

Curriculum Vitae

Prof. Dr Slavica Ražić

URL: <http://www.pharmacy.bg.ac.rs/o-fakultetu/redovni-profesori/157/dr-sc-slavica-ra%C5%BEi%C4%87/>

Datum i mesto rođenja: 29.04.1960, Prizren, Srbija

Nacionalnost: Srпкиnja



OBRAZOVANJE

- 2014 Specijalističke akademske studije: Toksikološka procena rizika od zagađivača životne sredine
- 2000 Doktor hemijskih nauka, Dr sc. hem.
Odbranjena doktorska disertacija: "Uticaj organskih rastvarača na određivanje tragova elemenata metodama atomske emisije spektroskopije", Hemijski fakultet - Univerzitet u Beogradu
- 1991 Magistar farmaceutskih nauka, **Mr.sc. farm.**
Odbranjena magistarska teza "Ispitivanje perijodne oksidacije pentitola, pentozna i glukozida i njihovo određivanje", Farmaceutski fakultet - Univerzitet u Beogradu
- 1988 Stručni ispit
- 1983 Diplomirani farmaceut, Dipl. farm, Farmaceutski fakultet - Univerzitet u Beogradu
- 1978 Gimnazija "Jovanka Radivojević-Kica" u Prizrenu (Srbija)
- 1974 Osnovna škola "Mladen Ugarević" u Prizrenu (Srbija)

TRENTNA POZICIJA

- 2012 Redovni profesor - Katedra za analitičku hemiju - Farmaceutski fakultet - Univerzitet u Beogradu
- 2025 Naučni savetnik - Katedra za analitičku hemiju - Farmaceutski fakultet - Univerzitet u Beogradu

PRETHODNE POZICIJE

- 2007 Vanredni profesor (Katedra za analitičku hemiju - Farmaceutski fakultet - Univerzitet u Beogradu)
- 2001 Docent (Katedra za analitičku hemiju - Farmaceutski fakultet - Univerzitet u Beogradu)
- 1992 Asistent (Katedra za analitičku hemiju - Farmaceutski fakultet - Univerzitet u Beogradu)
- 1985 Asistent pripravnika (Katedra za analitičku hemiju - Farmaceutski fakultet - Univerzitet u Beogradu)

AKADEMSKE NAGRADE I PRIZNANJA

- 2023 Zahvalnica Farmaceutskog fakulteta UB za uspešnu promociju fakulteta i postignute izvanredne rezultate u oblasti naučno-istraživačkog rada

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- 2019 Zahvalnica Farmaceutskog fakulteta UB za uspešnu promociju fakulteta i postignute izvanredne rezultate u oblasti naučno-istraživačkog rada
- 2017 Počasni član Srpskog hemijskog društva za izuzetan doprinos radu Društva
- 2008 Godišnja nagrada Srpskog hemijskog društva za aktivnosti i doprinos Društvu
- 2001 Godišnja nagrada Privredne komore grada Beograda za najbolju doktorsku disertaciju u 2001.

NASTAVNE AKTIVNOSTI

Angažovanje na predmetima prve i druge godine, za dva studijska programa (diplomirani farmaceut i diplomirani farmaceut – medicinski biohemičar) integrisanih akademskih studija:

Analitička hemija 1 (obavezni predmet na I godini)

Analitička hemija 2 (obavezni predmet na II godini)

Odabrana poglavlja analitičke hemije sa modulom Zelena hemija (izborni predmet na III godini)

Specijalističke akademske studije - Toksikološka procena rizika: *Zelena hemija* u okviru predmeta Principi toksikologije.

Specijalističke zdravstvene studije - Sanitarna hemija: *Metode primenjene analitičke hemije*.

Mentor doktorskih disertacija:

- „Procena rizika po zdravlje učenika škole u urbanoj sredini usled prisustva štetnih hemijskih supstanci na suspendovanim česticama u vazduhu“ kandidat Jelena Obradović, 2025, Tehnološki fakultet – Univerzitet u Beogradu
- “Određivanje hroma u zemljištu i uzorcima gajene nane (*Mentha x piperita* L.) – analiza biorasplošivosti, mehanizama usvajanja i procena rizika”, kandidat Svetlana Đogo, 2011, Hemijski fakultet - Univerzitet u Beogradu
- “Hemijska i farmakološka karakterizacija nadzemnih delova samoniklog i plantažno gajenog timijana, *Thymus pannonicus* All. (*Lamiaceae*)”, kandidat Jelena Arsenijević, 2013, Farmaceutski fakultet - Univerzitet u Beogradu

Mentor magistarske teze:

“Proučavanje esencijalnih i teških metala u zemljištu i drogama lekovitih biljnih vrsta familija *Asteraceae* i *Lamiaceae*”, kandidat Svetlana Đogo, odbranjena 2005, Hemijski fakultet - Univerzitet u Beogradu

Članstvo u komisijama za izradu, recenziju i odbranu doktorata: Jelena Živković - Univerzitet u Beogradu, Srbija (2014), Ana María Casas Ferreira - University of Salananca, Španija (2011), Diego García Gómez - University of Salananca, Španija (2013), Nataša Stevanović-Radosavljević - Univerzitet u Beogradu, Srbija (2014), Jelena Acevska, Makedonija (2015), Ana Perez Anton - University of Salananca, Španija (2016), Alberto Tejero Rioseras - University of Cordoba, Španija (2018), Alberto Moral Ruiz, Španija, (2024).

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Mentor više od 50 diplomskih/završnih radova i velikog broja studentskih istraživačkih radova.

AKADEMSKE AKTIVNOSTI U ZEMLJI

2022-2025	Šef Katedre za analitičku hemiju Farmaceutskog fakulteta UB.
2020-	Član Odbora zadužbine Rade Milana Vukićevića.
2019-	Član Tima za organizaciju konferencija Srpskog hemijskog društva (SHD).
2018-	Član Radne grupe za Otvorenu nauku UB.
2015-2022	Član Saveta Farmaceutskog fakulteta UB.
2013-2019	Član Programskog Saveta za kontinuiranu edukaciju Farmaceutskog fakulteta UB.
2007-2013	Član Komisije za priznavanje visokoškolskih diploma Farmaceutskog fakulteta UB.
2012.	Predsednik centralne popisne komisije Farmaceutskog fakulteta UB.
2003-2007	Upravnik Instituta za analitičku hemiju Farmaceutskog fakulteta UB.
2004.	Član Komisije za praćenje i pripremu programa pripravničkog staža pri Farmaceutskoj komori.
2003.	Član Odbora fonda Olge i Milana Panić UB.
2003.	Koordinator Tempusa.
2001-2002	Član Zadužbinskog Saveta UB.
2012-2016	Potpredsednik Srpskog hemijskog društva (SHD).
2001-2023	Predsednik Sekcije za analitičku hemiju Srpskog hemijskog društva.
1986-1987	Član Saveta Farmaceutskog fakulteta UB.

MEĐUNARODNE NAUČNE AKTIVNOSTI

2024-2025	Titularni član Sekcije za analitičku hemiju IUPAC-a (ACD-IUPAC).
2024-	Član Interdivizijske komisije IUPAC-a za zelenu hemiju i održivi razvoj (ICGCSD-IUPAC).
2021-2025	Član Predsedništva Evropskog hemijskog društva (EuChemS Executive Board).
2017-2022	Predsednik Sekcije za analitičku hemiju Evropskog hemijskog društva (DAC-EuChemS).
2016-2017	Pridruženi član Sekcije za analitičku hemiju IUPAC-a (ACD-IUPAC).
2013-	Predstavnik SHD-a u IUPAC-u.
2010-	Član Predsedništva DAC-EuChemS-a.
2008-	Član Prezidijuma Euroanalysis konferencija.
2002-	Delegat SHD-a u DAC-EuChemS (Division of Analytical Chemistry of the European Association for Chemical and Molecular Sciences).

ČLANSTVO I ORGANIZACIJA VEĆIH NAUČNIH KONFERENCIJA

2025	Član Naučnog odbora konferencije XXII European Conference on Analytical Chemistry, Euroanalysis, Barcelona (Spain), 31. avgust – 4. septembar, 2025.
2024	Član Naučnog odbora konferencije 3rd European Sample Preparation Conference (EuSP2024) and the 2nd Green and Sustainable Analytical Chemistry Conference (GSAC2024). Chania-Crete, Greece. 15-18. septembar, 2024.
2023	Član Naučnog odbora konferencije XXI European Conference on Analytical Chemistry, Euroanalysis, Geneva (Switzerland), 27-31. avgust, 2023.

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- 2023 Član Naučnog odbora konferencije EuroFoodChem, Belgrade (Serbia), 14-16. jun, 2023.
- 2022 Član Naučnog odbora konferencije 58th Savetovanja Srpskog hemijskog društva,, Beograd, 9-10. jun, 2022.
- 2022 Član Naučnog odbora konferencije 2nd European Sample Preparation Conference, online, 14-16. mart, 2022.
- 2022 Član Naučnog odbora konferencije 1st Green and Sustainable Analytical Chemistry e-conference, 14-16. Mart, 2022.
- 2022 Član Naučnog odbora konferencije 7th Congress of Pharmacy in North Macedonia with International participation, Ohrid (North Macedonia), 5-9. oktobar, 2022.
- 2021 Predsedavajući konferencije 1st European Sample Preparation Conference, online, 11-12. mart, 2021.
- 2021 Član Naučnog odbora konferencije XXI EUROFOODCHEM, online, Portugal, 22-24. novembar, 2021.
- 2019 Član Naučnog odbora konferencije XX European Conference on Analytical Chemistry, Euroanalysis, Istanbul (Turkey), 1-5. septembar, 2019.
- 2017 Član Naučnog odbora konferencije XIX European Conference on Analytical Chemistry, Euroanalysis, Stockholm (Sweden), 29. avgust – 1. septembar, 2017.
- 2017 Član Naučnog odbora 54. Savetovanja Srpskog hemijskog društva, Beograd, 29-30. septembar, 2017.
- 2016 Član Naučnog odbora 6. Congress of Pharmacy in Macedonia, Ohrid, 1-6. jun, 2016.
- 2016 Član Naučnog odbora 57. Kongresa studenata biomedicinskih nauka sa međunarodnim učešćem, Srebrno jezero, 22-26. april, 2016.
- 2016 Član Naučnog odbora 53. Savetovanja Srpskog hemijskog društva, Kragujevac, 10-11. jun, 2016.
- 2015 Član Naučnog odbora XVIII European Conference on Analytical Chemistry, Euroanalysis, Bordeaux, 16-10. septembar, 2015.
- 2015 Član Naučnog odbora 52. Savetovanja Srpskog hemijskog društva, Novi Sad, 29-30. maj, 2015.
- 2014 Član Naučnog odbora Global Students' Conference of Biomedical Sciences, Beograd, 2-5. oktobar, 2014.
- 2013 Član Naučnog odbora XVII European Conference on Analytical Chemistry, Euroanalysis Warsaw, 25-29. avgust, 2013.
- 2011 Predsedavajući XVI European Conference on Analytical Chemistry, Euroanalysis, Beograd, 11-15. septembar, 2011 (oko 600 učesnika iz 57 zemalja Evrope i širom sveta).
- 2005 Član Naučnog odbora The Sixth European Meeting on Environmental Chemistry, EMEC 6, Beograd.
- 2004 Član organizacionog odbora 4th International Conference of the Chemical Societies of the South-East European Countries, ICOSCS 4, Beograd
- 2004 Član Organizacionog odbora XLII Savetovanja Srpskog hemijskog društva, Beograd.
- 2000 Član Organizacionog odbora 5th International Conference on Fundamental and Applied Aspects of Physical Chemistry, Beograd.

