (2024.)
142.	Yarbay, Rahmiye Zerrin; Şimşek, Veli; Bogdan, Lucija; Tomašić, Vesna. Photocatalytic degradation of neonicotinoids—a comparative study of the efficacy of hybrid photocatalysts. // <i>Processes</i> , 12 (2024), 3; 489, 16	2,8 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q3	3,0 (2024.)
143.	Zeqiri, Lavdim; Ukić, Šime; Ćurković, Lidija; Djokic, Jelena; Kerolli Mustafa, Mihone. Distribution of heavy metals in the surrounding mining region of Kizhnica in Kosovo. // <i>Sustainability</i> , 16 (2024), 16; 6721, 19	3,3 (2024.)	3,6 (2024.)	ENVIRONMENTAL SCIENCES	Q2	3,1 (2024.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,7 (2024.)
144.	Zokić, Iva; Prlić Kardum, Jasna; Crnac, Lana; Sabol, Mirta; Vuić, Juraj; Travančić, Valentina. Modification of ceritinib crystal morphology via spherical crystallization. // <i>Crystals</i> , 14 (2024), 11; 975, 19	2,4 (2024.)	2,4 (2024.)	CRYSTALLOGRAPHY	Q2	1,9 (2024.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC-ESCI)	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvarti 1	Medijan IF
1.	Brleković, Filip; Mužina, Katarina; Kurajica, Stanislav. The influence of alkaline pretreatment of waste nutshell for use in particulate biocomposites. // <i>Journal of composites science</i> , 8 (2024), 1; 26, 15	3,7 (2024.)	3,9 (2024.)	MATERIALS SCIENCE, COMPOSITES	Q ₂	2,9 (2024.)
2.	Bubaš, Pamela; Hećimović, Dora; Mikuličić, Filip; Terzić, Ivana; Miloloža, Martina. Utjecaj COVID-19 obrazaca ponašanja na ekosustave. // <i>Kemija u industriji</i> , 73 (2024), 1-2; 65-74	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)
3.	Čemerika, Ema; Knežević, Andrea; Milički, Dora; Miloloža, Martina. Procjena ekotoksičnosti mikroplastike i nanoplastike na gujavice (kolutičavci, Annelida) i oblice (Nematoda) u tlu. // <i>Kemija u industriji</i> , 73 (2024), 7-8; 303-312	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)
4.	Dornjak, Luka; Faraguna, Fabio; Rogina, Anamarija. Influence of hydroxyapatite content on physical and rheological properties of chitosan-based scaffold. // <i>Tehnički glasnik</i> , 18 (2024), 2; 215-223	0,7 (2024.)	0,7 (2024.)	ENGINEERING, MULTIDISCIPLINARY	Q ₃	1,4 (2024.)
5.	Dornjak, Luka; Rogina, Anamarija. Chitosan/bioactive glass scaffolds as potential drug carriers. // <i>Kemija u industriji</i> , 73 (2024), 13; 525-535	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)
6.	Đurić, Nika; Kučić Grgić, Dajana; Očelić Bulatović, Vesna. Biorazgradive mješavine na bazi polihidroksialkanoata. // <i>Kemija u industriji</i> , 73 (2024), 13; 549-561	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)
7.	Glavinić, Laura; Milčić, Nevena; Findrik Blažević, Zvezdana; Sudar, Martina. Biokataliza u doba zelene revolucije. // <i>Kemija u industriji</i> , 73 (2024), 5-6; 237-248	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)
8.	Grobenski, Paola; Adamić-Golić, Melani; Klunkay, Paola; Sokač, Katarina; Žizek, Krunoslav. Poboljšanje profila oslobađanja lijeka mehanokemijskom pripravom amorfnih čvrstih disperzija. // <i>Kemija u industriji</i> , 73 (2024), 13; 581-590	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)
9.	Kratofil Krehula, Ljerka; Peršić, Ana; Popov, Nina; Krehula, Stjepko. Novel functional polycaprolactone/hematite composites with improved mechanical, thermal, UV-protective and barrier properties. // <i>Journal of composites science</i> , 8 (2024), 12; 544, 16	3,7 (2024.)	3,9 (2024.)	MATERIALS SCIENCE, COMPOSITES	Q ₂	2,9 (2024.)
10.	Kratofil Krehula, Ljerka; Peršić, Ana; Popov, Nina; Krehula, Stjepko. Polymer composites of low-density polyethylene (LDPE) with elongated hematite (α -Fe ₂ O ₃) particles of different shapes. // <i>Journal of composites science</i> , 8 (2024), 2; 73, 18	3,7 (2024.)	3,9 (2024.)	MATERIALS SCIENCE, COMPOSITES	Q ₂	2,9 (2024.)
11.	Lukač, Goran; Bilmez, Ivan; Dejanović, Igor. Application of the Christiansen dividing-wall column configuration for multicomponent system separation. // <i>Kemija u industriji</i> , 73 (2024), 13; 571-579	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₄	2,6 (2024.)

12.	Ljubek, Gabrijela; Kraljić Roković, Marijana; Trinki, Hrvoje. Ugradnja grafenova oksida u sloj vodljivog polimera i naknadna elektrokemijska redukcija. // <i>Kemija u industriji</i> , 73 (2024), 1-2; 7-18	0,7 (2024.)	0,6 (2024.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,6 (2024.)
13.	Mičin, Saša; Ivošević DeNardis, Nadica; Martinez, Sanja; Špada, Vedrana; Malinović, Borislav N. Characterization of wine polyphenols with a carbon/nanoparticle TiO ₂ electrode. // <i>Journal of electrochemical science and engineering</i> , 14 (2024), 5; 583-599	2,6 (2024.)	2,3 (2024.)	ELECTROCHEMISTRY	Q3	3,2 (2024.)
