

**Univerzitet Crne Gore
Prirodno-matematički fakultet**

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Broj:

1388/1

Datum:

25.06.2020.g

UNIVERZITET CRNE GORE

-Senat-

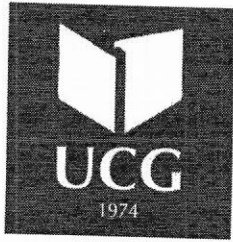
-Centar za doktorske studije-

U prilogu akta dostavljamo Odluku sa XLVII sjednice Vijeća Prirodno-matematičkog fakulteta održane 23.06.2020.godine.

DEKAN

Prof. dr Predrag Miranović
Prof. dr Predrag Miranović





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Broj: 1388

Datum: 25.06.2020.

Na osnovu člana 64 Statuta Univerziteta Crne Gore, a u vezi sa članom 29 stav 1 Pravila studiranja na doktorskim studijama Univerziteta Crne Gore, Vijeće Prirodno-matematičkog fakulteta na XLVII sjednici održanoj dana 23.06.2020.godine, donijelo je sljedeću

ODLUKU

I

Predlažemo Senatu i Centru za doktorske studije Univerziteta Crne Gore prof. dr Slađanu Krivokapić sa PMF-a za mentora, a prof. dr Irenu Nikolići sa MTF-a za komentora studentu doktorskih studija - studijski program Biologija –Neveni Čupara.

II

Dokumentacija o ispunjenosti uslova za imenovanje mentora i komentora i Potvrda o studiranju Nevene Čupara predstavlja sastavni dio odluke.



DEKAN

Prof. dr Predrag Miranović

broj

17.06 2019 god.

MENTORSTVO

PREDLOŽENI MENTOR/I			
	Titula, ime i prezime	Ustanova i država	Naučna oblast
Prvi mentor	Dr Slađana Krivokapić, vanredni profesor	Prirodno matematički fakultet, Univerzitet Crne Gore, Crna Gora	Botanika (Fiziološka ekologija)
Drugi mentor	Dr Irena Nikolić, vanredni profesor	Metalurško-tehnološki fakultet, Univerzitet Crne Gore	Zaštita životne sredine (hemijski i tehnološki aspekti)
Sjednica Vijeća organizacione jedinice na kojoj je izvršeno predlaganje mentora			
KOMPETENCIJE MENTORA (pet objavljenih radova u relevantnim časopisima)			
Prvi mentor	1	Krivokapić, S., Petrović, D. (2018): Trace metals in vegetables plants (<i>Allium cepa</i> L., <i>Capsicum annum</i> L., <i>Lycopersicon esculentum</i> Mill and <i>Beta vulgaris</i> L.). Fressenius Environmental Bulletin 27 (5): 2690-2696.	
	2	Krivokapić, S., Bosak, S., Viličić, D., Kušpilić, G., Drakulović, D., Pestorić, B. (2018): Algal pigments distribution and phytoplankton group assemblages in coastal transitional environment – Boka Kotorska Bay (South eastern Adriatic Sea). Acta Adriatica 59(1):35-50. https://doi.org/10.32582/aa.59.1.3	
	3	Kastratović, V., Bigović, M., Jaćimović, Ž., Kosović, M., Đurović, D., Krivokapić, S. (2018): Levels and distribution of cobalt and nickel in the aquatic macrophytes found in Skadar Lake, Montenegro. Environmental Science and Pollution Research. 25(27):26823-26830. doi: 10.1007/s11356-018-1388-5. Epub 2018 Feb 6.	
	4	Petrović, D., Jančić D., Furdek, M., Mikac, N., Krivokapić, S. (2016): Aquatic plant <i>Tropha natans</i> L. as bioindicator of trace metal contamination in freshwater lake (Skadar lake, Montenegro). Acta Botanica Croatica. 75 (2): 236-243. doi: 10151/botcro- 2016-031	
	5	Kastratovic, V., Krivokapić, S. , Bigović, M., Đurović, D., Blagojević, N. (2014): Bioaccumulation and translocation of heavy metals by <i>Ceratophyllum demersum</i> from Skadar Lake, Montenegro. Journal of Serbian Chemistry Society, doi: 10.2298/JSCI14040907AK	
Drugi mentor	1	Irena Nikolić, Dijana Đurović, Dragoljub Blečić, Radomir Zejak, Ljiljana Karanović, Stefan Mitsche, Velimir R. Radmilović. (2013) Geopolymerization of coal fly ash in the presence of electric arc furnace dust, Minerals Engineering, 49, 24-32, ISSN: 0892-6875. https://doi.org/10.1016/j.mineng.2013.04.007	
	2	Irena Nikolić, Ana Drinčić, Dijana Djurović, Ljiljana Karanović, Vuk V. Radmilović, Velimir R. Radmilović. (2016). Kinetics of electric arc	

	furnace slag leaching in alkaline solutions, Construction and Building Materials 108, 1–9. https://doi.org/10.1016/j.conbuildmat.2016.01.038
3	Ana Drinčić, Irena Nikolić, Tea Zuliani, Radmila Milačić Janez Ščančar, (2017). <i>Long-term environmental impacts of building composites containing waste materials: Evaluation of the leaching protocols</i> , Waste Management 59,340–349. ISSN: 0956-053X; https://doi.org/10.1016/j.wasman.2016.11.003
4	Irena Nikolić, Dijana Đurović, Radomir Zejak, Ljiljana Karanović, Milena Tadić, Dragoljub Blečić, Velimir R. Radmilović. (2013) Compressive strength and hydrolytic stability of fly ash based geopolymers; Journal of the Serbian Chemical Society, (Science Citation Index), 78 (6) 851–863, ISSN 0352-5139 ; DOI: 10.2298/JSC121024001N
5	Irena Nikolić, Smilja Marković, Ljiljana Veselinović, Vuk V. Radmilović, Ivona Janković-Častvan, Velimir R. Radmilović. (2019). Enhanced sorption of Cu ²⁺ from sulfate solutions onto modified electric arc furnace slag, Materials Letters 235 184–188., ISSN: 0167-577X; https://doi.org/10.1016/j.matlet.2018.10.027

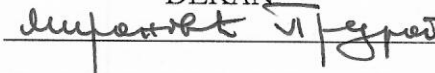
PODACI O MAGISTRANDIMA I DOKTORANDIMA

	Broj magistranada		Broj doktoranada	
	trenutno	ukupno	trenutno	ukupno
Prvi mentor	2	4	-	2
Drugi mentor	-	3	-	1 (komentorstvo)

Datum i ovjera (pečat i potpis odgovorne osobe)

 U (navesti grad),
 (navesti datum)

DEKAN




Vijeću Prirodno-matematičkog fakulteta

Predmet: Zahtjev za dodjelu mentora na doktorskim studijama

Uvaženi članovi i članice Vijeća,

Obraćam vam se sa zahtjevom povodom imenovanja mentora i komentora na doktorskim studijama na Prirodno-matematičkom fakultetu Univerziteta Crne Gore, smjer Biologija.

Za mentora predlažem dr Slađanu Krivokapić, a za komentora dr Irenu Nikolić.