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- 2023- Član *International Advisory Board* časopisa *Analytical and Bioanalytical Chemistry* (Springer)
- 2021- Član *Editorial Advisory Board* časopisa *Advance in Sample Preparation* (Elsevier)
- 2019-2023 Član uređivačkog odbora *Journal of Reserach in Pharmacy*
- 2004-2023 Član izdavačkog odbora i područni urednik za oblast Analitička hemija u časopisu *Journal of Serbian Chemical Society*

Recenzentske aktivnosti (naučni časopisi)

1. Advances in Sample Preparation
2. Analytical and Bianalytical Chemistry
3. Analytical Chemistry
4. Analytical Methods
5. Arabian Journal of Chemistry
6. Biomass Conversion and Biorefinery
7. Chemosphere
8. Chromatographia
9. Croatica Chemica Acta
10. Ecotoxicology and Environmental Safety
11. Environmental Chemistry Letters
12. Environmental Monitoring and Assessment
13. Environmental Pollution
14. Environmental Science and Pollution Research
15. Food Chemistry
16. Food Sciences and Emerging Technologies
17. International Journal of Environmental Analytical Chemistry
18. Italian Journal of Food Science
19. Journal of AOAC International
20. Journal of Arid Environments
21. Journal of the Brazilian Chemical Society
22. Journal of Chromatography A
23. Journal of Hazardous Materials
24. Journal of Planar Chromatography
25. Journal of Research in Pharmacy
26. Journal of Separation Science
27. Journal of Pharmaceutical and Biomedical Analysis
28. Journal of the Serbian Chemical Society
29. Macedonian Journal of Chemistry and Chemical Engineering
30. Microchemical Journal
31. Molecules
32. Monatshefte für Chemie - Chemical Monthly
33. Polish Journal of Environmental Studies
34. RSC Advances
35. Science of the Total Environment
36. Separations
37. Talanta
38. Trends in Analytical Chemistry
39. Trends in Environmental Analytical Chemistry
40. Bezbednost

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41. Hemijska industrija
42. Arhiv za farmaciju

Recenzije udžbenika i monografija

- 2020 Recenzija poglavlja *Methods for Trace Analysis of Pharmaceuticals and pesticides in water and sediments samples*, autora Ivana Matić Bujagić, Svetlana Grujić, Tatjana Đurkić and Mila Laušević, u monografiji *Alluvial Processes*, IWA Publishing.
- 2016 Recenzija knjige *Chemometric Approach to the Experiment Optimization and Data Evaluation in Analytical Chemistry*, Antonije Onje sa Tehnološkog fakulteta Univerziteta u Beogradu.
- 2010 Recenzija udžbenika *Analitička hemija Kvantitativna hemijska analiza*, autora sa Tehnološkog fakulteta Univerziteta u Beogradu.

MEĐUNARODNE KOMISIJE

- 2025 Recenzent projekta pod naslovom: "Inovativne tehnike ekstrakcije i inkapsulacije u valorizaciji otpada od kamilice (ChamWAVE)", Croatian Science Foundation Call for Proposals "Research projects 2025".
- 2025 Član Međunarodnog žirija za nagrade Katalonskog hemijskog društva (Španija).
- 2024 Predsednik Međunarodne komisije za odbranu doktorata iz Analitičke hemije. Naslov: In-house mixed-mode ion-exchange materials for the extraction of contaminants from environmental samples. Kandidat: Alberto Moral Ruiz Departament de Química Analítica i Química Orgànica - Universitat Rovira i Virgili (Spain).
- 2024 Član Međunarodnog žirija za nagrade Katalonskog hemijskog društva (Španija).
- 2022 Recenzent ERC Projekta „IRIS 2.0“, European Research Council (ERC).
- 2019 Član Međunarodne komisije za izbor jednog redovnog profesora iz Farmaceutске bioanalize na Univerzitetu u Beču (Austria).
- 2019 Član komisije za recenziju projekta iz Analitičke hemije. Naslov projekta: Unified pH Scale: from Concept to Applications. Estonian Research Council (Estonia).
- 2018 Član Komisije za recenziju doktorske disertacije iz Analitičke hemije. Naslov: Real-time determination of vapors by means of secondary electrospray ionization (SESI) coupled to mass spectrometry: mechanistic studies and biochemical applications. Kandidat: Alberto Tejero Rioseras. Department of Analytical Chemistry - University of Cordoba (Spain).
- 2016 Član Međunarodne komisije za odbranu doktorata iz Analitičke hemije. Naslov: Development of combinations of sample treatment and data processing techniques for the simplification of analytical methods. Kandidat: Ana Perez Anton. Department of Analytical Chemistry, Nutrition and Food Science - University of Salanca (Spain).
- 2016 Član Međunarodne komisije za izbor jednog redovnog profesora za oblast Farmaceutске analize. Department of Pharmacy, School of Health Sciences of the National and Kapodistrian - University of Athens (Greece).
- 2015 Član Međunarodne komisije za izbor jednog redovnog profesora za oblast Instrumentalne hemijske analize. School of Chemical Engineering, National Technical University of Athens (Greece).

Curriculum Vitae

- 2015 Član Međunarodne komisije za izbor jednog redovnog profesora za oblast Analitičke hemije. School of Chemistry - Aristotle University of Thessaloniki (Greece).
- 2015 Član Međunarodne komisije za izbor jednog vanrednog profesora za oblast Farmaceutске analize. School of Medicine - Faculty of Health Science - Aristotle University of Thessaloniki (Greece).
- 2013 Član Međunarodne komisije za izbor jednog redovnog profesora za oblast Analitičke hemije, School of Chemistry - Aristotle University of Thessaloniki (Greece).
2013. Član Komisije za recenziju doktorske disertacije iz Analitičke hemije. Naslov: New sample treatment strategies for the determination of organic contaminants in environmental matrices. Kandidat: Diego García Gómez. Department of Analytical Chemistry, Nutrition and Food Science - University of Salamanca (Spain).
- 2011 Član Komisije za recenziju doktorske disertacije iz Analitičke hemije. Naslov: New sample treatment strategies for the determination of organic contaminants in environmental matrices. Kandidat: Ana María Casas Ferreira. Department of Analytical Chemistry, Nutrition and Food Science - University of Salamanca (Spain).

ČLANSTVO U DRUŠTVIMA I ODBORIMA U ZEMLJI

- 2012-2016 Potpredsednik Srpskog hemijskog društva (SHD)
- 2004- Član Predsedništva i Upravnog odbora SHD-a
- 2003-2023 Predsednik Sekcije za analitičku hemiju SHD-a
- 1984 - Član Srpskog hemijskog društva (SHD)
- 1984 - Član Saveza farmaceutskih udruženja Srbije (SFUS, ranije FDS)

NAUČNI PROJEKTI

- 2024-2026 Novel Bio-linked Magnetite/geopolymer Composites in Phenol-containing Wastewater Treatment: Toward Zero-waste Technology – Fond za nauku Republike Srbije – program PRIZMA. Rukovodilac projekta.
- 2022-2024 Monitoring of trace metal elements including lanthanides in the environmental samples as potential pollutants. Bilateral - Cooperation Agreement between the Joint Institute for Nuclear Research (JINR), Dubna, Russian Federation, and the Ministry of Education and Science of the Republic of Serbia. Učesnik projekta.
- 2020 - A review of current status of analytical chemistry education. International Union of Pure and Applied Chemistry (IUPAC). Učesnik projekta.
- 2011-2019 Nove tehnologije za monitoring i zaštitu životnog okruženja od štetnih hemijskih supstanci i radijacionog opterećenja. Institut za nuklearne nauke Vinča - Univerzitet u Beogradu. Koordinator radnog paketa.
- 2006-2010 Nove metode i tehnike za separaciju i specijaciju hemijskih elemenata u tragovima, organskih supstanci i radionuklida i identifikaciju njihovih izvora. Institut za nuklearne nauke Vinča - Univerzitet u Beogradu. Koordinator radnog paketa.

Curriculum Vitae

- 2002-2005 Sinteza i karakterizacija polioksometalata i sličnih-srodnih jedinjenja metala za primenu u novim tehnologijama, biomedicini i zaštiti. Fakultet za fizičku hemiju - Univerzitet u Beogradu. Učesnik projekta.
- 1996-2000 Spektroskopija fizičko-hemijskih procesa i stanja, strukture i energetike sistema. Fakultet za fizičku hemiju - Univerzitet u Beogradu. Učesnik projekta.
- 1996-2000 Razrada savremenih analitičkih metoda, postupaka i senzora, njihovo izučavanje i primena. Hemijski fakultet - Univerzitet u Beogradu. Učesnik projekta.
- 1985-1990 Ispitivanje perodone oksidacije polihidroksilnih jedinjenja i njena primena u kvantitativnoj analizi. Farmaceutski fakultet - Univerzitet u Beogradu. Učesnik projekta.

ISTRAŽIVAČKA INTERESOVANJA

Naučnoistraživačka interesovanja, u tekućoj deceniji, orjentisana su ka razvoju analitičkih metoda uzoraka iz životne sredine i prirodnih proizvoda, primeni hemometrijskih metoda i u skladu sa principima zelene i održive hemije. Posebna pažnja je posvećena zelenijim pristupima u pripremi uzoraka, primeni nekonvencionalnih, zelenih rastvarača (prirodne eutektičke smeše, jonske tečnosti, superkritični fluidi, subkritična voda, i dr.), kao i zelenijih ekstrakcija. Istraživanja uključuju takođe i fizičko-hemijsku karakterizaciju dobijenih ekstrakata primenom pogodnih separacionih i spektroskopskih tehnika. Drugi fokus je na razvoju inovativnih i održivih metodologija u ekstrakciji i uklanjanju zagađivača iz složenijih uzoraka iz životne sredine.

Bibliography ~ 253 units (related to science), October 2025.

MONOGRAPHS, CHAPTERS AND TEXTBOOKS

1. **Ražić S.** Green Chemistry in Pharmacy and Green Analytical Chemistry (in Serbian), ISBN: 978-86-623-122-7, Faculty of Pharmacy, Belgrade, 2024.
2. **Ražić S.,** Arsenijević J., Trtić-Petrović T., Meng Y. & Anderson J.L. Chapter "Use of Unconventional Solvents for Sample Preparation in Environmental Analysis", in "Comprehensive Sampling and Sample Preparation", drugo izdanje, izdavač Elsevier, 2024.
3. **Ražić S.,** Cvetanović-Kljakić A. & Bodo E. (2024) Ionic Liquids and Deep Eutectic Solvents: Greener Approaches for Sustainable Chemistry. Ed. MDPI, Basel, Switzerland, ISBN 978-3-7258-0866-3 (Hbk), ISBN 978-3-7258-0865-6.
4. **Ražić S.** (2011). Chemometrics in the Analysis of Real Samples - From Theory to Application. Ed. Faculty of Pharmacy - University of Belgrade, ISBN 978-86-80263-81-6.
5. **Ražić S.** (2002). How to improve trace elements determination by ethanol addition (in Serbian), Special edition, Ed. Zadužbina Andrejević. ISBN 86-7244-320-8.