14.	Mitar, Anamarija; Prlić Kardum, Jasna; Lukić, Marija. Efficient impurity removal from model FCC fuel in millireactors using deep eutectic solvents. // <i>ChemEngineering</i> , 8 (2024), 5; 102, 15	3,4 (2024.)	3,1 (2024.)	ENGINEERING, CHEMICAL	Q2	3,0 (2024.)
15.	Otmačić Ćurković, Helena; Kapitanović, Angela; Filipović, Martina; Gorišek, Petra. The effect of coating drying conditions on bronze corrosion protection. // <i>Journal of electrochemical science and engineering</i> , 14 (2024), 2; 247-263	2,6 (2024.)	2,3 (2024.)	ELECTROCHEMISTRY	Q3	3,2 (2024.)
16.	Puntarić, Eda; Pezo, Lato; Zgorelec, Željka; Gunjača, Jerko; Kučić Grgić, Dajana; Voća, Neven. Predicting the future trends of European and national bench-marks in the management of biodegradable municipal waste using artificial neural networks. // <i>Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering</i> , 13 (2024), 234-243	0,6 (2024.)	0,5 (2024.)	AGRICULTURE, MULTIDISCIPLINARY	Q3	1,1 (2024.)
17.	Ressler, Antonia; Marić, Marina Monika; Ohlsbom, Roope; Ivanković, Tomislav; Hannula, Markus; Frankberg, Erkka J.; Gebraad, Arjen; Pakarinen, Toni-Karri; Hyttinen, Jari; Miettinen, Susanna; Ivanković, Hrvoje; Ivanković, Marica. Multifunctional Sr, Mg, Ag-substituted octacalcium phosphate/carboxymethyl chitosan scaffolds: Antibacterial activity and osteogenic differentiation of human mesenchymal stem cells. // <i>Materialia</i> , 34 (2024), 102077, 17	2,9 (2024.)	3,5 (2024.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,3 (2024.)
18.	Vrban, Ivan; Šahnić, Damir; Bolf, Nenad. Artificial neural network models for solution concentration measurement during cooling crystallization of ceritinib. // <i>Tehnički glasnik</i> , 18 (2024), 3; 354-362	0,7 (2024.)	0,7 (2024.)	ENGINEERING, MULTIDISCIPLINARY	Q3	1,4 (2024.)

SCOPUS – 2024.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Adlešić, Tin. Paradoksi teorije skupova i njihovo prevladavanje: teorija tipova i aksiomatizacija. // <i>Prolegomena</i> , 23 (2024), 2; 271-285	0,1 (2024.)	Arts and Humanities: Philosophy
2.	Bauer, Leonard; Antunović, Maja; Ivanković, Hrvoje; Ivanković, Marica Biomimetic scaffolds based on Mn ²⁺ -, Mg ²⁺ -, and Sr ²⁺ - substituted calcium phosphates derived from natural sources and polycaprolactone. // <i>Biomimetics</i> , 9 (2024), 1; 30, 16	3,9 (2024.)	Biochemistry, Genetics and Molecular Biology Chemical Engineering: Engineering Materials Science

3.	Beč, Anja; Persoons, Leentje; Daelemans, Dirk; Starčević, Kristina; Vianello, Robert; Hranjec, Marijana. Biological activity and computational analysis of novel acrylonitrile derived benzazoles as potent antiproliferative agents for pancreatic adenocarcinoma with antioxidative properties. // <i>Bioorganic chemistry</i> , 147 (2024), 107326, 16	4,7 (2024.)	Biochemistry, Genetics and Molecular Biology
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
4.	Beč, Anja; Zlatić, Katarina; Banjanac, Mihailo; Radovanović, Vedrana; Starčević, Kristina; Kralj, Marijeta; Hranjec, Marijana. Design, synthesis and biological activity of novel methoxy- and hydroxy-substituted N-benzimidazole-derived carboxamides. // <i>Molecules</i> , 29 (2024), 9; 2138, 17	4,6 (2024.)	Biochemistry, Genetics and Molecular Biology
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
5.	Begović Kovač, Erna; Hari, Vjeran. Convergence of the complex block Jacobi methods under the generalized serial pivot strategies. // <i>Linear algebra and its applications</i> , 699 (2024), 421-458	1,1 (2024.)	Mathematics
6.	Begović Kovač, Erna; Periša, Lana. CP decomposition and low-rank approximation of antisymmetric tensors. // <i>Electronic transactions on numerical analysis</i> , 62 (2024), 72-94	1,1 (2024.)	Mathematics
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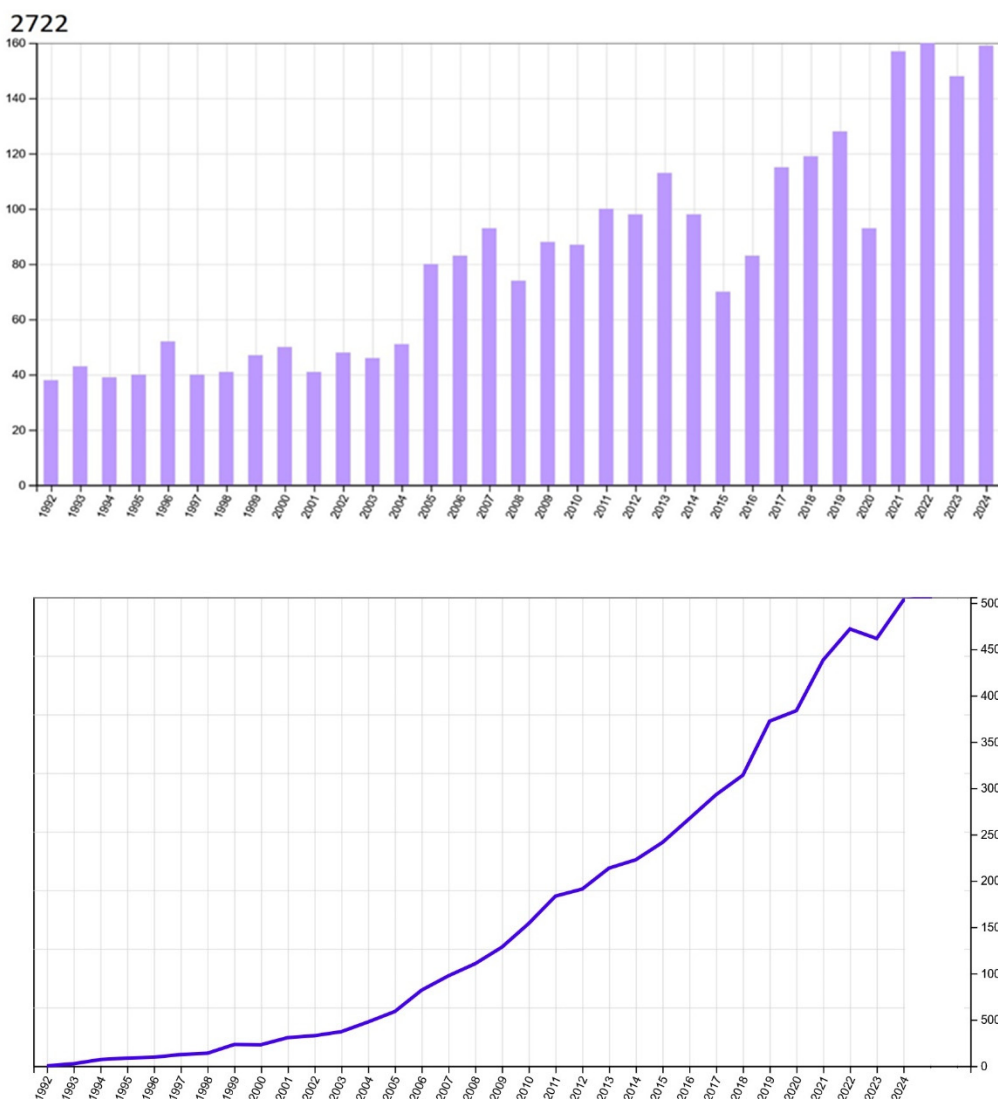
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140.	Trkmić, Marija; Čurković, Lidija; Ašperger, Danijela; Ujević Bošnjak, Magdalena; Vinković Vrček, Ivana; Matečić Mušanić, Sanja. Ash properties and environmental impact of coal and its blend with patent fuel for climate sustainability. // <i>Sustainability</i> , 16 (2024), 11; 4413, 19	3,3 (2024.)	Computer Science Energy Environmental Science Social Sciences