S poštovanjem,

Student doktorskih studija

M. Nevena Cupara
MSe Nevena Cupara

Saglasnost mentora

Dr Slađana Krivokapić
Dr Slađana Krivokapić

Saglasnost komentora

Dr Irena Nikolić
Dr Irena Nikolić



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University of Montenegro

Broj / Ref 03-2653
Datum / Date 16.10.2017

Na osnovu člana 72 stav 2 Zakona o visokom obrazovanju („Službeni list Crne Gore“ br. 44/14, 47/15, 40/16, 42/17) i člana 32 stav 1 tačka 9 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore na sjednici održanoj 16. oktobra 2017. godine, donio je

ODLUKU O IZBORU U ZVANJE

Dr Slađana Krivokapić bira se u akademsko zvanje vanredna profesorica za oblast Anatomija, fiziologija i morfologija biljaka na Prirodno-matematičkom fakultetu, na period od pet godina.

**Senat Univerziteta Crne Gore
Predsjedavajući**



Prof. dr Danilo Nikolić, v.f. rektora

BIOGRAFIJA

Ime i prezime: Slađana Krivokapić
Datum i mjesto rođenja: 11. 02. 1969., Kotor, Crna Gora
Nacionalnost: Crnogorska
Adresa: Studijski program Biologija, Prirodno-matematički fakultet,
Univerzitet Crne Gore Cetinjski put bb, 81 000 Podgorica, Crna Gora
Telefon: + 382 20 243 816; fax + 382 20 243 816
E-mail: sladjanak@ucg.ac.me ; sladjana.krivokapic@gmail.com

NAUČNA OBLAST ISTRAŽIVANJA

Fiziološka ekologija -eutrofikacija obalnih voda; teški metali i antioksidativna zaštita biljaka;
biološki aktivne materije vaskularnih biljaka i marinskih algi

OBRAZOVANJE

- 1992 - diplomirala na Odsjeku za biologiju (istraživačko-primjenjeni smjer), Prirodno-matematičkog fakulteta, Univerziteta u Novom Sadu
1998 - magistarski rad pod nazivom »*Genetička varijabilnost rezervnih i funkcionalnih proteina tetraploidne pšenice*« odbranila na smjeru »Genetika i oplemenjivanje biljaka« Poljoprivrednog fakulteta u Novom Sadu
2006 - doktorsku disertaciju pod nazivom »*Dinamika biomase fitoplanktona kao indikatora stepena trofičnosti u unutrašnjem dijelu Bokokotorskog zaliva*« odbranila na Prirodno-matematičkom fakultetu Univerziteta u Novom Sadu

PROFESIONALNO ANGAŽOVANJE I USAVRŠAVANJA

- 1992-1993 - saradnik ne predmetu Genetika, Odsjek za biologiju, Prirodno-matematički Fakultet, Novi Sad
1994-1999 - Prirodno-matematički fakultetu u Podgorici (angažovana za izvođenje vježbi na predmetima Anatomija biljaka, Fiziologija biljaka i Marinska biologija)
1999 - izabrana u zvanje asistenta na Katedri za Botaniku, predmet Fiziologija biljaka
2005 -3 sedmice u Laboratorio Nazionale di Riferimento per le Biotossine Marine, Cesenatico, Italy
2006 -izabrana u zvanje docenta za predmete Anatomija biljaka i Fiziologija biljaka.
2008 – 2 sedmice, Department of Chemistry, University of Oslo (hromatografske tehnike u biološkim istraživanjima)
2012 – izabrana u zvanje vanredni profesor za predmete Anatomija i morfologija biljaka i Fiziologija biljaka
2017- izabrana u zvanje vanredni profesor za predmete Anatomija i morfologija biljaka i Fiziologija biljaka (Držim nastavu i iz sledećih predmeta: na modulu Eksperimentalna biologija: Instrumentalne metode u biologiji;- na specijalističkim studijama biologije – eksperimentalna biologija i biotehnologija: Kurs laboratorijskih tehnika; specijalističkim studijama biologije – nastava biologije: Laboratorijski praktikum; na doktorskim studijama biologije: dio ispita Biodiverzitet vodenih ekosistema; izborni predmet na specijalističkim studijama biologije-eksperimentalna biologija i biotehnologija: Biološki aktivne materije biljaka; izborni predmet na magistarskim studijama biologije ekologija: Fotosinteze i primarna produkcija, Sekundarni metaboliti marinskih algi, Teški metali i antioksidativna zaštita biljaka, a na doktorskim studijama biologije: Biološki aktivne materije algi, Toksini marinskih algi, Teški metali u životnoj sredini)

U toku dosadanjeg rada bila sam koordinator jednog međunarodnog i dva bilateralnog projekta, kao i učesnik u realizaciji više međunarodnih i nacionalnih naučno- istraživačkih projekata.

Bila sam mentor dva doktoranda, čije su doktorske disertacije odbranjenje na Studijskom programu Biologija, Prirodno-matematičkog fakulteta, UCG-a.

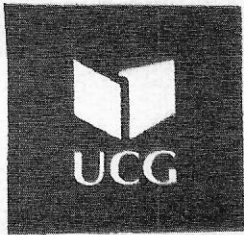
Autor sam skripte “Biološki aktivne materije biljaka” i koautor poglavlja “Phytoplankton Community and Trophic State in Boka Kotorska Bay” i “Phytobenthos in the Boka Kotorska Bay: State of Knowledge and Threats” u “The Boka Kotorska Bay Environment”, Hdb Env Chem.

Posjedujem aktivno znanje engleskog jezika.

Spisak izabranih referenci:

Krivokapić, S., Bosak, S., Viličić, D., Kušpilić, G., Drakulović, D., Pestorić, B. (2018): Algal pigments distribution and phytoplankton group assemblages in coastal transitional environment – Boka Kotorska Bay (South eastern Adriatic Sea). <i>Acta Adriatica</i> 59(1):35-50.	SCI
Krivokapić, S., Petrović, D., (2018): Trace metals in vegetables plants (<i>Allium cepa</i> L., <i>Capsicum annum</i> L., <i>Lycopersicon esculentum</i> Mill and <i>Beta vulgaris</i> L.). <i>Fressenius Environmental Bulletin</i> 27 (5): 2690-2696	SCI
Kastratović, V., Bigović, M., Jaćimović, Ž., Kosović, M., Đurović, D., Krivokapić, S. (2018): Levels and distribution of cobalt and nickel in the aquatic macrophytes found in Skadar Lake, Montenegro. <i>Environmental Science and Pollution Research</i> . 25(27):26823-26830	SCI
Kastratović, V., Jaćimović, Ž., Bigović, M., Kosović, M., Đurović, D., Krivokapić, S. (2017): Seasonal patterns of Cu in a system of sediment-water-macrophytes. <i>Fressenius Environmental Bulletin</i> 26 (2):1247-1253. ISSN1018-4619.	SCI
Pejatović, T., Samardžić, D., Krivokapić, S. (2017): Antioxidative properties of a traditional tincture and several leaf extracts of <i>Allium ursinum</i> L. (collected in Montenegro and Bosnia and Herzegovina). <i>Journal of Materials and Environmental Sciences</i> 8(6): 1929-1934. ISSN:2028-2508.	
Krivokapić, S., Pestorić, B., Krivokapić, M. (2017): Application of the TRIX for water quality assessment along Montenegrin coast. <i>Studia marina</i> . 29(1): 47-62.	
Kastratović, V., Jaćimović, Ž., Bigović, M., Đurović, D., Krivokapić, S. (2016): Environmental status and geochemical assessment sediments of Lake Skadar, Montenegro. <i>Environ Monit Assess</i> 188:449 DOI 10.1007/S10661-016-5459.	SCI
Petrović, D., Jančić D., Furdek, M., Mikac, N., Krivokapić, S. (2016): Aquatic plant <i>Trapa natans</i> L. as bioindicator of trace metal contamination in freshwater lake (Skadar lake, Montenegro). <i>Acta Botanica Croatica</i> . 75 (2): 236-243. DOI 10151/botcro- 2016-031	SCI
Anđić, B., Dragičević, S., Stešević, D., Jančić D., Krivokapić, S. (2015): Comparative analysis of trace elements in the mosses – <i>Bryum argenteum</i> Hedw. And <i>Hypnum cupressiforme</i> Hedw. In Podgorica (Montenegro). <i>J. Mater. Environ. Sci.</i> 6 (2) 333-342. ISSN: 2028-2508.	
Kastratović, V., Jaćimović, Ž., Bigović, M., Đurović, D. Krivokapić, S. (2016): The distribution and accumulation of chromium in the water, sediment and macrophytes of Skadar Lake, Kragujevac <i>J. Sci.</i> 38: 125-134.	
Kastratović, V., Jaćimović, Ž., Đurović, D., Bigović, M., Krivokapić, S. (2015): <i>Lemna minor</i> L. as bioindicator of heavy metal pollution in Skadar Lake (Montenegro), Kragujevac <i>J. Sci.</i> 37: 123-134.	
Kastratovic, V., Krivokapić, S., Bigović, M., Đurović, D., Blagojević, N. (2014): Bioacumulation and translocation of heavy metals by <i>Ceratophyllum demersum</i> from Skadar Lake, Montenegro. <i>Journal of Serbian Chemistry Society</i> , doi: 10.2298/JSCI14040907AK.	SCI

Drakulovic, D., Pestoric, B., Joksimovic, D., Redzic, A., Petovic, S., Krivokapic, S. (2014): Dinoflagellate assemblages in the Boka Kotorska Bay. <i>Studia Marina</i> 27(1) 65-84.	
Petrović, D., Krivokapić, S., Jančić, D. (2013): Contents of heavy metals (Zn, Mn, Cu) in different parts of <i>Trapa natans</i> L. From Skadar lake, Montenegro. <i>Natura Montenegrina</i> 12 (3-4) 925-935. ISSN 1451-5776(CD ROM) .ISSN 1800-7155 (on line).	
Kastratović, V., Krivokapić, S., Đurović, D., Blagojević, N. (2013): Seasonal changes in metal accumulation and distribution in the organs of <i>Phragmites australis</i> (common reed) from Lake Skadar, Montenegro. <i>Journal of Serbian Chemistry Society</i> , 78 (8) 1241-1258. ISSN 0352-5139.	SCI
Drakulović, D., Pestorić, B, Cvijan, M., Krivokapić, S, Vuksanović, N. (2012): Distribution of phytoplankton community in Kotor Bay (south-eastern Adriatic Sea). <i>Central European Journal of Biology</i> , 7 (3) 470-486. ISSN 1895-104X	SCI
Bosak, S., Šilović, T., Ljubešić, Z., Kušpilić, G, Pestorić, B., Krivokapić, S., Viličić, D. (2012): Phytoplankton size structure and species composition as an indicator of trophic status in transitional ecosystems: the case of a Mediterranean fjord-like karstic bay. <i>Oceanologia</i> , 54 (2) 255-286. ISSN 0078-3234.	SCI
Dautović, J., Strmečki, S., Pestorić, B., Vojvodić, V., Plavšić, M., Krivokapić, S., Čosović, B. (2012): Organic matter in the karstic enclosed bay (Boka Kotorska Bay, south Adriatic Sea). <i>Fresenius environmental bulletin</i> , 21 (4a) 995-1006. . ISSN 1018-4619.	SCI
Krivokapić, S., Pestorić, B., Kušpilić, G., Bosak, S., Wexels Riser, C. (2011): Trophic state of Boka Kotorska Bay (Eastern Adriatic Sea). <i>Fresenius Environmental Bulletin</i> , 20 (8) 1960-1969. ISSN 1018-4619.	SCI
Krivokapić, S., Pestorić, B. (2011): Chlorophyll <i>a</i> and trophic state in the BokaKotorska Bay (Eastern Adriatic Sea). <i>Journal of Environmental Science and Engineering</i> , 5 (4) 420-427. ISSN 1934-8932 (print) ISSN 1934-8940 (on line).	
Krivokapić, S., Pestorić, B., Drakulović, D., Vuksanović, N. (2010): Subsurface chlorophyll <i>a</i> maxima in the Boka Kotorska Bay. <i>Biotechnology & Biotechnological Equipment</i> 24(2): 181-185. ISSN 1310-2818.	SCI
Krivokapić, S., Stanković, Ž., Vuksanović, N. (2009): Seasonal variations of phytoplankton biomass and environmental conditions in the inner Boka Kotorska Bay (eastern Adriatic Sea). <i>Acta Botanica Croatica</i> , 68 (1) 45-55. ISSN 0365-0588	SCI



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Broj / Ref: _____

Datum / Date: _____ 20__

Crna Gora
UNIVERZITET CRNE GORE
FIZIKOSLOŽENSKI FAKULTET

br. 1395

29. 07. 2016 god.

Na osnovu člana 72 stav 2 Zakona o visokom obrazovanju (Službeni list Crne Gore br. 44/14,47/15) i člana 32 stav 1 tačka 9 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore na sjednici održanoj 23.juna 2016.godine, donio je

ODLUKU O IZBORU U ZVANJE

Dr IRENA NIKOLIĆ bira se u akademsko zvanje vanredna profesora Univerziteta Crne Gore za predmete: Termodinamika materijala i Toplotna tehnika u metalurgiji na osnovnom akademskom studijskom programu Metalurgija; Metalurgija sekundarnih sirovina i Nauka o metalima (odabrana poglavlja) na postdiplomskom specijalističkom akademskom studijskom programu Metalurgija na Metalurško-tehnološkom fakultetu, na period od pet godina.