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

Curriculum Vitae

1. Đogo Mračević S., Stanković M., Đurđević M., Vizi A. & **Ražić S.** Children's playgrounds and urban pollution: Ecological and health risks from Cr, Ni, Pb, As, Cd, Cu, and Zn. *Environ Geochem Health*, 2025, 47, 401. <https://doi.org/10.1007/s10653-025-02694-4>
2. Đogo Mračević S., Mutić J., Stanković V. & **Ražić S.** Voltametric Analysis of Ergosterol Isolated from Wild-Growing and Cultivated Edible Mushrooms from Serbia and Korea. *Molecules*, 2025, 30(9), 2010. <https://doi.org/10.3390/molecules30092010>
3. Đurđević M., Stanković M., **Ražić, S.** & Đogo Mračević, S. Sustainable Fluoride Determination in Selected Infant Juices Available on the Serbian Market: Health Risk Assessment. *Biol. Trace Elem. Res.* 2025 <https://doi.org/10.1007/s12011-025-04617-x>
4. Vesković J., Deršek-Timotić I., Lučić M., Miletić A., Đolić M., **Ražić S.** & Onjia A. Entropy-weighted water quality index, hydrogeochemistry, and Monte Carlo simulation of source-specific health risks of groundwater in the Morava River plain (Serbia). *Marine Pollution Bulletin*, 2024, 116277. <https://doi.org/10.1016/j.marpolbul.2024.116277>
5. Vesković J., Bulatović S., **Ražić S.**, Lučić M., Miletić A., Nastasović A. & Onjia A. Arsenic-contaminated groundwater of the Western Banat (Pannonian basin): Hydrogeochemical appraisal, pollution source apportionment, and Monte Carlo simulation of source-specific health risks. *Water Environment Research*, 2024, 96, e11087. <https://doi.org/10.1002/wer.11087>
6. **Ražić S.**, Gadžurić S. & Trtić-Petrović T. (2023). Ionic liquids in green analytical chemistry – are they that good and green enough? *Analytical and Bioanalytical Chemistry*. Special Edition: Advances in (Bio-)Analytical Chemistry: Reviews and Trends Collection 2024. <https://doi.org/10.1007/s00216-023-05045-3>
7. **Ražić S.**, Arsenijević J., Đogo Mračević S., Mušović J. & Trtić-Petrović T. (2023). Greener chemistry in analytical sciences: from green solvents to applications in complex matrices. Current challenges and future perspectives: a critical review. *Analyst*, 148, 3130. <https://doi.org/10.1039/d3an00498h>
8. **Ražić S.**, Bakić T., Topić A. Lukić J. & Onjia A. (2023). Deep Eutectic Solvent-Based Reversed-Phase Dispersive Liquid-Liquid Microextraction and High-Performance Liquid Chromatography for the Determination of Free Tryptophan in Cold-Pressed Oils. *Molecules*, 28, 2395. <https://doi.org/10.3390/molecules28052395>
9. Petronijević M., **Ražić S.**, Tubić A., Molnar Jazić J., Watson M., Dalmacija B. & Agbaba J. (2023). Influence of H₂O₂/UV process on C- and N-disinfection by-products formation in different water matrices. *International Journal of Environmental Science and Technology*, 20, 13179-13190. <https://doi.org/10.1007/s13762-023-04862-4>
10. Mušović J., Vraneš M., Papović S., Gadžurić S., Ražić S. & Trtić-Petrović T. (2023). Greener sample preparation method for direct determination of Cd(II) and Pb(II) in river sediment based on an aqueous biphasic system with functionalized ionic liquids. *Journal of Molecular Liquids*, 369, 120974. <https://doi.org/10.1016/j.molliq.2022.120974>

11. Zengin G., Mollica A., Arsenijević J., Pavlič B., Zeković Z., Ibrahim Sinan K., Yan L., Cvetanović Kljakić A. & **Ražić S.** (2022). Comparative Study of Chamomile Extracts and Essential Oils Obtained by Conventional and Greener Extraction Techniques: Chemometric Approach to Chemical Composition and Biological Activity. *Separations*, 10, 18. <https://doi.org/10.3390/separations10010018>
12. **Ražić S.**, Segundo M., Turner D., Miró M. & Baeumne A.J. (2022) European analytical column number 50. Editorial in *Analytical and Bioanalytical Chemistry*, 414, 8167-8169. <https://doi.org/10.1007/s00216-022-04373-0>
13. Semenova I., Bryskina D., Cvetanović Kljakić A., **Ražić S.**, Ananiev V., Rodin I., Shpigun O. & Stavrianidi A. (2022). An application of standardized reference extract quantification strategy in quality control of ginseng infusions by liquid chromatography with mass spectrometric detection. *Phytochemical Analysis*, 33 (6), 838-850. <https://doi.org/10.1002/pca.3133>
14. Đogo Mračević S., **Ražić S.**, Trišić J., Mitrović N. & Đukić Ćosić D. (2022). Toxic elements in children's crayons and colored pencils: bioaccessibility assessment. *Journal of Serbian Chemical Society*, 87 (6), 723–734. <https://doi.org/10.2298/jsc20091078d>
15. **Ražić S.**, Segundo M.A. & Vogel M. (2021). European Analytical Column No. 49. Editorial in *Analytical and Bioanalytical Chemistry*, 413, 7319-7321. <https://doi.org/10.1007/s00216-021-03760-3>
16. Đurđić S., Stanković V., Ražić S. & Mutić J. (2021). Is a Lead Isotope Ratios in Wine Good Marker for Origin Assessment? *Frontiers in Chemistry*, 9:746695. <https://doi.org/10.3389/fchem.2021.746695>
17. Katsoyiannis I., Lammel G., Samara C., Ernst M., Wenk J., Torretta J., Voutsas D., Vollertsen J., Bucheli T.D., Godbersen L., Lambropoulou D., Heath E., Kallenborn R., Giannakoudakis D., Deliyanni E., Bandosz T., **Ražić S.**, Samanidou V., Papa E., Lacorte S. & Katsoyiannis A. (2021). Innovative aspects of environmental chemistry and technology regarding air, water, and soil pollution. *Editorial in Environmental Science and Pollution Research*. <http://dx.doi.org/10.1007/s11356-021-15370-8>
18. Jevrosimov I., Kragulj Isakovski M., Apostolović T., Maletić S., **Ražić S.**, Mihajlović M. & Tričković J. (2021). Mechanisms of alachlor and pentachlorobenzene adsorption on biochar and hydrochar originating from *Miscanthus giganteus* and sugar beet shreds. *Chemical Papers*, 75, 2105-2120. DOI: 10.1007/s11696-020-01439-0
19. Culicov O.A., Trtić-Petrović T., Balvanović R., Petković A. & **Ražić S.** (2021). Spatial Distribution of multielements including lanthanides in sediments of Iron Gate I Reservoir on the Danube River. *Environmental Science and Pollution Research*, 28, 44877-44889. <https://doi.org/10.1007/s11356-021-13752-6>
20. **Ražić S.** & Segundo M.A. (2020). European Analytical Column No. 48. Editorial in *Analytical and Bioanalytical Chemistry*, 412, 8225-8227. <https://doi.org/10.1007/s00216-020-03007-7>

21. Radosavljević Stevanović N., Jovanović M., Marini F. & **Ražić S.** (2021). Chemometric approach to a rapid Total Reflection Fourier Transform Infra Red analysis of complex heroin-based mixtures. *Applied Spectroscopy*, 75(5), 545-555.
<https://doi.org/10.1177/00037028209697>
22. Đurđić S., Vukojević V., **Ražić S.** & Mutić J. (2020). Lead isotope ratios as tool for elucidation of chemical environment in a system of *Macrolepiota procera* (Scop.) Singer - soil. *Environmental Science and Pollution Research*, 28, 59003-59014.
<https://doi.org/10.1007/s11356-020-07947-6>
23. Đogo Mračević S., Krstić M., Lolić A. & **Ražić S.** (2020). Comparative study of the chemical composition and biological potential of honey from different regions of Serbia. *Microchemical Journal*, 152, 104420. <https://doi.org/10.1016/j.microc.2019.104420>
24. **Ražić S.**, Segundo M.A. & Gauglitz G. (2019). European Analytical Column No. 47. Editorial in *Analytical and Bioanalytical Chemistry*, 411, 3695-3698.
<https://doi.org/10.1007/s00216-019-01881-4>
25. Arsenijević J., Drobac M., Šoštarić I., Jevđović R., Živković J., **Ražić S.**, Moravčević Đ. & Maksimović Z. (2019). Chemical profiles of essential oils and hydromethanol extracts of cultivated and wild growing *Thymus pannonicus* All. *Industrial Crops and Products*, 130, 162–169. <https://doi.org/10.1016/j.indcrop.2018.12.055>
26. Filipović N., Stevanović M., Veselinović Lj., **Ražić S.**, Jeremić S., Filipič M., Žegura B., Tomić S. & Čolić M. (2019). Poly (ϵ -caprolactone) microspheres for prolonged release of selenium nanoparticles intended for treatment of implant complications. *Materials Science & Engineering C*, 96, 776-789. <https://doi.org/10.1016/j.msec.2018.11.073>
27. Petronijević M., Agbaba J., **Ražić S.**, Molnar Jazić J., Tubić A., Watson M. & Dalmacija B. (2019). Fate of bromine-containing disinfection by-products precursors during ozone and ultraviolet-based advanced oxidation processes. *International Journal of Environmental Science and Technology*, 16(1), 171-180. <https://doi.org/10.1007/s13762-018-1652-8>
28. Buchberger W., Özkan S.A. & **Ražić S.** (2018). European analytical column number 46. Editorial in *Analytical and Bioanalytical Chemistry*, 410 (20), 4765–4766.
<https://doi.org/10.1007/s00216-018-1135-2>
29. Krstic M., Maksimovic Z., Ibrić S., Bakic T., Prodanovic J. & **Ražić S.** (2018). Lignocellulosic biomass as a Source of Microcrystalline Cellulose – Chemical and Technological Characterization and Future Perspectives. *Cellulose Chemistry and Technology*, 52(7-8), 577-588.
30. Krstić M. & **Ražić S.** (2018). Analytical approaches to the characterization of solid drugs delivery systems with porous adsorbent carriers. *Current Medicinal Chemistry*, 25(33), 3956 - 3972. DOI: 10.2174/0929867325666180212120908

31. Cvetanović A., Svarc-Gajić J., Zeković Z., **Razić S.**, Damjanović A., Zengin G., Delerue-Matos C. & Moraira M. (2018). A new source for developing multi-functional products: Biological and chemical perspectives on subcritical water extracts of *Sambucus ebulus* L. *Journal of Chemical Technology and Biotechnology*, 93, 1097–1104. <https://doi.org/10.1002/jctb.5468>
32. Cvetanović A., Zengin G., Zeković Z., Svarc-Gajić J., **Razić S.**, Damjanović A., Mašković P. & Mitić M. (2018). Comparative in vitro studies of the biological potential and chemical composition of stems, leaves and berries *Aronia melanocarpa*'s extracts obtained by subcritical water extraction. *Food and Chemical Toxicology*, 121, 458-466. <https://doi.org/10.1016/j.fct.2018.09.045>
33. Buchberger W. & **Razić S.** (2017). European analytical column number 45. Editorial in *Analytical and Bioanalytical Chemistry*, 409, 4117–4118. <https://doi.org/10.1007/s00216-017-0359-x>
34. Nacka-Aleksić M., Stojanović M., Simić L., Bufan B., Kotur J., Stojić-Vukanić Z., Dimitrijević M., **Razić S.** & Leposavić G. (2017). Sex as a determinant of age-related changes in rat spinal cortinflammation-oxidation state. *Biogerontology*, 18(5), 821–839. <https://doi.org/10.1007/s10522-017-9726-4>
35. Kočevlar-Glavač N., Djogo S., **Razić S.**, Kreft S. & Veber M (2017). Accumulation of heavy metals from soil in medicinal plants. *Archives of Industrial Hygiene and Toxicology*, 68(3), 236-244. <https://doi.org/10.1515/aiht-2017-68-2990>
36. Arsenijević J., Drobac M., Šoštarić I., **Razić S.**, Milenković M., Couladise M. & Maksimović Z. (2016). Bioactivity of herbal tea of Hungarian thyme based on the composition of volatiles and polyphenolics. *Industrial Crops and Products*, (2016) 89, 14–20. <https://doi.org/10.1016/j.fct.2018.09.045>
37. Agatonovic-Kustrin S., Hettiarachchi C.G., Morton D.W. & **Razić S.** (2015). Analysis of phenolics in wine by high performance thin-layer chromatography with gradient elution and high resolution plate imaging. *Journal of Pharmaceutical and Biomedical Analysis*, 102, 93-99. <https://doi.org/10.1016/j.jpba.2014.08.031>
38. Krstić M., **Razić S.**, Vasiljević D., Spasojević Đ. & Ibrić S. (2015). Application of experimental design in examination of the dissolution rate carbamazepine from formulations. Characterization of the optimal formulation by DSC, TGA, FT-IR and PXRD analysis. *Journal of Serbian Chemical Society*, 80(2), 202-222. <https://doi.org/10.2298/JSC030814114K>
39. Krstić M., **Razić S.**, Djekić LJ., Dobričić V., Momčilović M., Vasiljević D. & Ibrić S. (2015). Application of a mixture experimental design in the Optimization of the Formulation of Solid Self-Emulsifying Drug Delivery Systems Containing Carbamazepine. *Latin American Journal of Pharmacy*, 34(5), 885-894.
40. Radosavljevic-Stevanovic N., Markovic J., Agatonovic-Kustrin S. & **Razić S.** (2014). Metals and organic compounds in the biosynthesis of cannabinoids. A chemometrics approach