141.	Tsiarta, Nikolett; Gernjak, Wolfgang; Cajner, Hrvoje; Matijašić, Gordana; Čurković, Lidija. Heterogeneous catalytic ozonation of pharmaceuticals: optimization of the process by response surface methodology. // <i>Nanomaterials</i> , 14 (2024), 21; 1747, 24	4,3 (2024.)	Chemical Engineering Materials Science
142.	Tsiarta, Nikolett; Morović, Silvia; Mandić, Vilko; Panžić, Ivana; Blažić, Roko; Čurković, Lidija; Gernjak, Wolfgang Catalytic ozonation of pharmaceuticals using CeO ₂ -CeTiO _x -doped crossflow ultrafiltration ceramic membranes. // <i>Nanomaterials</i> , 14 (2024), 13; 1163, 23	4,3 (2024.)	Chemical Engineering Materials Science
143.	Tuksar, Mihaela; Topić, Edi; Rubčić, Mirta; Meštrović, Ernest. Exploring salts of memantine with inorganic anions: from polymorphism and solid-state transitions to potential for drug formulations. // <i>Molecular pharmaceutics</i> , 21 (2024), 9; 4700-4707	4,5 (2024.)	Biochemistry, Genetics and Molecular Biology Pharmacology, Toxicology and Pharmaceutics
144.	Vičević, Renata; Božinović, Marko; Zekić, Nikolina; Novak, Mario; Kučić Grgić, Dajana; Šalić, Anita; Zelić, Bruno. Development of a two-stage bioprocess for the production of bioethanol from the acid hydrolysate of brewer's spent grain. // <i>Energies</i> , 17 (2024), 16; 3975, 19	3,2 (2024.)	Energy Engineering Mathematics
145.	Vičević, Renata; Šalić, Anita; Jurinjak Tušek, Ana; Zelić, Bruno, Kinetic modelling of Ralstonia eutropha H16 growth on different substrates. // <i>Sustainability</i> , 16 (2024), 23; 10650, 15	3,3 (2024.)	Computer Science Energy Environmental Science Social Sciences
146.	Vidak, Andrej; Movre Šapić, Iva; Mešić, Vanes; Gomzi, Vjeran. Augmented reality technology in teaching about physics: a systematic review of opportunities and challenges. // <i>European journal of physics</i> , 45 (2024), 2; 023002, 50	0,8 (2024.)	Physics and Astronomy Social Sciences
147.	Vidak, Andrej; Movre Šapić, Iva; Simić, Bojana; Mešić, Vanes. The effects of AR-based physics homework on learning circular motion. // <i>Journal of Physics: Conference Series</i> , 2930 (2024), 1; 012010,11		Physics and Astronomy
148.	Vidak, Andrej; Movre Šapić, Iva; Zahtila, Karla. A user experience survey of an augmented reality android application for learning Coulomb's law. // <i>Physics education</i> , 59 (2024), 4; 045033, 11		Physics and Astronomy Social Sciences
149.		1,9 (2024.)	Engineering Materials Science

	Vijaya Krishna, Seetepalli; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Bhadrarao, Dhaniseti; Rao, Yeti Dana; Sekhar, Ayyagari Venkata; Babu, Vandana Chitti; Kumar, Vandana Ravi; Veeraiah, Nalluri. Impact of Cr ³⁺ /Mo ⁶⁺ /W ⁶⁺ doping on dipolar relaxation and AC conductivity in Li ₂ O-Al ₂ O ₃ -SiO ₂ glasses. // <i>Physica status solidi. A, Applications and materials science</i> , 221 (2024), 16; 2400243, 15		Physics and Astronomy
150.	Vijaya Krishna, Seetepalli; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Bhadrarao, Dhaniseti; Rao, Yeti Dana; Sekhar, Ayyagari Venkata; Kumar, Vandana Ravi; Veeraiah, Nalluri. Studies on dielectric features of Li ₂ O-Ga ₂ O ₃ -SiO ₂ : Cr ₂ O ₃ /MoO ₃ /WO ₃ glass systems. // <i>Applied physics. A, Materials science & processing</i> , 130 (2024), 6; 380, 16	2,8 (2024.)	Chemistry
			Materials Science
151.	Vinceković, Marko; Jurić, Slaven; Vlahoviček-Kahlina, Kristina; Novak, Adrijana; Ivić, Dario; Hazler; Laura; Jurkin, Tanja; Bafti, Arijeta; Šijaković Vujičić, Nataša. Novel copper alginate microspheres as ecological fungicides. // <i>Sustainability</i> , 16 (2024), 13; 5637, 23	3,3 (2024.)	Computer Science
			Energy
			Environmental Science
			Social Sciences
152.	Vrban, Ivan; Šahnić, Damir; Bolf, Nenad. Artificial neural network models for solution concentration measurement during cooling crystallization of ceritinib. // <i>Tehnički glasnik</i> , 18 (2024), 3; 354-362	0,7 (2024.)	Business, Management and Accounting
			Computer Science
			Engineering
153.	Yarbay, Rahmiye Zerrin; Şimşek, Veli; Bogdan, Lucija; Tomašić, Vesna. Photocatalytic degradation of neonicotinoids—a comparative study of the efficacy of hybrid photocatalysts. // <i>Processes</i> , 12 (2024), 3; 489, 16	2,8 (2024.)	Chemical Engineering
154.	Zeqiri, Lavdim; Ukić, Šime; Ćurković, Lidija; Djokic, Jelena; Kerolli Mustafa, Mihone. Distribution of heavy metals in the surrounding mining region of Kizhnica in Kosovo. // <i>Sustainability</i> , 16 (2024), 16; 6721, 19	3,3 (2024.)	Computer Science