Broj: 03-1816

Podgorica, dana 23.06.2016.godine



REKTOR

Radmila Vojvodić

Europass Radna biografija



Lični podaci

Prezime(na) / Ime(na) **Nikolić Irena**
Adresa(e) Džordža Vašingtona 66, Podgorica
Telefonski broj(evi) Broj mobilnog telefona +382 69 449 548
E-mail irena@ucg.ac.me
Državljanstvo Crna Gora
Datum rođenja 25.02.1971
Pol ženski

Željeno zaposlenje / zanimanje

Radno iskustvo

Datumi 2016- do danas, vanredni profesor
2009-2016. docent
2003-2009. viši stručni saradnik
1998-2003. asistent
1994-1998. asistent pripravnik
2014 → danas (konsultant na Institutu za javno zdravlje Crne Gore, angažman po osnovu naučno-istraživačkih projekata)

Zanimanje ili radno mjesto Profesor,
Glavni poslovi i odgovornosti Pedagoška djelatnost, naučno – istraživački rad (pisanje programa naučnih istraživanja; pisanje naučnih radova, prezentovanje rezultata na međunarodnim i domaćim naučnim skupovima, recenziranje naučnih radova);

Ime i adresa poslodavca Univerzitet Crne Gore, Metalurško – tehnološki fakultet,
Džordža Vašingtona bb, Podgorica, Crna Gora

Vrsta djelatnosti ili sektor Naučno-istraživačka, visoko obrazovanje

Obrazovanje i osposobljavanje

Datumi 2003. Doktor tehničkih nauka
1998. Magistar tehničkih nauka
1994. dipl. ing. metalurgije

Naziv dodijeljene kvalifikacije

Glavni predmeti / stečene profesionalne vještine Oblast - zaštita životne sredine (Sekundarne sirovine, valorizacija industrijskog otpada, ekološki građevinski materijali); Oblast -Ekstraktivna metalurgija

Stranica 1 / 10 – Radna biografija

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 Nivo prema nacionalnoj ili međunarodnoj klasifikaciji

Univerzitet Crne Gore, Metalurško – tehnološki fakultet, Podgorica, Crna Gora
 PhD – ISCED8, MSc ISCED7

Lične vještine i kompetencije

Maternji jezik(ci) **Crnogorski**

Drugi jezik(ci) **Engleski**

Samoprocjena

Evropski nivo (*)

Engleski

Razumijevanje				Govor				Pisanje	
Slušanje		Čitanje		Govorna interakcija		Govorna produkcija			
C2	Iskusni korisnik	C2	Iskusni korisnik	C2	Iskusni korisnik	C2	Iskusni korisnik	C2	Iskusni korisnik

(*) Zajednički evropski referentni okvir za jezike

Društvene vještine i kompetencije

Komunikativna, sklonost ka preuzimanju inicijative i timskom radu.

Organizacione vještine i kompetencije

Orgaizacija, rukovođenje naučnim projektima, pedagoški rad (rukovođenje izradom master i doktorskih radova). Članstvo u u organizacionom odborima međunarodnih naučnih konferencija. sklonost timskom radu, adaptacija različitim poslovnim sredinama, analitičko rasudjivanje

Računarske vještine i kompetencije

Microsoft Office (Word, Excel, PowerPoint), Adobe, Origin,

BIBLIOGRAFIJA

1. Doktorska teza " Istraživanje uticaja radnih parametara razlaganja aluminatnih rastvora na proces rasta i aglomeracije kristala $Al(OH)_3$ " Univerzitet Crne Gore, Metalurško-tehnološki fakultet u Podgorici.2003.g
2. Magistarski rad: " Istraživanje uticaja radnih parametara procesa razlaganja aluminatnih rastvora na karakteristike aluminijum-hidroksida" Univerzitet Crne Gore, Metalurško-tehnološki fakultet u Podgorici.1998. g.

Radovi publikovani u međunarodnim časopisima (SCI lista)

1. Irena Nikolić, Dijana Đurović, Milena Tadić, Vuk V. Radmilović & Velimir R. Radmilović, **Adsorption kinetics, equilibrium, and thermodynamics of Cu^{2+} on pristine and alkali activated steel slag**, Chemical engineering communications, dostupan online 8.11.2019. na <https://doi.org/10.1080/00986445.2019.1685986>.
2. Irena Nikolić, Smilja Marković, Ljiljana Veselinović, Vuk V. Radmilović, Ivona Janković-Častvan, Velimir R. Radmilović, **Enhanced sorption of Cu^{2+} from sulfate solutions onto modified electric arc furnace slag**, Materials Letters 235 (2019) 184–188.
3. Irena Nikolić, Milena Tadić, Ivona Janković-Častvan, Vuk V. Radmilović, Velimir R. Radmilović, **Durability of alkali activated slag in a marine environment: Influence of alkali ion**, J. Serb. Chem. Soc. 83 (10) 1143–1156 (2018)
4. Ana Drinčić, Janez Ščančar, Tea Zuliani, Irena Nikolić and Radmila Milačić, **Simultaneous speciation of chromate, arsenate, molybdate and vanadate in alkaline samples by HPLC-ICP-MS at different concentration levels of vanadate**, Journal of Analytical Atomic Spectrometry, 32 (2017) 2200 – 2209. ISSN: ISSN 0267-9477
5. Ana Drinčić, Irena Nikolić, Tea Zuliani, Radmila Milačić Janez Ščančar, **Long-term environmental impacts of building composites containing waste materials: Evaluation of the leaching protocols**, Waste Management 59 (2017) 340–349. ISSN ISSN: 0956-053X
6. Irena Nikolić, Smilja Marković, Ivona Janković - Častvan, Vuk Radmilović, Ljiljana Karanović, Velimir Radmilović, **Modification of mechanical and thermal properties of fly ash based geopolymer by the incorporation of steel slag**, Materials Letters, 176 (2016) 301–305, ISSN: 0167-577X.
7. Irena Nikolić, Ana Drinčić, Dijana Djurović, Ljiljana Karanović, Vuk V. Radmilović, Velimir R. Radmilović, Kinetics of electric arc furnace slag leaching in alkaline solutions, Construction and Building Materials 108 (2016) 1–9.
8. Irena Nikolić, Milena Tadić, Dijana Đurović, R. Zejak, Boban Mugoša, **Stabilization/solidification of spent grit in the fly ash based geopolymers**, i Environmental protection engineering (Science Citation Index) 41(2): (2015) 5-14. ISSN: 0324-8828.
9. Irena Nikolić, Ljiljana Karanović, Ivona Janković-Častvan, Vuk Radmilović, Slavko Mentus, Velimir Radmilović, **Improved compressive strength of alkali activated slag upon heating**, (Science Citation Index) Materials Letters 133 (2014) 251–254.
10. I. Nikolić, I.Častvan-Janković, J. Krivokapić, D. Đurović, V.V. Radmilović, V.R.Radmilović **Geopolymerization of low grade bauxite**, Materiali in tehnologije (Science Citation Index),48 (1) 39-44, (2014), ISSN 1580-2949
11. Radomir Zejak, Irena Nikolić, Dragoljub Blečić, Vuk Radmilović, Velimir Radmilović, **Mechanical and microstructural properties of fly ash based geopolymer paste and mortar**, Materiali in Tehnologije, (Science Citation Index), 47 (4) 535 -540 (2013), ISSN 1580-2949
12. Irena Nikolić, Dijana Đurović, Dragoljub Blečić, Radomir Zejak, Ljiljana Karanović, Stefan Mitsche, Velimir.R. Radmilović, **Geopolymerization of coal fly ash in the presence of electric arc furnace dust**, Minerals Engineering (Science Citation Index),49, 24-32 (2013), ISSN: 0892-6875.