- to the analysis of *Cannabis sativa* samples. *Natural Product Research*, 28(8), 511–516. <https://doi.org/10.1080/14786419.2014.880912>
41. Loescher Ch.M., Morton D. W., **Razic S.** & Agatonovic-Kustrin S. (2014). High Performance Thin Layer Chromatography (HPTLC) and High Performance Liquid Chromatography (HPLC) for the Qualitative and Quantitative Analysis of *Calendula Officinalis*—Advantages and Limitations. *Journal of Pharmaceutical and Biomedical Analysis*, 98, 52–59. <https://doi.org/10.1016/j.jpba.2014.04.023>
 42. Agatonovic-Kustrin S., Morton D. W. & **Razic S.** (2014). In Silico Modelling of Pesticide Aquatic Toxicity. *Combinatorial chemistry and highthroughput screening*, 17(9), 808-818. DOI: 10.2174/1386207317666141021110738
 43. Agatonovic-Kustrin S., Morton D. W., Truong L. & **Razic S.** (2014). Molecular structural characteristics important in drug-HSA binding. *Combinatorial chemistry and highthroughput screening*, 17(10), 879-890. DOI: 10.2174/1386207317666141114222955
 44. **Razic S.** & Kuntic V. (2013). Diverse Elements in Herbal Tea Products Consumed in Serbia Using Inductively Coupled Plasma Mass Spectrometry. *International Journal of Food Properties*, 16, 1-8. <https://doi.org/10.1080/10942912.2010.526273>
 45. Arsenijević J., Marković J., Šoštarić I. & **Ražić S.** (2013). A chemometrics as a powerful tool in the elucidation of the role of metals in the biosynthesis of volatile organic compounds in Hungarian thyme samples. *Plant Physiology and Biochemistry*, 71, 298-306. <https://doi.org/10.1016/j.plaphy.2013.08.002>
 46. Milivojevic M., Boskovic V., Atanackovic J., Milicevic S., **Razic S.** & Kastratovic-Kotlica B. (2013). Evaluation of osteopontin and CA125 in detection of epithelial ovarian carcinoma. *European Journal of Gynaecology and Oncology*, 34(1), 83-85.
 47. Živković J., **Ražić S.**, Arsenijević J. & Maksimović Z. (2012). Heavy metal contents in *Veronica* species and soil from mountain areas in Serbia. *Journal of Serbian Chemical Society*, 77(7) 959–970. <https://doi.org/10.2298/JSC111225221Z>
 48. **Ražić S.** (2012). Euroanalysis XVI - Challenges in modern analytical chemistry (Editorial Material). *Analytical and Bioanalytical Chemistry*, 403(4), 899-901. <https://doi.org/10.1007/s00216-012-5884-z>
 49. Arsenijević J., **Ražić S.**, Maksimović Z. & Đogo S. (2011). Trace elements in aerial parts and rhizosphere of *Thymus pannonicus* All. *Central European Journal of Biology*, 6(4), 616–623. <https://doi.org/10.2478/s11535-011-0013-0>
 50. Đogo S., **Ražić S.**, Manojlović D. & Slavković L. (2011). Analysis of Bioavailability of Cr(III) and Cr(VI) Based on Determination of Chromium in *Mentha piperita* by Graphite Furnace Atomic Absorption Spectrometry. *Journal of Serbian Chemical Society*, 76(1) 143–153. <https://doi.org/10.2298/JSC100401130D>
 51. **Ražić S.** & Đogo S. (2010). Determination of chromium in *Mentha piperita* L. and soil by graphite furnace atomic absorption spectrometry after sequential extraction and

- microwave-assisted acid digestion to assess potential bioavailability. *Chemosphere*, 78(4), 451 - 456. <https://doi.org/10.1016/j.chemosphere.2009.10.028>
52. **Ražić S.** & Onjia A. (2010). Trace Element Analysis and Pattern Recognition Techniques in Classification of Wine from Central Balkan Countries. *Am.J.Enol.Vitic.*, 61(4), 506-511. DOI: 10.5344/ajev.2010.10002
53. **Ražić S.**, Djogo S. & Slavković L. (2008). Investigation on Bioavailability of Some Essential and Toxic Elements in Medicinal Herbs. *Journal of Natural Medicine*, 62 (3), 340-344. <https://doi.org/10.1007/s11418-008-0240-5>
54. Milosavljević M., Marinković A., Ceković B. & **Ražić S.** (2007). Kinetic study of the reaction between sodiumchloroacetate and potassiummethylxanthogenate. *Journal of Serbian Chemical Society*, 72(2), 89 -100. <https://doi.org/10.2298/JSC0702089M>
55. **Ražić S.**, Čokeša Đ. & Sremac S. (2007). Multivariate data visualization methods based on elemental analysis of wines by atomic absorption spectrometry. *Journal of Serbian Chemical Society*, 72(12), 1487 – 1492. <https://doi.org/10.2298/JSC0712487R>
56. **Ražić S.**, Đogo S. & Slavković L. (2006). Inorganic analysis of herbal drugs. Part II. Plant and soil analysis – diverse bioavailability and uptake of essential and toxic elements. *Journal of Serbian Chemical Society*, 71(10), 1095-1105. <https://doi.org/10.2298/JSC0610095R>
57. **Ražić S.**, Đogo S. & Slavković L. (2006). Multivariate characterization of herbal drugs and rhizosphere soil samples according to their metallic content. *Microchemical Journal*, 84(1-2), 93-101. <https://doi.org/10.1016/j.microc.2006.05.008>
58. Милосављевић М, Маринковић А., Цековић Б. & **Ражић С.** (2006). Синтез *N*-алкил-*O*-изопропилтионкарбамата и *N,N*-диалкил-*O*-изопропилтионкарбамата и следованим кинетики интегралним варијантом методом тангенса. *Вопросы химии и химической технологии*, 6, 69-74.
59. Milosavljević M. & **Ražić S.** (2005). Synthesis of *N*-alkyl-*O*-ethylthiocarbamate and *N,N*-dialkyl-*O*-ethylthionocarbamate and kinetics investigation by the integral mode of the tangential method. *Вопросы химии и химической технологии*, 3, 50-54.
60. **Ražić S.**, Onjia A., Đogo S., Slavković L. & Popović A. (2005). Determination of metal content in some herbal drugs - Empirical and chemometric approach. *Talanta*, 67, 233-239. <https://doi.org/10.1016/j.talanta.2005.03.023>
61. **Ražić S.**, Đogo S., Slavković L. & Popović A. (2005). Inorganic analysis of herbal drugs. Part I. Metal determination in herbal drugs originating from medicinal plants of the family *Lamiaceae*. *Journal of Serbian Chemical Society*, 70(11), 1347-1355. <https://doi.org/10.2298/JSC0511347R>
62. **Ražić S.**, Holclajtner-Antunović I. & Todorović M.(2004). The Influence of Ethanol Addition on Spatial Emission Distribution of Traces in Vertical Argon Stabilized DC Arc

- Plasma. *Journal of Serbian Chemical Society*, 69(5), 377-385.
<https://doi.org/10.2298/JSC0405377R>
63. **Ražić S**, Onjia A. & Potkonjak B. (2003). Trace elements analysis of *Echinacea purpurea* – herbal medicinal. *Journal of Pharmaceutical and Biomedical Analysis*, 33, 845 – 850.
[https://doi.org/10.1016/S0731-7085\(03\)00338-8](https://doi.org/10.1016/S0731-7085(03)00338-8)
64. Vujanović D., Plamenac Z., **Ražić S.** & Simonović P. (2001). Toxic metals speciation in river Tisa. *Journal of Environmental Protection and Ecology*, 2 (4), 849 – 854.
65. Tripković M., Todorović M., Holclajtner-Antunović I., **Ražić S.**, Kandić A. & Marković D. (2000). Spectrochemical determination of lead in wines. *Journal of Serbian Chemical Society*, 65(5-6), 323–329. <https://doi.org/10.2298/JSC0006323T>
66. **Ražić S.**, Todorović M., Holclajtner-Antunović I. & Stoiljković M. (1999). Determination of metal traces in wine by argon stabilized d.c. arc. *Fresenius Journal of Analytical Chemistry*, 365, 367-370. <https://doi.org/10.1007/s002160051502>
67. Holclajtner-Antunović I., **Ražić S.**, Todorović M. & Stoiljković M. (1999). The influence of ethanol addition on excitation of aluminum in the argon stabilized d.c. arc. *ACH Models in Chemistry*, 136(1), 83-93.
68. Novaković J., Tvrzicka E. & **Ražić S.** (1998). Determination of free bile acids in pharmaceuticals by thin layer chromatography and high performance liquid chromatography. *Boll. Chimico Farmaceutico*, 137(10), 412-416.
69. **Ražić S.**, Todorović M., Holclajtner-Antunović I. & Ilić Z. (1996). The influence of ethanol addition on the determination of trace elements in aqueous solutions by ICAP. *Fresenius Journal of Analytical Chemistry*, 355, 274-276. <https://doi.org/10.1007/s0021663550274>
70. **Ražić S.** & Dušić Ž. (1995). Analysis of periodate oxidation of 2-deoxy-D-ribose. *Journal of Serbian Chemical Society*, 60(8), 675-680.
71. **Ražić S.** & Dušić Ž. (1994). Determination of acid formed in periodate oxidation of 2-deoxy-D-ribose. *Journal of Serbian Chemical Society*, 59(9), 699-704.
72. Dušić Ž. & **Ražić S.** (1989). Spektrophotometrische Methode zur Bestimmung der Ameisensäure bei der Periodatoxidation von Ribose. *Pharmazie*, 44 (12), 866.

Additional publications - journals and newsletters (DAC-EuChemS / EuChemS)

1. **Ražić S**, Segundo S, Turner D, Miró M, Baeumner A. (2022). European Analytical Column number 50, Editorial in *Analytical and Bioanalytical Chemistry*, 414, 8167-8169.
<https://doi.org/10.1007/s00216-022-04373-0>
2. **Ražić S**, Segundo S, Turner D, Miró M, Baeumner A. (2022). EuCheMS News: European Analytical Column No. 50. *Journal of Serbian Chemical Society*, 87 (11), 1341–1345.