			Energy
			Environmental Science
			Social Sciences
155.	Zokić, Iva; Prlić Kardum, Jasna; Crnac, Lana; Sabol, Mirta; Vuić, Juraj; Travančić, Valentina. Modification of ceritinib crystal morphology via spherical crystallization. // <i>Crystals</i> , 14 (2024), 11; 975, 19	2,4 (2024.)	Chemical Engineering
			Chemistry
			Materials Science
			Physics and Astronomy



Slika 5.1. Broj objavljenih radova i njihova citiranost za razdoblje 1992. – 2024. prema bazi Web of Science Core Collection (Ukupan broj citata 59 973, bez samocitata 53 481, h-indeks 99)

Tablica 5.14. 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	63	SCOPUS bez Web of Science Core Collection: 11**	Web of Science Core Collection: 918 (SCI-EXP, SSCI, A&HI) + 85 (ESCI)**
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 5.15. Popis radova mentora u bazi podataka WoSCC (SCI-EXP, SSCI, A&HI) u razdoblju 1.1.2020. – 31.12.2024. (za tablicu 5.14.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC (SCI-EXP, SSCI, A&HI))</i>	IF	STUDIJI
1.	Acuña, V.; Bregoli, F.; Font, C.; Barceló, D.; Corominas, L.L.; Ginebreda, A.; Petrović, Mira; Rodríguez-Roda, I.; Sabater, S.; Marcé, R. Management actions to mitigate the occurrence of pharmaceuticals in river networks in a global change context. // <i>Environment international</i> , 143 (2020), 105993, 9	9,621 (2020.)	KIP
2.	Alar, Vesna; Stojanović, Ivan; Mezdić, Dražen. A comparative study of green inhibitors for galvanized steel in aqueous solutions. // <i>Metals</i> , 10 (2020), 4; 448, 20	2,351 (2020.)	KIPKs
3.	Amini, Hashem; Ban, Željka; Ferger, Matthias; Lorenzen, Sabine; Rauch, Florian; Friedrich, Alexandra; Crnolatac, Ivo; Kendel, Adriana; Miljanić, Snežana; Piantanida, Ivo; Marder, Todd B. Tetracationic bis-triarylborane 1,3-butadiyne as a combined fluorimetric and Raman probe for simultaneous and selective sensing of various DNA, RNA and proteins. // <i>Chemistry: a European journal</i> , 26 (2020), 6017-6028	5,236 (2020.)	KIPK
4.	Ardila-Fierro, Karen J.; Lukin, Stipe; Etter, Martin; Užarević, Krunoslav; Halasz, Ivan; Bolm, Carsten; Hernández, José G. Direct visualization of a mechanochemically induced molecular rearrangement. // <i>Angewandte Chemie. International edition</i> , 59 (2020), 32; 13458-13462	15,336 (2020.)	KIPK
5.	Ban, Željka; Griesbeck, Stefanie; Tomić, Sanja; Nitsch, Jörn; Marder, Todd; Piantanida, Ivo. A quadrupolar bis-triarylborane chromophore as a fluorimetric and chiroptic probe for simultaneous and selective sensing of DNA, RNA and proteins. // <i>Chemistry: a European journal</i> , 26 (2020), 2195-2203	5,236 (2020.)	KIPK
6.	Ban, Željka; Matić, Josipa; Žinić, Biserka; Foller Fuchtbauer, Anders; Wilhelmsson, L. Marcus; Piantanida, Ivo. Flexibility and preorganization of fluorescent nucleobase-pyrene conjugates control DNA and RNA recognition. // <i>Molecules</i> , 25 (2020), 9; 2188, 19	4,412 (2020.)	KIPK
7.	Basioli, Lovro; Sancho-Parramon, Jordi; Despoja, Vito; Fazinić, Stjepko; Bogdanović Radović, Iva; Božićević Mihalić, Iva; Salamon, Krešimir; Nekić, Nikolina; Ivanda, Mile; Dražić, Goran; Bernstorff, Sigrid; Aquilanti, Giuliana; Mičetić, Maja. Ge quantum dots coated with metal shells (Al, Ta, and Ti) embedded in alumina thin films for solar energy conversion. // <i>ACS applied nano materials</i> , 3 (2020), 9; 8640-8650	5,097 (2020.)	KIP
8.	Basioli, Lovro; Tkalec, Marija; Bogdanović- Radović Ivančica; Dražić, Goran; Nadaždy, Peter; Siffalović, Peter; Salamon, Krešimir; Mičetić, Maja. 3D networks of Ge quantum wires in amorphous alumina matrix. // <i>Nanomaterials</i> , 10 (2020), 7; 1363, 11	5,076 (2020.)	KIP
9.	Biošić, Martina; Babić, Sandra. Trimethoprim elimination by biotic and abiotic processes. // <i>Fresenius environmental bulletin</i> , 29 (2020), 9A; 7972-7979	0,489 (2020.)	KIP
10.	Bistrović Popov, Andrea; Krstulović, Luka; Koštrun, Sanja; Jelić, Dubravko; Brokulić, Ana; Radić Stojković, Marijana; Zonjić, Iva; Taylor, Martin C.; Kelly, John M.; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis, antitrypanosomal activity, DNA/RNA binding and in vitro ADME profiling of novel imidazoline-substituted 2-arylbenzimidazoles. // <i>European journal of medicinal chemistry</i> , 207 (2020); 112802, 19	6,514 (2020.)	KIP, IK