13. Irena Nikolić, Radomir Zejak, Ivona Častvan-Janković, Ljiljana Karanović, Vuk Radmilović, Velimir Radmilović, ***Influence of alkali cation on the mechanical properties and durability of fly ash based geopolymers***, Acta Chimica Slovenica, (Science Citation Index), 60 (3) 636-643 (2013), ISSN 1318-0207
14. Irena Nikolić, Dijana Đurović, Radomir Zejak, Ljiljana Karanović, Milena Tadić, Dragoljub Blečić, Velimir R. Radmilović, ***Compressive strength and hydrolytic stability of fly ash based geopolymers***; Journal of the Serbian Chemical Society, (Science Citation Index), 78 (6) 851–863 (2013), ISSN 0352-5139
15. I. Nikolić, D. Blečić, V. Radmilović, ***Investigation of mechanism of Al(OH)₃ crystal growth***, Canadian Journal of Chemical Engineering, 87(1) (2009) 31–37, ISSN: 0008-4034
16. I. Nikolić, D. Blečić, N. Blagojević: ***The influence of tartaric acid on the phenomena of Al(OH)₃ crystallization from the caustic soda solution***, Chemical Industry & Chemical Engineering Quarterly, 14 (1) (2008), pp. 39-45. ISSN 1451-9372
17. I. Nikolić, V. Radmilović, T.Z. Sholklipper, D. Blečić: ***Using a FIB to prepare Al(OH)₃ samples for the TEM***, Materiali in Tehnologije, 42 (1) 45 (2008). pp. 45-47. ISSN 1580-2949
18. I. Nikolić, D. Blečić, N. Blagojević, V. Radmilović, K. Kovačević: ***Influence of oxalic acid on the kinetic of Al(OH)₃ growth from the caustic soda solutions***, Hydrometallurgy 74 (2004) pp. 1-9. ISSN: 0304-386X
19. I. Nikolić, D. Blečić, N. Blagojević, V. Radmilović, K. Kovačević: ***Influence of oxalic acid on the agglomeration process and total soda content in precipitated Al(OH)₃***, Journal of Crystal Growth 252 (2003), pp 360-366. ISSN 0022-0248
20. I. Blagojević (Nikolić), D. Blečić, R. Vasiljević: ***Influence of decomposition parameters on agglomeration process and total soda content in precipitated Al(OH)₃***, Journal of Crystal Growth 200 (1999), pp 558-564. ISSN 0022-0248

Radovo koji su štampani u časopisima koji se ne nalaze na SCI listi

21. Milena Tadić, Dijana Djurović, Bojana Mugoša, Irena Nikolić, ***Fly ash based geopolymers as potential adsorbent for copper removal from aquatic solution***, International journal of Ecosystems and Ecology Science, Vol 3/2, 2013, 219-222. ISSN 2224-498
22. Irena Nikolić, Radomir Zejak, Dragoljub Blečić, Milena Tadić, Velimir R. Radmilović, ***Geopolymerization of fly ash as a possible solution for stabilization of used sandblasting grit***, Zaštita Materijala, 53 No 4, 2012, 361-365. ISSN 0351-9465
23. I. Nikolić, D. Blečić, N. Blagojević, V. Radmilović, K. Kovačević: ***Fenomeni procesa kristalizacije Al(OH)₃ aluminatnih rastvora***, Metalurgija, No 4, Vol 9, 2003, pp. 245-293. ISSN 0354-6306

RADOVI PUBLIKOVANI U ZBORNICIMA SA KONFERENCIJAMA

24. Miljan Bigović, Slađana Krivokapić, Dijana Đurović*, Nevena Cupara, Irena Nikolić, ***agricultural soil pollution by heavy metals in the municipality of Pljevlja, Montenegro, EcoTER 20, 16 - 19 June 2020, Kladovo, Serbia, str. 82-87.***

25. Milena Tadić, **Irena Nikolić**, Danica Laković, Dijana Đurović, Nevena Cupara, **Modified fly ash as a new adsorbent for Cu²⁺ removal from aquatic solutions**, *EcoTER 20*, 16 - 19 June 2020, Kladovo, Serbia, str.193-197 .
26. Irena Nikolić, Ivana Milašević, Nevena Cupara, Ljubica Ivanović, Dijana Đurović, Smilja Marković, Ljiljana Veselinović, Vuk Radmilović, Velimir Radmilović, **A novel type of building material derived from the by-products of steel making industry**, *YUCOMAT 2019*, 2-6 septembar, Herceg Novi, Crna Gora. str. 84
27. Irena Nikolić, Dijana Đurović, Vuk Radmilović, Smilja Marković, Velimir Radmilović, **Characterization of electric arc furnace slag by xrd, sem/eds and thermal analysis**, *27th International Conference Ecological Truth & Environmental Research, EcoTER 19*, 18 - 21 June 2019, Borsko jezero, Serbia, str. 110-114.
28. Milena Tadić, Dijana Đurović, Irena Nikolić, **Kinetic of Cu, Cd and Zn removal from aquatic solutions onto alkali activated slag: single - and multicomponent system**, *VI International Congress "Engineering, Environment and Materials in Processing Industry"* Jahorina, Mart 11-13, 2019, Bosna i Hercegovina, str.466 -470
29. Ivana Milašević, Ljubica Ivanović, **Irena Nikolić**, Dijana Đurović, Smilja Marković, Vuk Radmilović V, Velimir Radmilović **New multifunctional materials based on steel slag**, *YUCOMAT 2018*, 3-7 septembar, Herceg Novi, Crna Gora. str. 123.
30. **Irena Nikolić**, Dijana Đurović, Ivana Milašević, Smilja Marković, Ljiljana Veselinović, Vuk V. Radmilović, Ivona Janković-Častvan, Velimir R. Radmilović, **Alkali Activated Slag as Adsorbents for Cu²⁺ Removal from Wastewaters**, *ELMINA 2018*, Bograd, Srbija, August 27-29, 2018. str 198-200.
31. **Irena Nikolić**, M. Tadić, D. Đurović, I. Milašević, **Adsorption Behaviour Of Cu²⁺ Onto Original And Modified Electric Arc Furnace Slag**, *26th International Conference Ecological Truth & Environmental Research, EcoTER 18*, 12 - 15 June 2018, Borsko jezero, Serbia, str. 301-305.
32. **Irena Nikolić**, Dijana Đurović, Ivana Milašević, **The mechanism of Cu²⁺ removal from aquatic solutions using the alkali activated slag**, *V International congress "Engineering, environment and materials in processing industry"* BiH, Jahorina, 15-17 mart, 2017, pp 241-247.
33. **Irena Nikolić**, Dijana Đurović, Ivana Milašević, Smilja Marković, Vuk Radmilović, Velimir Radmilović, **The slag based adsorbents for Cu²⁺ removal from aquatic solutions**, *YUCOMAT 2017*, 4-8 septembar, Herceg Novi, Crna Gora. str. 58.
34. **Irena Nikolić**, Dijana Đurović, Ivana Milašević, **Properties of alkali activated slag under the sea water attack**, *XXV International Conference "Ecological truth" Eco-ist'17*, 12 - 15 June 2017, Vrnjacka Banja, Serbia, str. 108-112.
35. **Irena Nikolić**, Dijana Đurović, Milena Tadić, Ivana Milašević, **The kinetic of Cu removal from aquatic solutions using the electric arc furnace slag**, *V International congress "Engineering, environment and materials in processing industry"* BiH, Jahorina, 15-17 mart, 2017, pp 248-254.
36. **Irena Nikolić**, **Thermal insulating lightweight materials based on fly ash and expanded perlite**, *49th International October Conference on Mining and Metallurgy*, Borsko jezero, Bor, Srbija 18 - 21 oktobar, 2017, 448-451.
37. **Irena Nikolić**, Milena Tadić, Ivana Milašević, Dijana Đurović, Zoltan Kazi, Bogdana Vujić, **Bauxite based geopolymer as a novel adsorbent for heavy metals removal from aquatic solutions**, *5th International Conference "Ecology of Urban Areas" 2016*, 28- 30. September 2016. Str. 129-132