3. **Ražić S.**, Segundo M.A. & Vogel M. (2021). European Analytical Column number 49, Editorial in *Analytical and Bioanalytical Chemistry*, 413, 7319–7321.
<https://doi.org/10.1007/s00216-021-03760-3>
4. **Ražić S.**, Segundo M.A. & Vogrl M. (2021). EuCheMS News: European Analytical Column No. 49. *Journal of Serbian Chemical Society*, 86 (11), 1127-1130.
5. **Ražić S.** & Szalay P.G. (2021). Editorial: Challenges Toward Sustainable Future. *Chemistry in Europe*. <https://www.euchems.eu/newsletters/chemistry-in-europe-2021-3/>
6. **Ražić S.**, Psilakis E. & Samanidou V. (2021). Between High Analytical Demands and Green(er) Sample Preparation for a Sustainable Future. *Chemistry in Europe*, 4-5.
<https://www.euchems.eu/newsletters/wp-content/uploads/2016/03/PDF-CiE-2021-2.pdf>
7. **Ražić S.** & Segundo M. (2020). European Analytical Column number 48, Editorial in *Analytical and Bioanalytical Chemistry*, 412, 8225–8227.
<https://doi.org/10.1007/s00216-020-03007-7>
8. **Ražić S.** & Segundo M. (2020). EuCheMS News: European Analytical Column No. 48. *Journal of Serbian Chemical Society*, 85 (11), 1501–1505.
9. **Ražić S.** (2020). DAC-EuChemS – with respect to its history. *Chemistry in Europe*, p.13.
<https://www.euchems.eu/wp-content/uploads/downloads/Chemistry%20in%20Europe%202020-4%20special%20edition.pdf>
10. **Ražić S.**, Segundo M. & Gauglitz G. (2019). European Analytical Column number 47, Editorial in *Analytical and Bioanalytical Chemistry*, 411, 3695–3698.
<https://doi.org/10.1007/s00216-019-01881-4>
11. **Ražić S.**, Segundo M. & Gauglitz G. (2019). EuCheMS News: European Analytical Column No. 47. *Journal of Serbian Chemical Society*, 84, (6) 1–6.
12. Buchberger W., Özkan S.A. & **Razic S.** (2018). European Analytical Column number 46, Editorial in *Analytical and Bioanalytical Chemistry*, 410, 4765–4766.
<https://doi.org/10.1007/s00216-018-1135-2>
13. Buchberger W., Özkan S.A. & **Razic S.** (2018). EuCheMS News: European analytical column number 46. *Journal of Serbian Chemical Society*, 83, (5) 669–671.
14. Buchberger B., Özkan S.A. & Razic S. (2018). European analytical column number 46. *Revista de Chimie*, 63(10), 971-972.
15. Buchberger W. & **Ražić S.** (2017). European Analytical Column number 45. Editorial in *Analytical and Bioanalytical Chemistry*, 409, 4117–4118.
<https://doi.org/10.1007/s00216-017-0359-x>

Curriculum Vitae

16. Meeting Report: Buchberger W. & **Razic S.** (2017). European analytical column number 45. *Trends in Analytical Chemistry*, 93, 228-229.
17. International Bodies: Buchberger W. & **Razic S.** (2017). European analytical column number 45. *Accreditation and Quality Assurance*, 22(3), 167–168.
18. Buchberger W. & **Ražić S.** (2017). EuCheMS News: European analytical column number 45. *Journal of Serbian Chemical Society*, 82 (4), 465–468.
19. Buchberger W. & **Ražić S.** (2017). European analytical column number 45. *Revue Roumaine de Chimie*, 62(6-7), 463-464. Issue #2019-4
20. **Ražić S.** & Sibel A. Ozkan S.A. (2019). Analytical science on the Bosphorus, where Europe meets Asia., *Chemistry in Europe*, p.3. https://www.euchems.eu/wp-content/uploads/2021/06/PDF-version_CiE2019-4.pdf

Editorial activities

1. **Ražić S.** International Advisory Board of the Analytical and Bioanalytical Chemistry (Springer).
2. **Ražić S.** Editorial Advisory Board, *Advance in Sample Preparation* (Elsevier).
3. **Ražić S.** Editorial Board of the Journal of the Serbian Chemical Society. Editor for Analytical Chemistry
4. **Ražić S.** (2023). Guest Editor – *Molecules*. Special Issue: Ionic Liquids and Deep Eutectic Solvents: Greener Approaches for Sustainable Chemistry. https://www.mdpi.com/journal/molecules/special_issues/Liquids_Solvents
5. **Ražić S.** (2021). Guest Editor - *Environmental Science and Pollution Research*. Special Issue on ICCE 2019.
6. **Ražić S.** (2012). Guest Editor - Analytical and Bioanalytical Chemistry. Special Issue on Euroanalysis 16, *Analytical and Bioanalytical Chemistry*, 403(4).
7. **Ražić S.** (2011). Abstracts, Euroanalysis 2011, September 11-15, 2011, Belgrade, Serbia. ISBN 978-86-7132-047-4.

Papers published in domestic journals

1. Bušatlić A., Đogo Mračević S., Krstić M., Basić Z. & **Ražić S.** (2015). Analiza šećera u voćnim sokovima primenom visokoeфикаsne tečne hromatografije. *Hrana i ishrana*, 56(1), 16-19.
2. Basić Z. & **Ražić S.** (2010). Analiza sadržaja tokoferola u jestivom ulju pre i posle termičkog tretmana. *Hrana i ishrana*, 51(3-4), 47-50.

Curriculum Vitae

3. Basić Z, Bumbić J. & **Ražić S.** (2010). Analiza vitamina C, nitrata i nitrita u soku od paradajza primenom visokoeфикаsne tečne hromatografije. *Hrana i ishrana*,51(1-2), 24-28.
4. **Ražić S.** & Kuntić V. (2010). Određivanje sadržaja metala u mešavinama biljnih čajeva sa tržišta u Beogradu primenom induktivno spregnute plazme sa masenom spektrometrijom. *Arhiv za farmaciju*, 60(4), 391-398.
5. Milosavljević M., Đorđević S. & **Ražić S.** (2007). Kinetic study of the reaction between sodium ethyl xantogenate and alkylamine. *Chemical Industry & Chemical Engineering Quarterly*, 13(4) 175–178.
6. Đogo S. & **Ražić S.** (2006). Elementi na putu od zemljišta do biljaka. *Hemijski pregled*, 47(3) 57-61.
7. Holclajtner-Antunović I., Todorović M., Milićević V.,**Ražić S.** & Rašković M. (2005). Investigation of Matrix Effect in Spectrochemical Determination of Trace Elements in Biscuits. *Arhiv za farmaciju*,55(3), 255-265.
8. **Ražić S.** (2004).Eurocurriculum I Eurocurriculum II ili nešto treće. *Hemijski pregled*, 45(5), 104-110.
9. Đorđević S.,Runjajić-Antić D. & **Ražić S.** (2002). Određivanje sadržaja aktivnih materija u komercijalnim uzorcima kantariona i gloga. *Lekovite sirovine*, XXII(22), 65-69.
10. **Ražić S.**, Basić Z., Todorović M. & Holclajtner-Antunović I. (2001).Trace elements and vitamins in baby biscuits. *Arhiv za farmaciju*, 6,505-514.
11. Dušić Ž.& **Ražić S.** (1992). Analiza perjordne oksidacije metil- β -D-glukopiranozida.*Arhiv za farmaciju*, 42(2-3), 67-70.
12. Dušić Ž. & **Ražić S.** (1992). Kritički osvrt na određivanje mravlje kiseline u perjordnoj oksidaciji pentozna i vicinalnih poliola metodom neutralizacije.*Arhiv za farmaciju*, 42(1), 5-8.
13. Dušić Ž., **Ražić**, Antić J. & Urošević M. (1991).Određivanje gvožđa u "Fedex-u". *Arhiv za farmaciju*,41(5), 165-167.
14. **Ražić S.** & Dušić Ž. (1990). Indirektna spektrofotometrijska metoda za određivanje mravlje kiseline u rastvoru koji se dobija posle perjordne oksidacije arabitola i ksilitola.*Glasnik hemičarite i tehnoložite na Makedonia*, 8, 145-150.
15. **Ražić S.** & Dušić Ž. (1989).Spektrofotometrijsko određivanje nekih organskih kiselina. *Arhiv za farmaciju*, 39(3), 71-76.

International conferences and presentations (Proceedings and Abstracts)

1. Terzić M., Lončar B., Petronijević M., Cvetanović Kljakić A., Arsenijević J. & **Ražić S.** (2025, March). New insight into the valorization of lemon peelemploying modern

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- extraction techniques. *7th World Congress on Food Science & Regulatory Measures*; London, UK, Book of Abstracts, p. 17.
2. Petronijević M., Panić S., Cvetanović Kljakić A., Lončar B., Tanasić J., Arsenijević J. & **Ražić S.** (2025, April). Covalent immobilisation of horseradish peroxidase on bio-linked magnetite nanoparticles. *IX International Congress Engineering, Environment and Materials in Process Industry - EEM2025*; Bijeljina, Republic of Srpska Bosnia and Herzegovina, Book of Abstracts p. 34.
 3. Petronijević M., Panić S., Lončar B., Cvetanović Kljakić A., Tomić M., Arsenijević J. & **Ražić S.** (2025, May). Utilization of agricultural and food waste to obtain biofunctionalized magnetite particles. *International Sustainable Resource Recovery Strategies Toward Zero Waste (FULLRECO4US)*; Muttenz (Switzerland), Book of Abstracts p. 99.
 4. Grba N., Petronijević M., Panić S., Tanasić J. & **Ražić S.** (2025, June). Removal of manganese ions from water using magnetite nanoparticles. *TwinSubDyn Summer School on Sustainable organic amendment applications from a soil and ground water management perspective*; Proceedings, p. 56.
 5. Stanković M., Đurđević M., Radojičić Đ., **Ražić S.** & Đogo Mračević S. (2024, September). Evaluation of trace and macro elements in honey from different regions of Serbia. *56th Days of preventive medicine*; Niš, Serbia, Book of Abstracts, p. 20.
 6. Đurđević M., Stanković M., **Ražić S.** & Đogo Mračević S. (2014, June). Determination of fluoride in infant juices using fluoride ion-selective electrode. *The 3rd International UNIFood Conference – UNIFood2024*; Belgrade, Serbia, Book of Abstracts, p. 136.
 7. Lončar B., Cvetanović A., Arsenijević J., Petronijević M., Tanasić J., Đogo Mračević S. & Ražić S. (2024, June). Valorisation of apple peel through modern extraction techniques, *The 3rd International UNIFood Conference – UNIFood2024*; Belgrade, Serbia, Book of Abstracts, pp.106.
 8. **Ražić S.**, Bakić T, Topić A, Lukić J & Onjia A. (2023, August). Greener Approach to Determination of Free Tryptophan in Cold-pressed Oils by Reversed-Phase Dispersive Liquid-Liquid Microextraction and High-Performance Liquid Chromatography. Book of Abstracts of the Euroanalysis XXI; 2023 Aug 27-31; Geneva, Switzerland. p. 72. **Keynote lecture.**
 9. Mušović J, Stanković D, Vraneš M, **Ražić S** & Trtić-Petrović T. (2023, August). Separation of e-waste metals using green aqueous two-phase systems based on functionalized ionic liquids and deep eutectic solvents. Book of Abstracts of the Euroanalysis XXI; 2023 Aug 27-31; Geneva, Switzerland. p. 112.
 10. Mutić T, Ognjanović M, Stanković D & **Ražić S.** (2023, August). Fabrication of cobalt oxide-supported carbon paste electrode for sensitive and selective Levofloxacin sensing. Book of Abstracts of the Euroanalysis XXI; 2023 Aug 27-31; Geneva, Switzerland. p. 302.
 11. **Ražić S.** (2023, July). Between green and white analytical chemistry - Greener solvents, from solutions to applications in complex matrices. Book of Abstracts of the 38th