11.	Bivins, Aaron; North, Devin; Ahmad, Arslan; Ahmed, Warish; Alm, Eric; Been, Frederic; Bhattacharya, Prosun; Bijlsma, Lubertus; Boehm, Alexandria B.; Brown, Joe; Buttiglieri, Gianluigi et al. Wastewater-based epidemiology: global collaborative to maximize contributions in the fight against COVID-19. // <i>Environmental science & technology</i> , 54 (2020), 13; 7754-7757	9,028 (2020.)	KIP
12.	Bogale, Tadesse Fantaye; Gul, Ijaz; Wang, Le; Deng, Jiao; Chen, Yong; Majerić Elenkov, Maja; Tang, Lixia. Biodegradation of 1,2,3-trichloropropane to valuable (S)-2,3-DCP using a one-pot reaction system. // <i>Catalysts</i> , 10 (2020), 1; 3, 11	4,146 (2020.)	KIP
13.	Božović, Stojan; Gvozdanović, Tena; Kraš, Ana; Grudić, Veselinka; Kurajica, Stanislav; Martinez, Sanja. Rust layer growth and modification by a tannin-based mixture for lowering steelcorrosion rates in neutral saline solution. // <i>Corrosion engineering, science and technology</i> , 55 (2020), 5; 372-380	2,087 (2020.)	KIP

14.	Brodar, Tomislav; Bakrač, Luka; Capan, Ivana; Ohshima, Takeshi; Snoj, Luka; Radulović, Vladimir; Pastuović, Željko. Depth profile analysis of deep level defects in 4H- SiC introduced by radiation. // <i>Crystals</i> , 10 (2020), 9; 845, 16	2,589 (2020.)	KIP
15.	Bušić, Valentina; Roca, Sunčica; Vikić-Topić, Dražen; Vrandečić, Karolina; Čosić, Jasenka; Molnar, Maja; Gašo-Sokač, Dajana. Eco-friendly quaternization of nicotinamide and 2-bromoacetophenones in deep eutectic solvents. Antifungal activity of the products. // <i>Environmental chemistry letters</i> , 18 (2020), 3; 889-894	9,027 (2020.)	KIP
16.	Capan, Ivana; Brodar, Tomislav; Yamazaki, Yuichi; Oki, Yuya; Ohshima, Takeshi; Chiba, Yoji; Hijikata, Yasuto; Snoj, Luka; Radulović, Vladimir. Influence of neutron radiation on majority and minority carrier traps in n-type 4H-SiC. // <i>Nuclear instruments & methods in physics research. Section B, Beam interactions with materials and atoms</i> , 478 (2020); 224-228	1,377 (2020.)	KIP
17.	Cetina, Ivana; Pucić, Irina; Mohaček Grošev, Vlasta; Šantić, Ana. Amines used for low temperature curing of PDMS-based gel-networks impact γ -irradiation outcome. // <i>Radiation physics and chemistry</i> , 170 (2020); 108635, 9	2,858 (2020.)	KIP
18.	Crnolatac, Ivo; Giestas, Leticia; Horvat, Gordan; Parola, A. Jorge; Piantanida, Ivo. Flavylium dye as pH tunable fluorescent and CD probe for double-stranded DNA and RNA. // <i>Chemosensors</i> , 8 (2020), 4; 129, 10	3,398 (2020.)	KIPK
19.	Cvetnić, Matija; Tomić, Antonija; Sigurnjak, Marija; Novak Stankov, Mirjana; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Structural features of contaminants of emerging concern behind empirical parameters of mechanistic models describing their photooxidative degradation. // <i>Journal of water process engineering</i> , 33 (2020); 101053, 11	5,485 (2020.)	KIP, KI
20.	Čadež, Tena; Grgičević, Ana; Ahmetović, Ramiza; Barić, Danijela; Maček Hrvat, Nikolina; Kovarik, Zrinka; Škorić, Irena. Benzobicyclo[3.2.1]octene derivatives as a new class of cholinesterase inhibitors. // <i>Molecules</i> , 25 (2020), 21; 4872, 25	4,411 (2020.)	KIP
21.	Čelić, Mira; Škrbić, Biljana D.; Insa, Sara; Živančev, Jelena; Gros, Meritxell; Petrović, Mira. Occurrence and assessment of environmental risks of endocrine disrupting compounds in drinking, surface and wastewaters in Serbia. // <i>Environmental pollution</i> , 262 (2020), 114344	8,071 (2020.)	KIP
22.	Česnik, Morana; Sudar, Martina; Hernández, Karel; Charnock, Simon; Vasić-Rački, Đurđa; Clapés, Pere; Findrik Blažević, Zvezdana. Cascade enzymatic synthesis of L-homoserine – mathematical modelling as a tool for process optimisation and design. // <i>Reaction chemistry and engineering</i> , 5 (2020); 747-759	4,239 (2020.)	KIPK
23.	Čizmar, Tihana; Kojić, Vedran; Rukavina, Marko; Brkljačić, Lidija; Salamon, Krešimir; Grčić, Ivana; Radetić, Lucija; Gajović, Andreja. Hydrothermal synthesis of FeOOH and Fe ₂ O ₃ modified self-organizing immobilized TiO ₂ nanotubes for photocatalytic degradation of 1H-benzotriazole. // <i>Catalysts</i> , 10 (2020), 12; 1371, 19	4,146 (2020.)	KIP