38. Irena Nikolić, Smilja Marković, Vuk Radmilović, Velimir Radmilović, **Correlation between hydration progress and strength of alkali activated slag: influence of alkali ion**, The 48th International October Conference on Mining and Metallurgy, 28 September-1. October 2016, Bor (Serbia), pp. 57-60.
39. Milena Tadić, Irena Nikolić, **Aktivni VS pasivni sistem prečišćavanja kiselih drenažnih voda rudnika**, Treći međunarodni simpozijum o koroziji i zaštiti materijala i životnoj sredini, Crna Gora, Bar, 12-15 oktobar, 2016. god, pp, 277-284.
40. Milena Tadić, Ivana Milašević, Dijana Đurović, Irena Nikolić, **Simultaneous removal of Cu and Zn from aqueous solution with fly ash and bauxite based geopolymers**, The 48th International October Conference on Mining and Metallurgy, 28 September-1. October 2016, Bor (Serbia), pp. 88-91.
41. Irena Nikolić, Smilja Marković, Ljiljana Karanović, Vuk Radmilović, Velimir Radmilović, **Strength and durability of alkali activated slag in a sea water: influence of alkali ion**, YUCOMAT 2016, 5-10 septembar, Herceg Novi, Crna Gora.str. 38.
42. Irena Nikolić, D. Đurović, B. Mugoša, **Stabilization/solidification of electric arc furnace dust in slag based alkali activated binders**, XXIV International Conference "Ecological truth" Eco-ist'16, 12 - 15 June 2016, Hotel "BREZA" Vrnjacka Banja, Serbia, str. 122-127
43. Krgović M., Tadić M., **Nikolić I.(2015)** Frost resistance of alkali activated steel slag. IV International Congress: Engineering, Environment and Materials in Processing Industry, Jahorina, 4-6.mart (2015) str.387-390.
44. Irena Nikolić, Smilja Marković, Ljiljana Karanović, Vuk Radmilović, Velimir Radmilović, **Thermal Resistance of Alkali Activated Binders Synthesized Using the Fly Ash and Steel Slag**, YUCOMAT 2015, 31.avgust-4.septembar. Herceg Novi, Crna Gora.str.24.
45. **Nikolić I.**, Djurović D., Mugoša B. (2015) Influence of cement addition on the stabilization/solidification of electric arc furnace dust in the fly ash based geopolymers, 52nd Meeting of the Serbian Chemical Society, Novi Sad, 29-30. 05. 2015 str. 63-66.
46. Blečić D, **Nikolić I.**, Radmilović V.R. (2015) Strength and fire – resistance of alkali activated binders. IV International Congress: Engineering, Environment and Materials in Processing Industry, Jahorina, 4-6.03.2015.str.382-386.
47. Irena Nikolić, Velimir Radmilović, **Strength and shrinkage of alkali activated fly ash /slag blends at elevated temperatures**, The 47th International October Conference on Mining and Metallurgy, 4-6 . October 2015, Bor Lake, Bor (Serbia),
48. Radomir Zejak, Milena Tadić, Drgaoljub Blečić, Irena Nikolić, **Hydrolytic stability of alkali activated fly ash/slag blends**, The 4th International October Conference on Mining and Metallurgy, 4-6 . October 2015, Bor Lake, Bor (Serbia),
49. Irena Nikolić, Radomir Zejak, Vuk Radmilović, Velimir Radmilović, **Effect of substitution of fly ash with steel slag on the mechanical properties of alkali activated mortars**, 8th International Scientific Conference "Science and Higher Education in Function of Sustainable Development" 02-03 October 2015, Uzice, Serbia, str. 1-5.
50. Irena Nikolić, Dijana Đurović, Radomir Zejak, **Strength and durability of alkali activated Binders based on fly ash and slag**, iNDiS 2015, 13International Scientific Conference Planning, Design, Construction And Renewal In The Civil Engineering, Novi Sad, Serbia 25-27 November 2015, str. 254 -259.
51. I.Nikolić. I. Janković-Častvan, V.V. Radmilović, Lj. Karanović, S. Mentus, V. R. Radmilović, **Influence of alkali ion on the properties of alkali activated slag**, YUCOMAT 2014, 1-4 Septembar, Herceg Novi, Crna Gora. p. 11.
52. I.Nikolić. I. Janković-Častvan, V.V Radmilović, D. Blečić, V.R. Radmilović, **Role of alkali activator chemistry on the thermal behavior of alkali activated slag**, The 46th International October Conference on Mining and Metallurgy, 1-4. October 2014, Bor Lake, Bor (Serbia), pp 108-111.
53. I Nikolić. R. Zejak, M. Tadić, **Thermal stability and fire resistance of fly ash based geopolymers**, 5th International Conference, Civil Engineering- Science and Practice, 17-21. februar, Zabljak 2014, pp. 1005-1009