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- International Conference on Solution Chemistry; 2023 July 9-14; Belgrade, Serbia. p. 7. **Plenary lecture.**
12. **Ražić S**, Mušović J, Vraneš M, Papović S, Gadžurić S & Trtić-Petrović T. (2023, June). Greener Sample Preparation Method for Direct Determination of Toxic Metals in River Sediments Using Functionalized Ionic Liquids. Book of Abstracts of the 18th International Conference on Environmental Chemistry; 2023 June 11-15; Venice, Italy. p. 187. **Invited lecture.**
 13. Vesković J, Lučić M, **Ražić S**, Deršek-Timotić I, Miletić A, Đolić M & Onjia A. (2023, December). Multivariate analysis of the Morava river plain groundwater. Proceedings of the International Scientific and Professional Conference POLITEHNIKA; 2022, December 15, Belgrade, Serbia. p. 89-94.
 14. Arsenijević J, Drobac M, Slavkowska V, Dabetić N, Marcic C, Kovačević N & **Ražić S**. (2022, October). Comparison of efficiency of eutectic mixture and conventional solvents for the extraction of hydroxycinnamic acid derivatives from the herb of *Satureja kitaibelii* Wierzb. ex Heuff. (Lamiaceae). VIII Kongres farmaceuta Srbije sa međunarodnim učešćem, 2022 October 12-15, Beograd. Arh Farm. 2022; 72(Suppl. 4),S481-S482. MPP-PP15.
 15. **Ražić S**, Cvetanović A. & Arsenijević J. (2021, June-July). From plants samples to analysis of biologically active compounds – toward green(er) analytical chemistry. 23rd International Symposium on Advances in Extraction Technologies – online conference. OEu1.
 16. **Ražić S**. & Segundo M.A. (2020, June). European Chemical Society - Division of Analytical Chemistry: Activities of Professional Network. The PortASAP meeting. Web conference. WG6.O1.
 17. Dimitrijević A., Jocić A., Marić S., Zdolšek N., Trtić-Petrović T., Gadžurić S., Vraneš M., **Ražić S**, Arsenijević J., Tavares A. P. & Freire M. (2019, September). Manipulation of the parthenolide partition using micelle structures of block copolymer in ionic liquid based aqueous biphasic system. *Euroanalysis XX*. Istanbul, Turkey. Proceedings.
 18. **Ražić S**, Trtić-Petrović T. & Ana Culicov O. (2019, September). Spatial Distribution of Technology Critical Elements (TCE) in Sediments of the Danube River and its Tributaries in Republic of Serbia. *Euroanalysis XX*. Istanbul, Turkey. Proceedings. **Invited lecture.**
 19. **Ražić S**, Đurđić S., Vukojević V. & Mutić J, (2019, June). Lead isotope ratios as tool for elucidation of chemical environment in a real system of mushrooms-soil. 17th International Conference on Chemistry and the Environment (ICCE). Thessaloniki, Greece. Conference Proceedings,168-169. **Invited lecture.**
 20. Bakić T., Krstic M., Maksimovic Z. & **Razic S**. (2018, June). Biomass as a source of microcrystalline cellulose – chemical and technological characterization, 12th *International Symposium of Pharmaceutical Sciences (ISOPS)*, Ankara, Turkey. Book of Abstracts, OP-104, 94.

21. Arsenijević J., Cvetanović A., Pavlović B., **Ražić S.**, Maksimović Z. & Zeković Z. (2018, September). Comparison of hydrodistillation (HD), microwave-assisted hydrodistillation (MHD) and supercritical fluid extraction (SFE) for the isolation of volatiles from chamomile flower. *49th International Symposium on Essential Oils (ISEO2018)*, Niš, Serbia. Book of Abstracts, *Facta Universitatis*, 2018, 16(1), 102.
22. Cvetanović A., Pavlić B., **Ražić S.**, Arsenijević J., Zengin G., Uysal S. & Zeković Z. (2018, October). Emerging approach for the preparation of chamomile functional ingredients. *UNIFood conference, University of Belgrade, 210th Anniversary*, Belgrade, Serbia. Book of abstracts, P18.
23. Đogo Mračević S., Lolić A., Krstić M., Mitrić Z. & **Ražić S.** (2018, October). Antibacterial and antioxidant activity of honeys from different regions of Serbia. *UNIFood conference, University of Belgrade, 210th Anniversary*, Belgrade, Serbia. Book of abstracts, P25.
24. Đogo Mračević S., Krstić M., Basić Z. & **Ražić S.** (2017, September). Application of inductively coupled plasma optical emission spectrometry in Fe, Cu, Zn, Cd, and Pb analysis in wheat and flour samples from several regions of Serbia. *51st Days of Preventive Medicine*, Niš, Serbia. Book of Abstracts, 144.
25. Nastić N., **Ražić S.**, Damjanović A., Cvetanović A., Gaurina Srček V., Slivac I., Radošević K. & Švarc-Gajić J. (2017, June). Anticarcinogenic potential of plum (*Prunus domestica* L.) kernel extracts obtained by subcritical water. *10th Joint Meeting on Medicinal Chemistry*, Dubrovnik, Croatia. Book of Abstract, P-106, p. 182.
26. **Ražić S.** & Radosavljević-Stevanović N. (2016, June). Chemometrics – powerful tool in tracking the origin of cannabis samples? *6th Congress of Pharmacy in Macedonia*, Ohrid, Macedonia. Book of Abstracts, S2 O 269. *Macedonian pharmaceutical bulletin*, 2016, 62(suppl), 129-130. **Invited lecture.**
27. **Ražić S.** (2016, March). Analytical challenges in biogenic volatile organic compounds. *IUPAC Workshop: Advances in Analytical Chemistry (joint event to ACS Annual Meeting)*, Bratislava, Slovakia. **Invited lecture.**
28. Petronijević M., Agbaba J., Molanar Jazić J., **Ražić S.**, Tubić A., Watson M. & Dalmacija B. (2016, June-July). Impact of ozone dose on natural organic matter content and bromate formation in water. *23th Young Investigators' Seminar on Analytical Chemistry (YISAC)*, Novi Sad, Serbia. Book of Proceedings, 56.
29. Đogo Mračević S., Lolić A., Krstić M. & **Ražić S.** (2016, September). Nitrite content determination in meat and products. *50th days of preventive medicine*, Niš, Serbia. Book of Abstracts, 78.
30. **Ražić S.**, Arsenijević J., Gadžurić S. & Maksimović Z. (2015, September). Headspace extraction of volatile organic compounds of Hungarian thyme infusions. *18th European Conference on Analytical Chemistry, Euroanalysis XVIII*, Bordeaux, France. E-book, O103, 147. **Oral communication.**
31. Stevanović M., Filipović N., Jeremić S., Nikodinović J. & **Ražić S.** (2015, September). Effect of different degradation medium on PCL spheres loaded with selenium nanoparticles. *Final Annual Meeting of the COST Action TD1004, "Theranostics Imaging*

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and Therapy: An Action to Develop Novel Nanosized Systems for Imaging-Guided Drug Delivery”, Belgrade, Serbia.

32. **Ražić S.** & Arsenijević J. (2015, June). Biogenic volatile organic compounds (BVOCs), environmental impact and analytical challenges. *7th Symposium Chemistry and Environmental Protection - Enviro Chem*, Palić, Srbija. Book of Abstracts, 50. **Invited lecture.**
33. Živojinović D., Lukić N., **Ražić S.**, Onjia A. & Rajaković Lj. (2015, June). Značaj primene multivarijacione statističke analize u praćenju parametara kvaliteta vode. *7th Symposium Chemistry and Environmental Protection - Enviro Chem*, Palić, Srbija. Book of Abstracts, 65.
34. **Ražić S.** & Radosavljevic-Stevanović N. (2015, March). Chemometrics as powerful tool for determination of the origin of cannabis samples. *Archibald Reiss Days, Kriminalističko-policijska akademija*, Beograd, Srbija. ISBN 978-86-7020-190-3, (2015) Vol. II, 353-61. **Oral communication.**
35. Krstić M., Spasojević Đ., **Ražić S.**, Vasiljević D. & Ibrić S. (2014, September). Influence of surfactants and adsorption carriers on drug release rate from solid drug delivery systems. *10th Central European Symposium on Pharmaceutical Technology*, Portorož, Slovenia. *Farmaceutski vestnik*, 65, 154-156.
36. Agatonovic-Kustrin S., Hettiaracchi C., Morton D. & **Razic S.** (2014, July). HPTLC quantification of phenolics in wine using high resolution plate imaging. *International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2014)*, Lyon, France. Book of Abstracts, 53.
37. Agatonovic-Kustrin S., **Razic S.**, Radosavljevic-Stevanovic N. & Morton D. (2014, April). A chemometrics approach to the analysis of *Cannabis sativa* samples. Metals and organic compounds in the biosynthesis of cannabinoids. *5th FIP Pharmaceutical Sciences World Congress*, Melbourne, Australia. Abstracts, id no. 956.
38. Krstić M., Momčilović M., **Ražić S.**, Vasiljević D. & Ibrić S. (2014, March-April). Optimization of drug release from solid self-emulsifying drug delivery systems by means of mixture experimental design. *9th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology*, Lisbon, Portugal. E-Book of Abstracts.
39. **Ražić S.**, Arsenijević J., Marković J. & Šoštarić I. (2013, August). Metals and volatile organic compounds in thyme samples – from spectroscopy and chromatography via chemometrics to biosynthesis. *Euroanalysis XVII*, Warsaw, Poland. Book of Abstracts, 95. **Oral communication.**
40. **Ražić S.**, Arsenijević J., Marković J. & Šoštarić I. (2012, August). Analysis of volatile fraction of *Thymus pannonicus* and correlations with inorganic plant composition by static headspace gas chromatography, mass spectrometry and atomic spectrometry. *4th EuCheMS Chemistry Congress*, Prague, Czech Republic. *Chemické Listy*, 2012, 106(s587–s1423), s600. **Oral communication.**
41. Arsenijević J., Šoštarić I., Maksimović Z., Marčetić M. & **Ražić S.** (2011, September). Optimisation of headspace procedure for extraction volatile constituents of *Thymus*