24.	Čizmar, Tihana; Panžić, Ivana; Salamon, Krešimir; Grčić, Ivana; Radetić, Lucija; Marčec, Jan; Gajović, Andreja. Low-cost synthesis of Cu-modified immobilized nanoporous TiO ₂ for photocatalytic degradation of 1H-benzotriazole. // <i>Catalysts</i> , 10 (2020), 1; 19, 17	4,146 (2020.)	KIP
25.	Čehić, Mirsada; Suć Sajko, Josipa; Karačić, Zrinka; Piotrowski, Patrycius; Šmidlehner, Tamara; Jerić, Ivanka; Schmuck, Carsten; Piantanida, Ivo; Tomić, Sanja. The guanidiniocarbonylpyrrole - fluorophore conjugates as theragnostic tools for DPP III monitoring and inhibition. // <i>Journal of biomolecular structure & dynamics</i> , 38 (2020), 13; 3790-3800	-	KIPK
26.	Despoja, Vito; Basioli, Lovro; Parramon, Jordi Sancho; Mičetić, Maja. Optical absorption in array of Ge/Al-shell nanoparticles in an Alumina matrix. // <i>Scientific reports</i> , 10 (2020), 65, 12	4,380 (2020.)	KIP
27.	Đud, Mateja; Glasovac, Zoran; Margetić, Davor; Piantanida, Ivo. Guanidino-aryl derivatives: protonation and structure tuning for spectrophotometric recognition of ds-DNA and ds-RNA. // <i>New journal of chemistry</i> , 44 (2020), 11537-11545	3,591 (2020.)	KIPK
28.	El-Sharkawy, Eman R.; Almalki, Faisal; Hadda, Taibi Ben; Rastija, Vesna; Lafridi, Hind; Zgou, Hsaine. DFT calculations and POM analyses of cytotoxicity of some flavonoids from aerial Parts of Cupressus sempervirens: Docking and identification of pharmacophore sites. // <i>Bioorganic chemistry</i> , 100 (2020), 103850, 9	5,275 (2020.)	KIPK

29.	Erceg, Ina; Selmani, Atida; Gajović, Andreja; Panžić, Ivana; Iveković, Damir; Faraguna, Fabio; Šegota, Suzana; Ćurlin, Marija; Strasser, Vida; Kontrec, Jasminka; Kralj, Damir; Maltar Strmečki, Nadica; Dutour Sikirić, Maja. Calcium phosphate formation on TiO ₂ nanomaterials of different dimensionality. // <i>Colloids and surfaces A: Physicochemical and engineering aspects</i> . 593 (2020) ; 124615, 13	4,539 (2020.)	KIPK
30.	Finšgar, Matjaž; Xhanari, Klodian; Otmačić Ćurković, Helena. Cyclic voltammetry as an electroanalytical tool for analysing the reaction mechanisms of copper in chloride solution containing different azole compounds. // <i>Current analytical chemistry</i> . 16 (2020) , 4; 465-474	1,892 (2020.)	KIPK
31.	Gaggero, Alessio; Jurišić Dukovski, Biserica; Radić, Irena; Sagud, Ivana; Škorić, Irena; Cinčić, Dominik; Jug, Mario. Co-grinding with surfactants as a new approach to enhance in vitro dissolution of praziquantel. // <i>Journal of pharmaceutical and biomedical analysis</i> . 189 (2020) ; 113494	3,935 (2020.)	KIP
32.	Gašparić, Vlatko; Taccheo, Stefano; Gebavi, Hrvoje; Ristić, Davor; Ivanda, Mile. Photonic nanojet mediated Raman enhancement: Vertical Raman mapping and simple ray matrix analysis. // <i>Journal of Raman spectroscopy</i> , 51 (2020), 1; 165-175	3,133 (2020.)	KIP
33.	Germann, Luzia S.; Katsenis, Athanassios D.; Huskić, Igor; Julien, Patrick A.; Užarević, Krunoslav; Etter, Martin; Farha, Omar K.; Friščić, Tomislav; Dinnebie, Robert E. Real-time in situ monitoring of particle and structure evolution in the mechanochemical synthesis of UiO-66 metal-organic frameworks. // <i>Crystal growth & design</i> , 20 (2020), 1; 49-54	4,076 (2020.)	KIP
34.	Ghirardini, Andrea; Grillini, Vittoria; Verlicchi, Paola. A review of the occurrence of selected micropollutants and microorganisms in different raw and treated manure – Environmental risk due to antibiotics after application to soil. // <i>Science of the total environment</i> , 707 (2020), 136118	7,963 (2020.)	KIP
35.	Gluščić, Valentina; Čačković, Mirjana; Pehcec, Gordana; Bešlić, Ivan, Ionic composition of PM2.5 particle fraction at a coastal urban background site in Croatia. // <i>Atmospheric pollution research</i> , 11 (2020), 12; 2202-2214	4,352 (2020.)	KIPK
36.	Gojun, Martin; Bačić, Matea; Ljubić, Anabela; Šalić, Anita; Zelić, Bruno. Transesterification in microreactors – overstepping obstacles and shifting towards biodiesel production on a microscale. // <i>Micromachines</i> . 11 (2020) , 5; 457, 14	2,891 (2020.)	KIP
37.	Grčić, Ivana; Gajović, Andreja; Plodinec, Milivoj; Šimunković, Kristina; Ivanković, Hrvoje; Willinger, Marc-Georg. Enhanced visible-light driven photocatalytic activity of Ag@TiO ₂ photocatalyst prepared in chitosan matrix. // <i>Catalysts</i> . 10 (2020) , 7; 763, 17	4,146 (2020.)	KIP