54. R. Zejak, I. Popović, **I. Nikolić**, V. Radmilović, ***Dyrability of steel slag based geopolymers***, Internatioanl Conference, "Meeting Point of the Science and Practice in the Fields of Corrosion, Materials and Environmental Protection" 15YuCoor , 17–20 September **2013**, Tara , Serbia, 237-1375
55. Milena Tadić, **Irena Nikolić**, Velimir Radmilović ***Comparative analysis of hydrolytic stability of slag and fly ash based geopolymers***, The 45th International October Conference on Mining and Metallurgy, 16-19 October **2013**, Bor Lake, Bor (Serbia) pp 132-136
56. M. Krgović, I. Popović, V.V. Radmilović, M. Tadić, **I. Nikolić**, ***Influence of source materials on the compressive strength of geopolymers***, Internatioanl Conference, "Meeting Point of the Science and Practice in the Fields of Corrosion, Materials and Environmental Protection" 15YuCoor , 17–20 September **2013**, Tara , Serbia, 241-245.
57. **Irena Nikolić**, Nebojša Tadić, Žarko Radović, Drgoljub Blečić, Milisav Lalović ***Influence of alkali dosage on the thermal and fire resistance of bauxite based geopolymers***, The 45th International October Conference on Mining and Metallurgy, 16-19 October, **2013**, Bor Lake, Bor (Serbia) pp 132-135
58. R. Zejak, **I. Nikolić**, M. Tadić, ***Influence of synthesis parameters on the mehanical properties of low-grade bauxite based geopolymer composites***, The 9th Scientific Technical International Coference: Contemporary Theory and Practice in Building Development, 11–12 April **2013**, Banja Luka, Republika Srpska, pp. 227-232.
59. **Irena Nikolić**, Dijana Đurović, Ivana Popović, Velimir Radmilović, ***Valorization of electric arc furnace slag by the geopolymerization process***, 13th International Foundrymen Conference, Innovative Foundry Processes and Materials, May, 16 -17, **2013**, Opatija, Croatia , pp. 289-293.
60. **I. Nikolić**, I. Janković-Častvan, V. V. Radmilović, Lj. Karanović, S. Marković, S. Mentus, V.R.Radmilović, ***Geopolymer materials based on the electric arc furnace slag***, YUCOMAT 2013, Septembar, (**2013**) Herceg Novi, Crna Gora. p. 47.
61. Dragoljub Blečić, **Irena Nikolić**, Velimir R. Radmilović, ***Thermal stability of electric arc furnace slag based geopolymers***, The 45th International October Conference on Mining and Metallurgy, 16-19 October **2013**, Bor Lake, Bor (Serbia) pp. 128-131
62. **Djurović, I. Nikolić**, I. Janković-Častvan, M: Tadić, B.P. Mugoša, ***Geopolymerization of fly ash as possible technology for immobilization of heavy metals from electric arc furnace dust***, 8th International conference on the Chemical Societies of the South-East European Countries, ICOSECS 8, June, 27-29. **2013**, Belgrade, Serbia, p 150
63. D. Djurović, **I. Nikolić**, M. Tadić, B.V. Mugoša, ***Geopolymerization of fly ash as possible technology for immobilization of electric arc furnace dust***, 14th European Meeting on the Environmantal Chemistry, 14th EMEC, December **2013**, Budva, Montenegro, p. 131-132.
64. D. Blečić, **I. Nikolić**, J. Krivokapić, R. Zejak, M. Tadić, ***Influence of synthesis parameters on the geopolymerization of low- grade bauxite***, 3th International congress, Engineering, Environment and Materials in Processing Industry, 4-6 mart Jahorina **2013**, Bosna i Hercegovina, pp. 353-357
65. D. Đurović, **I. Nikolić**, R. Zejak, M.Tadić. V. Radmilović, ***Conversion of fly ash in the environmental friendly materials thorough geopolymerisation process***, 44th international October Conference on Mining and Metallurgy, IOC44, 1-3 October **2012**, Bor, Serbia, pp.347-352.
66. R. Zejak, **I. Nikolić**, M. Tadić, D. Blečić, ***Influence of alkaline dosage on the mechanical properties and thermal stability of fly ash based geopolymers***, 5th International Conference, Science and Higher Education in Function of Sustainable Development, 4-5, Oktobar, **2012**, Uzice, Srbija, pp.3-44 do 3-47
67. R. Zejak, **I. Nikolić**, D.Đurović, B.P.Mugoša,D. Blečić, V. Radmilović, ***Influence of Na₂O/Al₂O₃ and SiO₂/Al₂O₃ ratios on the immobilization of Pb from electric arc furnace into the fly ash based geopolymers***, 16th International Conference on Heavy metals in the Environment, **ICHMET 2012**, 23-27 September (**2012**) Rome, Italy (E3S Web of Conferences)

68. M. Krgović, R. Zejak, M. Tadić, **I. Nikolić**, *Fly ash based geopolymers – new materials in civil engineering*, Second Interantional Symposium on Corrosion and Protection of Materials and Environment, 17-20, Oktobar, 2012, Bar, Crna Gora, pp.215-219
69. **I. Nikolić**, R. Zejak, D. Blečić, M. Krgović, M. Tadić, *Utilization of electrofilter ash as a building meterial through geopolymerization process*, 4th International Conference, Civil Engineering- Science and Practice, GNP 12, **Zabljak 2012**, pp. 1707-1712,
70. **I. Nikolić** and R. Zejak, *Fly ash geopolymer based immobilization of electric arc furnace dust*, YUCOMT 2012, 3-7. Septembar, 2012, Herceg Novi, Crna Gora, p. 40.
71. **I. Nikolić**, D. Đurović, M. Tadić, D. Blečić, V. Radmilović, *Immobilization of Zn²⁺ from metallurgical waste and waste waters using geopolymerization technology*, 16th International Conference on Heavy metals in the Environment, ICHMET 2012, 23-27 September Rome (2012) Italy E3S Web of Conferences 1,41026
72. D. Blečić, **I. Nikolić**, R. Zejak, M. Tadić, V. Radmilović, *Influence of type of alkali solution on the properties of fly ash based geopolymers*, 44th international October Conference on Mining and Metallurgy, IOC44, 1-3 October 2012, Bor, Serbia, pp.353-356
73. **I. Nikolić**, D. Blečić, *Recent achievements in investigations of Bayer aluminium trihydroxide growth*, YUCOMAT 2011, 5-9 septembar 2011. Herceg Novi, Crna Gora p.88.
74. **I. Nikolić**, D. Blečić, *Nucleation of alumina trihydrate during the precipitation from caustic soda solution*, XXI Congress of Chemist and Technologists of Macedonia, 23-26 September, 2010. Ohrid, p. 206
75. **I. Nikolić**, D. Blečić *Influence of organic impurities on total soda content in Al(OH)₃ precipitated during the Bayer process*, , 7st International Conference of Chemical Societies of South-East European Countries, 15-17. September (2010), Bucharest, Romania, p. 108
76. **I. Nikolić**, D. Blečić, V. Radmilović : **Preparation of Al(OH)₃ Powder by FIB for TEM Investigation**, YUCOMAT 2007, September, 10-14, 2007, Herceg Novi, Montenegro p. 77
77. **I. Nikolić**, D. Blečić, M. Vukčević, V. Radmilović: ” **Influence of Organic Impurities on the Phenomena of Crystallization Process of Al(OH)₃ from Caustic soda Solutions** ” 4th Balkan Conference on Metallurgy, September, 27-29, 2006, Zlatibor, Serbia, p.195
78. D. Blečić, , **I. Nikolic**, D. Dajkovic, M. Vukcevic, V. Radmilovic, ” **Distribution Zn during the crystallization Al(OH)₃ from caustic soda solution** ” YUCOMAT 2006 ”, Septembar, (2006) Herceg Novi, Montenegro, p. 90.
79. **I. Nikolić**, D. Blečić, M. Vukčević, V. Radmilović : ” **Investigation of impurities on the mechanism of Al(OH)₃ crystal growth** ” YUCOMAT 2005, September, 12-16, 2005, Herceg Novi, Montenegro, p. 66.
80. **I. Nikolić**, D. Blečić, N. Blagojević, V. Radmilović, K. Kovačević: **Influence of tartaric acid on Al(OH)₃ crystallisation from caustic soda solution**, 4th International Conference of the Chemical Societies of the South-East European Countries on *Chemical Sciences in Changing Times: Visions, Challenges and Solutions*, Belgrade, July, 18-21, 2004 p. 125.
81. **I. Nikolić**, D. Blečić, N. Blagojević, V. Radmilović: **Investigation of Al(OH)₃ Crystal Growth**, II International Symposium of Light Metals and Composite Materials, Belgrade, May, 19-20, (2004), p. 63.
82. **I. Nikolić**, D. Blečić, N. Blagojević, V. Radmilović, K. Kovačević: **Influence of seed grain size and oxalic acid on the particle size distribution of Al(OH)₃ crystals during the decomposition of caustic soda solutions**, YUCOMAT 2003, Herceg Novi, Yugoslavia, September 15- 19, (2003), p.55.
83. **I. Nikolić**, D. Blečić, N. Z. Blagojević, V. Radmilović, K. Kovačević: **Uticaj oksalne kiseline na proces rata kristala Al(OH)₃ iz aluminatnih rastvora u Bayer-ovom procesu proizvodnje glinice**, VI Savetovanje ”Primena naučnih istraživanja i projektnih rešenja u metalurgiji” Arandjelovac, Jun, 12-13, (2003), p.63
84. **I. Nikolić**, D. Blečić, N. Blagojević, V. Radmilović: **Some aspect of Al(OH)₃ crystallization**, 3rd International Conference of the Chemical Societies of South-East European Countries on Chemistry in the New Millennium – an Endless Frontier, September 22-25, 2002, Bucharest, Romania, p.321.