Curriculum Vitae

- pannonicus* All. and analysis by GC-MS. *Euroanalysis XVI*, Belgrade, Serbia. Book of Abstracts, PM05.
42. Arsenijević J., **Ražić S.** & Maksimović Z. (2010, April). Determination of zinc, iron and manganese in *Thymus pannonicus* All. (Lamiaceae) and rhizosphere soil samples from several locations in Serbia. *6th Conference on Aromatic and Medicinal Plants of Southeast European Countries (6th CMAPSEEC)*, Antalya, Turkey. *Pharmacognosy Magazine*, 2010, 6, S164.
 43. Živković J., Maksimović Z., Arsenijević J. & **Ražić, S.** (2010, October). Determination of Zn, Cu and Cr in some *Veronica* species (Plantaginaceae) and soil samples from several locations in Serbia. *5th Congress of Pharmacists of Serbia with International Participation*, Belgrade, Serbia. *Arhiv za farmaciju*, 2010, 60, 1036-1037.
 44. Djogo S., **Razić S.**, Lukic S., Slavkovic L. & Jevdjovic R. (2009, September). Investigation of effect of acidity and redox potential on the sorption of chromium in the soil. *Euroanalysis XV*, Innsbruck, Austria. Abstracts, P040-B2.
 45. Novakovic J., **Razić S.**, Tesoro A., Djogo S., Thiessen J.J. & Spino M. (2009, September). Determination of iron in rat model of secondary iron overload by atomic absorption spectroscopy and high performance liquid chromatography. *Euroanalysis XV*, Innsbruck, Austria. Abstracts. S02.
 46. **Ražić. S.** (2009, September). Model case study: Basic chemometric approach to the determination of metal content in some environmental samples. *Euroanalysis XV*, Innsbruck, Austria. Abstracts, S04. **Oral communication.**
 47. **Razić S.** & Djogo S. (2009, October). Sample preparation approach to assess the bioavailability of chromium to plants. *6th International conference Instrumental Methods of Analysis, Modern Trends and Applications*, Athens, Greece. Book of Abstracts, 61. **Oral communication.**
 48. Djogo S., Manojlovic D. & **Razić S.** (2008, April). A comparative study of copper levels in the soil from plantation of medicinal plants. *European Geosciences Union EGU, General Assembly*, Vienna, Austria. Geophysical Research Abstracts, Vol. 10, EGU2008-A-00851.
 49. **Razić S.** & Djogo S. (2009, October). Sample preparation approach to assess the bioavailability of chromium to plants. *6th International conference Instrumental Methods of Analysis, Modern Trends and Applications*, Athens, Greece. Book of Abstracts, 61. **Oral communication.**
 50. Djogo S. & **Razić S.** (2008, May). Determination of nickel content in medicinal plants and soil samples and risk assessment. *5th Symposium Chemistry and Environmental Protection*, Tara, Serbia, Book of Abstracts, 122 – 123.
 51. Djogo S. & **Razić S.** (2008, December). Analysis of Chromium in Evaluation of Bioavailability and Risk Assessment. *9th European Meeting on Environmental Chemistry*, Girona, Spain, Book of Abstracts, 80.
 52. **S. Ražić S.** & Onjia A. (2007, September). Chemometric Analysis of Multielement Composition of Wines from Central Balkan. *Euroanalysis XIV*, Antwerp, Belgium, Book of Abstracts, OS1-7. **Oral communication.**

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53. Marosanovic B., Kilibarda V. & **Razić S.** (2007, October). Multivariate Data Visualization Methods Based on Elemental Analysis of Herbal Drugs by ICP-MS. *A Joint Conference on Trace Elements in Diet, Nutrition and health: Essentiality and Toxicity*, Crete, Greece, Book of Abstracts.
54. **Ražić S.**, Đogo S. & Slavković L. (2006, June). Investigation of bioavailability of some essential and toxic elements. *International Congress of Analytical Sciences*, Moscow, Rusia, Abstracts, vol 2, L-62.
55. Đogo S., **Ražić S.** & Slavković L. (2006, December). Risk assesment and essentiality of trace and major elements in plantsoil system. *The seventh European Meeting on Environmental Chemistry*, Brno, Czech Republic, Book of abstracts, 77.
56. Basić Z., Kilibarda V., Maksimović M. & **Ražić S.** (2005, June). The B2 vitamin content in liver paste – is enzym hydrolisis application necessary? *29th International Symposium on High Performance Liquid Phase Separations and Related Techniques*, Stockholm, Sweeden, Abstract Book, 670.
57. **Ražić S.**, Onjia A. Đogo S. & Slavković L. (2005, September). Analysis of content of some toxic and essential elements in plants and soil by atomic spectroscopy and chemometry. *Colloquium spectroscopicum internationale XXXIV*, Antwerp, Belgium, Book of Abstracts, 75. **Oral communication.**
58. **Ražić S.**, Onjia A. Đogo S. & Slavković L. (2005, December). Chemometrics approach to elemental analysis of plant and soil samples. *The sixth European Meeting on Environmental Chemistry*, Belgrade, Serbia and Montenegro, Book of abstracts, 111. **Invited lecture.**
59. Đogo S., **Ražić S.** & Slavković L. (2005, December). Herbal drugs originating from medicinal plants of the family *Lamiaceae*. *The sixth European Meeting on Environmental Chemistry*, Belgrade, Serbia and Montenegro, Book of abstracts, 188.
60. Milosavljević M., Đorđević S. & **Ražić S.** (2005, October). Kinetic study of the reaction between sodium ethyl xantogenacetate and alkylamine. *6th Symposium on Novel technologies and economy development*, Leskovac, Serbia and Montenegro, Book of Abstract, 251-252.
61. **Ražić S.**, Đogo S., Slavković L. & Popović A. (2004, September). Trace and minor elements determination in some herbal drugs by FAAS. *7th International conference of physical chemistry*, Belgrade, Serbia and Montenegro, Proceedings, Vol. II, 679-681.
62. **Ražić S.**, Đogo S., Onjia A. & Slavković L. (2004, July). Energy dispersive x-ray fluorescence spectrometry as a powerfull tool in phytopharmacy. *4th International Conference of Chemical Societies of the South-East European Countries*, Belgrade, Serbia and Montenegro, Book of Abstracts, Vol. II, 52.
63. **Ražić S.**, Đogo S., Popović A., Slavković L. & Onjia A. (2004, September). Determination of metal content in some herbal drugs – empirical and chemometrics approach. *Euroanalysis XIII*, Salamanca, Spain, Book of Abstracts, OS1-7. **Oral communication.**

64. **Ražić S.**, Holclajtner-Antunović I. & Todorović M. (2003, September). The influence of ethanol addition on spatial emission distribution of traces in vertical argon stabilized dc arc plasma. *Colloquium Spectroscopicum Internationale XXXIII*, Granada, Spain, Book of Abstracts, 381.
65. Milosavljević M., Jovanović B. & **Ražić S.** (2003, September). Spectroscopic analysis of some new thiono- and thiolo-carbamates. *Colloquium spectroscopicum internationale XXXIII*, Granada, Spain, Book of Abstracts, 656.
66. Đukić D., **Ražić S.**, Đurčić M. & Matović V. (2003, October). Metal contents in *Hypericum perforatum* L. in different Serbian areas determined by AAS. *Third Congress on Pharmacy of Macedonia with international participation*, Ohrid, R. Macedonia, Macedonian Pharmaceutical Bulletin 2003, Book of Abstracts, 49(1-2), 197.
67. **Ražić S.**, Onjia A., Slavković L. & Andrić V. (2003, September). Determination of some trace elements in *Echinacea purpurea* by Energy Dispersive X-Ray Fluorescence Spectrometry. *International Conference on Instrumental Methods of Analysis - Modern Trends and applications*, Thessaloniki, Greece, Conference Proceedings, 385-387.
68. **Ražić S.**, Plamenac Z., Runjajić-Antić D. & Đorđević-Hadžić S. (2002, April). Analysis of some herbal plant from Yugoslavia. *7th International Symposium on Drug Analysis and the 13th International Symposium on Pharmaceutical and Biomedical Analysis*, Bruges, Belgium, Abstract Book, 111.
69. Jovanović T., Bogavac M., Radak B., Trtica M. & **Ražić S.** (2002, September). IR laser-induced changes of L-adrenaline-D-hydrogentartrate incorporated in KBr matrices. *Euroanalysis XII*, Dortmund, Germany, Book of Abstracts, 361.
70. Milosavljević M., Jovanović B., Obradović M. & **Ražić S.** (2002, September). Kinetics approach to the reaction of synthesis of N-alkyl-O-ethylthiocarbamate and N,N-dialkyl-O-ethylthiocarbamate. *Euroanalysis XII*, Dortmund, Germany, Book of Abstracts, 362.
71. **Ražić S.**, Iđaković Z. & Potkonjak B. (2002, September). Trace elements analysis of *Echinacea purpurea*-herbal medicinal. *Euroanalysis XII*, Dortmund, Germany, Book of Abstracts, 573.
72. Holclajtner-Antunović I., Todorović M., Plamenac Z., **Ražić S.** & Milićević V. (2002, September). Investigation of matrix effect on trace element spectrochemical determination in biscuits. *3th International Conference of the Chemical Societies of the South-Eastern European Countries*, Bucharest, Romania, Book of Abstracts, Vol. II, 333.
73. Đorđević S., Runjajić-Antić D. & **Ražić S.** (2002, October-November). Ispitivanje kvaliteta komercijalnih uzoraka kantariona i gloga. *10th Yugoslav Congress with international participation*, Belgrade, Serbia, Arhiv za farmaciju, (2002) 4, 821.
74. Basić Z. & **Ražić S.** (2002, October-November). Determination of water-soluble vitamins in biscuits with dry fruit addition by HPLC method. *10th Yugoslav Congress with international participation*, Belgrade, Serbia, Arhiv za farmaciju, (2002) 4, 743.

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75. Čučković D., Plamenac Z., **Ražić S.** & Nedeljković M. (2002, October). Metals in suspended particles in ambient air: sampling and analysis. *8th Yugoslav Congress of Toxicology with international participation*, Tara, Serbia, Archives of toxicology, kinetics and xenobiotic metabolism, (2002) 10(1-2), 43-44.
76. **Ražić S.**, Holclajtner-Antunović I., Todorović M., Plamenac Z., Rašković M. & Milićević V. (2001, May). Determination of trace elements and minerals in biscuits with dry fruit addition. *1st International FSTEM Congress on Trace Elements and Minerals In Medicine and Biology*, Venice, Italy, Book of Abstracts, 89.
77. **Ražić S.**, Basić Z., Todorović M., Holclajtner-Antunović I. & Maksimović M. (2000, September). Trace elements and vitamins in baby biscuits – analytical aspect. *Euroanalysis XI*, Lisboa, Portugal, Book of Abstracts, P-247.
78. Vujanović D., Plamenac Z., **Ražić S.** & Simović P. (2000, November). Toxic metals speciation in river Tisa. *3rd International Conference of Balkan Environmental Association (B.E.N.A.)*, Bucharest, Romania, Abstracts, 105-106.
79. **Ražić S.**, Basić Z., Todorović M., Holclajtner-Antunović I. & Bodiroga M. (1999, September). ICP-AES and HPLC – a powerful tool for wine analysis. *FIP, World Congress of Pharmacy*, Barcelona, Spain, Abstracts, 59.
80. **Ražić S.**, Holclajtner-Antunović I., Todorović M. & Tripković M. (1998, September). The influence of ethanol addition on plasma composition in argon stabilized d.c. arc. *4th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Belgrade, Serbia, Papers, 113-115.
81. **Ražić S.**, Holclajtner-Antunović I., Todorović M. & Stoilković M. (1998, June). Possibilities of argon stabilized d.c. arc for trace element determination in wines. *1st International Conference on Chemical Sciences and Industry*, Halkidiki, Greece, Book of Abstracts, Vol. I, PO521.
82. **Ražić S.**, Todorović M., Holclajtner-Antunović I., Basić Z. & Kandić A. (1998, September). Determination of Pb and Cd in wines by ETAAS and DPSV. *Euroanalysis X*, Basel, Switzerland, Abstract Book, 408.
83. Milićević V., Todorović M., Holclajtner-Antunović I., Mihajlović R. & **Ražić S.** Study of organic solvent addition on trace determination by FAAS. *Euroanalysis X*, Basel, Switzerland, Abstract Book, 413.
84. **Ražić S.**, Todorović M. & Holclajtner-Antunović I. Possibilities of trace elements determination in wines. *Second Yugoslav Congress of Pharmacy with International Participation*, Belgrade, Serbia, Arhiv za farmaciju, Abstracts, 996-997.
85. Holclajtner-Antunović I., **Ražić S.**, Todorović M., Stoilković M. & Milićević V. (1997, June). The influence of ethanol on determination of trace elements in argon stabilised d.c. arc. *International Congress on Analytical Chemistry*, Moscow, Russia, Abstracts, vol.2, L-62.