38.	Grgičević, Ana; Fodor, Lajos; Barić, Danijela; Poje, Margareta; Marinić, Željko; Horváth, Ottó; Škorić, Irena. Synthesis, photochemistry and photophysics of new butadiene derivatives: Influence of the fluoro, dimethylamino and nitro substituents on the molecular structure and photoinduced behavior. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 400 (2020) ; 112690	4,291 (2020.)	KIP
39.	Gusmaroli, Lucia; Mendoza, Esther; Petrović, Mira; Buttiglieri, Gianluigi. How do WWTPs operational parameters affect the removal rates of EU Watch list compounds? // <i>Science of the total environment</i> , 714 (2020), 136773	7,963 (2020.)	KIP
40.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad Support vector machine-based soft sensors in the isomerisation process. // <i>Chemical and biochemical engineering quarterly</i> . 34 (2020) , 4; 243-255	1,582 (2020.)	KIP, KI
41.	Horak, Ema; Babić, Darko; Vianello, Robert; Perin, Nataša; Hranjec, Marijana; Murković Steinberg, Ivana. Photophysical properties and immobilisation of fluorescent pH responsive aminated benzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>Spectrochimica acta Part A: Molecular and biomolecular spectroscopy</i> . 227 (2020) ; 117588, 15	4,098 (2020.)	KIP
42.	Jakobek, Lidija; Buljeta, Ivana; Ištuk, Jozo; Barron, Andrew. Polyphenols of traditional apple varieties in Interaction with Barley β -glucan: A study of the adsorption process // <i>Foods</i> , 9 (2020), 9; 1278, 14	4,350 (2020.)	KIP
43.	Jakobek, Lidija; Ištuk, Jozo; Buljeta, Ivana; Voća, Sandra; Šic Žlabur Jana; Skendrović Babojelić, Martina. Traditional, indigenous apple varieties, a fruit with potential for beneficial effects: Their quality traits and bioactive polyphenol contents. // <i>Foods</i> . 9 (2020) , 1; 52, 20	4,350 (2020.)	KIP
44.	Jakobek, Lidija; Matić, Petra; Kraljević, Šima; Ukić, Šime; Benšić, Mirta; Barron, Andrew. Adsorption between quercetin derivatives and β -glucan studied with a novel approach to modeling adsorption isotherms. // <i>Applied sciences-Basel</i> , 10 (2020) , 5; 1637, 16	2,679 (2020.)	KIP

45.	Jakovljević, Ivana; Sever Štrukil, Zdravka; Godec, Ranka; Bešlić, Ivan; Davila, Silvije; Lovrić, Mario; Pehnec, Gordana. Pollution sources and carcinogenic risk of PAHs in PM1 particle fraction in an urban area. // <i>International journal of environmental research and public health</i> , 17 (2020), 1-22	3,391 (2020.)	KIPK
46.	Jakovljević, Martina; Vladić, Jelena; Vidović, Senka; Pastor, Kristian; Jokić, Stela; Molnar, Maja; Jerković, Igor. Application of deep eutectic solvents for the extraction of rutin and rosmarinic acid from <i>Satureja montana</i> L. and evaluation of the extracts antiradical activity. // <i>Plants</i> , 9 (2020), 2; 153, 14	3,935 (2020.)	KIP
47.	Jana, Poulami; Supljika, Filip; Schmuck, Carsten; Piantanida, Ivo. Naphthalene diimide bis-guanidinio-carbonyl-pyrrole as a pH-switchable threading DNA intercalator. // <i>Beilstein journal of organic chemistry</i> , 16 (2020), 2201-2211	2,883 (2020.)	KIPK
48.	Jednačak, Tomislav; Majerić Elenkov, Maja; Hrenar, Tomica; Sović, Karlo; Parlov Vuković, Jelena; Novak, Predrag. Solution and solid state studies of hydrogen bonding in substituted oxazolidinones by spectroscopic and quantum chemical methods. // <i>New journal of chemistry</i> , 44 (2020), 16; 6456-6463	3,591 (2020.)	KIP
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42.	Molnar, Maja; Komar, Mario; Jerković, Igor. Methyl 2-((3-(3-methoxyphenyl)-4-oxo-3,4-dihydroquinazolin-2-yl)thio)acetate. // <i>Molbank</i> , 2022 (2022), 3; M1434	0,6 (2022.)	KIPK
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47.	Balaić, Dajana; Antonije Oreški, Gabrijela; Radić, Gabrijela; Kušić, Hrvoje; Perović, Klara; Kraljić Roković, Marijana. Photoelectrocatalytic hydrogen production supported by ascorbic acid. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 179-186	0,6 (2023.)	KIPK
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52.	Čemerika, Ema; Milički, Dora; Miloloža, Martina; Kučić Grgić, Dajana; Žižek, Krunoslav; Očelić Bulatović, Vesna. Zeleni biokompoziti na bazi otpada taloga kave. // <i>Kemija u industriji</i> , 73 (2023), 3-4; 215-226	0,6 (2023.)	KIPK
53.	Čurić, Ana; Muzica, Katarina; Runjak, Ivana; Vasiljević, Danijela; Miloloža, Martina; Kučić Grgić, Dajana. Koja je cijena pušenja? – Opasnosti za okoliš. // <i>Kemija u industriji</i> , 72 (2023), 3-4; 227-236	0,6 (2023.)	KIPK