85. D. Blečić, I. Nikolić, N. Blagojević, V. Radmilović: **About agglomeration in Al(OH)₃ Crystallization**, 3rd International Conference of the Chemical Societies of South-East European Countries on Chemistry in the New Millennium – an Endless Frontier, September, 22-25, **2002**, Bucharest, Romania, p.322.
86. N.Z. Blagojević, R.M. Zejnilović, R. Vasiljević, I. Nikolić: **Hemijski tretman tečne faze bazena "A" Fabrike glinice – Podgorica.**, IV Yugoslav Symposium Chemistry and Environment, Zrenjanin, Serbia, September, 23-26, **2001**, pp. 355-357.
87. D. Blečić, I. Nikolić, R. Vasiljević: **Uticaj pojedinih parametara na proces kristalizacije Al(OH)₃ iz aluminatnih rastvora**, V Savjetovanje metalurga Jugoslavije – Novi Sad, **2001**, p. 1
88. D. Blečić, I. Nikolić, R. Vasiljević: " **Uticaj temperature razlaganja aluminatnih rastvora na pokazatelje procesa i karakteristike aluminijum-hidroksida** ", XXXII Octobre conference, Donji Milanovac, October, 1-3, **2000**, pp. 82-86,
89. D. Blečić, I. Nikolić, R. Vasiljević: **Some aspects of crystallization of Al(OH)₃ from aluminate solutions**, 2nd International Conference of Chemical Societies of South-East European Countries, Halkidiki, Greece, June 1-4, (**2000**) p.4
90. I. Blagojević (Nikolić), D. Blečić, R. Vasiljević: **Influence of temparture and supersaturation of aluminate solutions on growth crystal and agglomeration processes**, I International Symposium of Light Metals and composite materials, Belgrade, October, 26-27, **1999**, p.15.
91. I. Blagojević (Nikolić), D. Blečić, R. Vasiljević: **Influence of decomposition parameters on total soda content in precipitated Al(OH)₃**, 1st International Conference of Chemical Societies of South-East European Countries, Halkidiki, Greece, June 1-4, (**1998**) PO13
92. I. Blagojević (Nikolić), D. Blečić, R. Vasiljević: **Uticaj kristalizacionog odnosa na procese sekundarne nukleacije i aglomeracije Al(OH)₃**, VI Savjetovanje hemičara i tehnologa Republike Srpske, Banja Luka Novebar 19-20, (**1998**), p. 31
93. I. Blagojević (Nikolić), D. Blečić, R. Vasiljević: **Kinetics aspects of crystallization of Al(OH)₃ in dependence of seed ratio**, XXX Octobre conference, Donji Milanovac, October, 1-3, **1998**, p. 470

Učešće u naučno-istraživačkim projektima

1. **I. Nikolić**, V.R. Radmilović, V.V. Radmilović, D. Đurović, R. Milačić, J. Ščančar, S. Marković.... *Novi materijali na bazi otpada iz industrije čelika*, Ministarstvo nauke Crne Gore; nosilac projekta, Institut za javno zdravlje Crne Gore, 2018- 2020. (**rukovodilac projekta**)
2. **I. Nikolić**, D. Đurović, A. Mladenović, A. Mauko-Pranjić... *Novi, ekološki prihvatljiv termoizolacioni malter na bazi pepela i ekspaniranog perlita*, Bilateralni projekat između Republike Slovenije i Crne Gore, nosilac projekta, Metalurško-tehnološki fakultet, Univerzitet Crne Gore, 2016-2017 (**rukovodilac projekta**)
3. B. Mugoša, **I. Nikolić**, D. Đurović....., *Solidifikacija/stabilizacija toksičnog otpada u materijale na bazi lebdećeg cementa i pepela*, Bilateralni projekat između Republike Slovenije i Crne Gore, nosilac projekta, Institut za javno zdravlje Crne Gore 2014-2015. (saradnik na projektu)
4. **I. Nikolić**, D. Blečić, V. Radmilović, R. Zejak, D. Đurović ..., *Ispitivanje mogućnosti dobijanja građevinskih materijala na bazi bijelih boksita pepela i šljake*, Ministarstvo nauke Crne Gore, nosilac projekta, Metalurško-tehnološki fakultet, Univerzitet Crne Gore 2012- 2014. (**rukovodilac projekta**)
5. D. Blečić, **I. Blagojević (Nikolić)** "Optimizacija procesa razlaganja aluminatnih rastvora u Bayer-ovom procesu", nosilac projekta, Metalurško-tehnološki fakultet, Univerzitet Crne Gore, 1998 (saradnik na projektu)
6. D. Blečić, **I. Nikolić**, M. Vukčević, "Ispitivanje fenomena procesa kristalizacije Al(OH)₃ iz kaustičnih rastvora " Ministarstvo prosvjete i nauke; nosilac projekta. Metalurško-tehnološki fakultet, Univerzitet Crne Gore, 2005 (saradnik na projektu)

7. Ž. Blečić, D. Blečić, I. Nikolić "Istraživanje fenomena međudejstva faza metal troska i njihov uticaj na zavarljivost raznorodnih čelika" naučni projekat, Ministarstvo prosvjete i nauke, nosilac projekta, Metalurško-tehnološki fakultet, Univerzitet Crne Gore, 2009-2011 (saradnik na projektu)

PEDAGOŠKA DJELATNOST

Mentorstvo na doktorskim studijama

1. Ana Drinčić: Environmental impacts of building materials containing industrial waste byproducts and fly ash from thermal power plants, Jožef Stefan International Postgraduate School (IPS), Ljubljana, Slovenija, 2018. (komentor).

Mentorstvo na postdiplomskom studiju

2. Jasmina Krivokapić: Geopolimerizacija bijelog boksita i smješe bijeli boksit elektropečna prašina, *Univerzitet Crne Gore Metalurško-tehnološki fakultet*, Datum odbrane 12.09. 2013
3. Ivana Popović: Geopolimerizacija čeličanske elektropečne troske, *Univerzitet Crne Gore Metalurško-tehnološki fakultet*, Datum odbrane 11.09.2013.
4. Ana Drinčić: Kinetika rastvaranja čeličanske elektropečne troske u alkalnoj sredini, *Univerzitet Crne Gore Metalurško-tehnološki fakultet*, Datum odbrane 16.09.2014

Mentorstvo na dodiplomskom studiju

5. Jasmina Krivokapić: Ispitivanje mogućnosti imobilizacije teških metala iz elektropečne prašine u geopolimere na bazi pepela, *Univerzitet Crne Gore Metalurško-tehnološki fakultet*, Specijalistički rad, (odbranjen Jun 2012)