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55.	Kurajica, Livia; Ujević Bošnjak, Magdalena; Kinsela, S. Andrew; Štiglić, Jurica; Waite, T. David. Heavy metal, organic matter, and disinfection byproduct release from drinking water pipe scales under stagnant conditions. // <i>Environmental science. Water research & technology</i> , 9 (2023), 235-248	3,5 (2023.)	KIPK
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62.	Santos, Lúcia H.M.L.M.; Insa, Sara; Arxé, Marta; Buttiglieri, Gianluigi; Rodríguez-Mozaz, Sara; Barceló, Damià. Analysis of microplastics in the environment: Identification and quantification of trace levels of common types of plastic polymers using pyrolysis-GC/MS. // <i>MethodsX</i> , 10 (2023), 102143, 9	1,7 (2023.)	KIP
63.	Stjepanović, Marija; Matanović, Katarina; Tomac, Ivana; Jakobek Barron, Lidija; Habuda-Stanić, Mirna. Adsorption of diclofenac onto activated carbons. // <i>Kemija u industriji</i> , 72 (2023), 9-10; 551-558	0,6 (2023.)	KIPK
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75.	Glavinić, Laura; Milčić, Nevena; Findrik Blažević, Zvezdana; Sudar, Martina. Biokataliza u doba zelene revolucije. // <i>Kemija u industriji</i> , 73 (2024), 5-6; 237-248	0,7 (2024.)	KIPK
76.	Gudelj, Martina; Kranjac, Marina; Jurko, Lucija; Tomšić, Matija; Cerar, Janez; Prkić, Ante; Bošković, Perica. Structure and potential application of surfactant-free microemulsion consisting of heptanol, ethanol and water. // <i>Colloids and interfaces</i> , 8 (2024), 5; 53, 14	3,2 (2024.)	KIPK
77.	Horvat, Tajana; Jakovljević, Ivana; Sever Štrukil, Zdravka; Pehnc, Gordana. Optimisation of ASE for determination of organic compound bounded to particulate matter. // <i>Kemija u industriji</i> , 73 (2024), 13; 507-513	0,7 (2024.)	KIPK
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79.	Mendoza, Esther; Vosse, Josephine; Azzellino, Arianna; Santos, Lúcia H. M. L. M.; Semitsoglou-Tsiapou, Sofia; Comas, Joaquim; Buttiglieri, Gianluigi From shower to table: fate of organic micropollutants in hydroponic systems for greywater treatment and lettuce cultivation. // <i>Blue-green systems</i> , 6 (2024), 1; 70-89	2,1 (2024.)	KIPK
80.	Mitar, Anamarija; Prlić Kardum, Jasna; Lukić, Marija. Efficient impurity removal from model FCC fuel in millireactors using deep eutectic solvents. // <i>ChemEngineering</i> , 8 (2024), 5; 102, 15	3,4 (2024.)	KIPK
81.	Otmačić Čurković, Helena; Kapitanović, Angela; Filipović, Martina; Gorišek, Petra. The effect of coating drying conditions on bronze corrosion protection. // <i>Journal of electrochemical science and engineering</i> , 14 (2024), 2; 247-263	2,6 (2024.)	KIPK
82.	Puntarić, Eda; Pezo, Lato; Zgorelec, Željka; Gunjača, Jerko; Kučić Grgić, Dajana; Voća, Neven. Predicting the future trends of European and national bench-marks in the management of biodegradable municipal waste using artificial neural networks. // <i>Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering</i> , 13 (2024), 234-243	0,6 (2024.)	KIPK

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84.	Tolić, Ana; Juranović Cindrić, Iva; Selvam, Tamilselvi; Mohaček Grošev, Vlasta; Mikac, Lara; Ivanda, Mile. Izazovi mikroplastike: onečišćivala koji prijete ekosustavu i ljudskom zdravlju. // <i>Kemija u industriji</i> , 73 (2024), 7-8; 331-339	0,7 (2024.)	KIPK
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Tablica 5.16. Popis radova mentora u bazi podataka Scopus, bez baze podataka WoSCC u razdoblju 1.1.2020. – 31.12.2024. (za tablicu 5.14.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Scopus</i>	IF	STUDIJ
1.	Car, Filip; Sušec, Ivan; Tomašić, Vesna. Preparation and testing of cordierite monolithic catalysts for oxidation of aromatic volatile organic compounds. // <i>Chemical engineering transactions</i> , 86 (2021), 673-678	-	KIPK
2.	Faydy, Mohamed El; Dahaieh, Naoufal; Ounine, Khadija; Rastija, Vesna; Almalki, Faisal; Jamalis, Joazaizulfazli; Zarrouk, Abdelkader; Hadda, Taïbi Ben; Lakhri, Brahim. Synthesis and antimicrobial activity evaluation of some new 7-substituted quinolin-8-ol derivatives: POM analyses, docking, and identification of antibacterial pharmacophore sites. // <i>Chemical data collections</i> , 31 (2021), 100593, 37	-	KIPK
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