Curriculum Vitae

86. Todorović M., Holclajtner-Antunović I., Iđaković Z. & **Ražić S.** (1996, September). Determination of trace elements in ethanol-water mixture. *Euroanalysis IX*, Bologna, Italy, Book of Abstracts, 399.
87. Todorović M., Holclajtner-Antunović I., **Ražić S.** & Iđaković Z. (1996, September). Influence of dioxane addition on the analytical capabilities of ICP-AES. *Euroanalysis IX*, Bologna, Italy, Book of Abstracts, 169.
88. Novaković J., Tvrzicka E. & **Ražić S.** (1996, September). TLC and HPLC determination of bile acids in pharmaceuticals. *FIP, World Congress of Pharmacy'96*, Jerusalem, Israel, Abstracts, 185.
89. **Ražić S.**, Karljiković-Rajić K. & Rajković M. (1996, September). Spectrophotometric determination of fluoride in dosage forms and dental preparations. *FIP, World Congress of Pharmacy'96*, Jerusalem, Israel, Abstracts, 176.
90. Karljiković-Rajić K., Rajković M., **Ražić S.** & Stepanov D. (1996, September). Potentiometric titrations using silver indicator electrode for the assay of pralidoxime in pharmaceutical preparations. *FIP, World Congress of Pharmacy'96*, Jerusalem, Israel, Abstracts, 173.
91. Todorović M., Holclajtner-Antunović I., Ilić Z. & **Ražić S.** (1995, September). The influence of ethanol addition on the determination of trace elements in aqueous solutions by ICP-AES. *XXIX Colloquium Spectroscopicum Internationale*, Leipzig, Germany, Book of Abstracts, 181.

Domestic conferences and presentations (Proceedings and Abstracts)

1. Stanković M., Đurđević M., **Ražić S.** & Đogo Mračević S. (2024, June). Toxic Elements in Soil of Children's Playgrounds in the Belgrade Urban Area. *60th Meeting of the Serbian Chemical Society*; Niš, Serbia, Book of Abstracts, p. 81.
2. Grba N., Petronijević M., Panić S. & Ražić S. (2024, June). Geo-polymer based materials for phenol adsorption from wastewater. *60th Meeting of the Serbian Chemical Society*; Niš, Serbia, Book of Abstracts, p. 82.
3. Vesković J, Miletić A, **Ražić S** & Onjia A. (2023, June). Quality assessment of groundwater in Banat plain using entropy-weighted water quality index (EWQI). Book of Abstracts of the *59th Meeting of the Serbian Chemical Society*; Novi Sad, Serbia. p. 48.
4. Đogo Mračević S., Krstić M., Jaćimović V., Popović M. & **Ražić S.** (2018, June). Determination of metals and metalloids in honey using inductively coupled plasma - optical emission spectrometry (ICP-OES). *55th Meeting of the Serbian Chemical Society*, Novi Sad, Srbija, Book of Abstracts, AH P01.
5. Krstić M., Radosavljević-Stevanović N. & **Ražić S.** (2018, June). ATR-FTIR/Chemometrics as powerful tool in analysis of heroin based drug mixtures, *55th Meeting of the Serbian Chemical Society*, Novi Sad, Srbija, Book of Abstracts, AH P02.

6. Cvetanović A., **Ražić S.**, Damjanović A., Zengin G., Uysal S., Zeković Z. & Švarc-Gajić J. (2018, June). Combining multidirectional perspectives to explain functional properties of aronia (*Aronia melanocarpa*): Chemical content and biological propensities. *55th Meeting of the Serbian Chemical Society*, Novi Sad, Srbija, Book of Abstracts, HTH P 01.
7. Krstić M., Ibrić S. & **Ražić S.** (2016, Januar). Karakterizacija čvrstih samo-mikroemulgujućih sistema sa karbamazepinom izrađenim sa poroznim adsorbenima (Characterization of solid self-microemulsifying drug delivery systems of carbamazepine with porous adsorbents). *53. Savetovanje srpskog hemijskog društva*, Beograd, Srbija, Knjiga izvoda, AH O3, 14.
8. Vukojević V, Đurđić S., **Ražić S.** & Mutić J. (2016, Januar). Određivanje sadržaja metala i izotopskog odnosa olova u zubima ICP-QMS metodom (Determination of metal content and lead isotope ratios in human teeth by ICP-QMS). *53. Savetovanje srpskog hemijskog društva*, Beograd, Srbija, Knjiga izvoda, AH P13, 27.
9. Ćurčić M., Ivić B., **Ražić S.**, Đukić-Ćosić D., Antonjević E. & Antonijević B. (2014, September). Pharmaceutical waste in the environment. *1st Symposium with international participation State and prospects of pharmaceutical and medical waste*, Palić, Serbia, Proceedings, P.36-40.
10. Bušatlić A., Krstić M., Basić Z. & **Ražić S.** (2012, oktobar-novembar). Analiza šećera u voćnim sokovima primenom visokoefikasne tečne hromatografije. *12. Kongres o ishrani sa međunarodnim učešćem*, Beograd, Srbija, Knjiga izvoda, ISBN: 978-86-909633-2-4, 318.
11. Đogo S., **Ražić S.**, Manojlović D. & Slavković L. (2010, april). Analiza šestovalentnog hroma u biljkama uz procenu bioraspodivnosti i potencijalne toksičnosti. *XLVIII Savetovanje Srpskog hemijskog društva*, Novi Sad, Srbija, Knjiga izvoda radova, 17.
12. Đogo S., Manojlović D. & **Ražić S.** (2008, oktobar). Specijaciona analiza hroma u zemljištu i uzorcima pitome nane, *Mentha piperita* (Speciation Analysis of Chromium in Soil and Plant Samples *Menthae piperitae*). *XXVIII Symposium for Medicinal and Aromatic Plants*, Vršac, Srbija, Zbornik Apstrakata, 46.
13. **Ražić S.**, Đogo S., Slavković L. & Popović A. (2005, januar). Neorganska analiza biljne droge *Hyperici herba* (*Hypericum perforatum* L.). *XLIII Savetovanje srpskog hemijskog društva*, Beograd, Srbija, Izvodi radova, 43-46.
14. **Ražić S.**, Đogo S., Onjia A. Slavković L. & Popović A. (2004, septembar). Analiza neorganskih komponenti u biljkama familije Lamiaceae. *XXVI Savetovanje o lekovitim i aromatičnim biljkama*, Bajina Bašta, Srbija i Crna Gora, Zbornik rezimea, 162.
15. Runjajić-Antić D., Đorđević S., **Ražić S.**, Đogo S. & Slavković L. (2004, septembar). Određivanje sadržaja hipericina i mineralnih materija u komercijalnim uzorcima droge *Hyperici herba*. *XXVI Savetovanje o lekovitim i aromatičnim biljkama*, Bajina Bašta, Srbija i Crna Gora, Zbornik rezimea, 176.

16. **Ražić S.** & Onjia A. (2003, januar). Analiza mikro i makro elemenata u biljnim uzorcima atomsko apsorpcionom spektrometrijom. *XLI Savetovanje srpskog hemijskog društva*, Beograd, Srbija i Crna Gora, Izvodi radova, 31.
17. Todorović M., Holclajtner-Antunović I., **Ražić S.**, Kandić A. & Marković D. (1999, oktobar). Determination of Pb in wine by d.c. arc and ETAAS. *12. Jugoslovensko savetovanje o opštoj i primenjenoj spektroskopiji*, Beograd, Jugoslavija, Knjiga abstrakta, 56-57.
18. Čupić S., Iđaković Z., **Ražić S.** & Onjia A. (1998, novembar). Određivanje bakra u vinu metodom elektrotermalne atomske apsorpcione spektrofotometrije. *IV Savetovanje industrije alkoholnih i bezalkoholnih pića i sirćeta*, Vrnjačka Banja, Jugoslavija, Zbornik radova, 107-112.
19. **Ražić S.**, Todorović M., Holclajtner-Antunović I., Iđaković Z. & Kandić A. (1998, novembar). Upoređivanje metoda za određivanje tragova metala u vinima. *IV Savetovanje industrije alkoholnih i bezalkoholnih pića i sirćeta*, Vrnjačka Banja, Jugoslavija, Zbornik radova, 103-106.
20. **Ražić S.**, Stoilković M., Holclajtner-Antunović I. & Todorović M. (1996, jun). Uticaj etanola na analitičke osobine argonom stabilisanog luka. *XXXVIII Savetovanje hemičara SR Srbije*, Beograd, Jugoslavija, Izvodi radova, 169.
21. Todorović M., Holclajtner-Antunović I., Ilić Z. & **Ražić S.** (1995, jun). Mogućnosti određivanja tragova elemenata u smešama etanol-voda pomoću ISAP. *11 Jugoslovensko savetovanje o opštoj i primenjenoj spektroskopiji*, Novi Sad, Jugoslavija, Knjiga izvoda, 44. **Usmeno izlaganje.**
22. Antić J., Urošević M., Dušić Ž. & **Ražić S.** (1990, maj). Određivanje sadržaja gvožđa u Fedex-u. *XXIII Susreti studenata Farmaceutskih fakulteta Jugoslavije*, Crikvenica, Jugoslavija, Zbornik.
23. Dušić Ž. & **Ražić S.** (1989, januar). Analiza perjordne oksidacije pentozna metodom spektrofotometrije. *XXXI Savetovanje hemičara SR Srbije*, Beograd, Jugoslavija, Izvodi radova.
24. **Ražić S.** & Dušić Ž. (1989, jun). Spektrofotometrijska metoda za određivanje mravlje kiseline u rastvoru koji preostaje posle perjordne oksidacije 1,2-diola, II. *X Jugoslovensko savetovanje o opštoj i primenjenoj spektroskopiji i III Jugoslovenski simpozijum za molekularne nauke*, Ohrid, Jugoslavija, Abstracts, UV 23.
25. Dušić Ž. & **Ražić S.** (1989, jun). Spektrofotometrijska metoda za određivanje mravlje kiseline u perjordnoj oksidaciji arabinoze i ksiloze. *X Jugoslovensko savetovanje o opštoj i primenjenoj spektroskopiji i III Jugoslovenski simpozijum za molekularne nauke*, Ohrid, Jugoslavija, Abstracts, UV 24.
26. **Ražić S.** & Dušić Ž. (1989, oktobar). Određivanje mravlje kiseline u perjordnoj oksidaciji vicinalnih poliola i Monosaharida. *XI Savetovanje hemičara i tehnologa Makedonije*, Skopje, Jugoslavija, Abstracts, B1-7.

27. **Ražić S.** & Dušić Ž. (1988, jun). Određivanje kiselina metodom spektrofotometrije. *Peti jugoslovenski simpozijum po analitička hemija*, Ohrid, Jugoslavija, Izvodi Saopštenjata, SM.66.
28. **Ražić S.** & Dušić Ž. (1988, jun). Spektrofotometrijska metoda za određivanje mravlje kiseline u smeši koja preostaje posle oksidacije 1,2-diola. *Peti jugoslovenski simpozijum po analitička hemija*, Ohrid, Jugoslavija, Izvodi Saopštenjata, SM.65.
29. **Ražić S.** & Dušić Ž. (1986, septembar). Analiza perjordne oksidacije 2-deoksi-D-riboze, II. *III Savetovanje hemičara i tehnologa Kosova i II Jugoslovenski simpozijum oretkim elementima*, Priština, Jugoslavija, Knjiga izvoda, 131.
30. Dušić Ž. & **Ražić S.** (1986, januar). Analiza perjordne oksidacije 2-deoksi-D-riboze. *XXVIII Savetovanje hemičara SR Srbije*, Beograd, Jugoslavija, Knjiga izvoda, 115.
31. Dušić Ž. & **Ražić S.** (1985, oktobar). Određivanje metil- α -D-glukopiranozida potenciometrijskom titracijom. *IV Jugoslovenski simpozijum o analitičkoj hemiji*, Split, Jugoslavija, Sinopsisi radova, 143.

Selected invited lectures at international and domestic conferences, international universities, and international chemical societies

1. **Ražić S.**, Arsenijević J. & Trtić-Petrović T. (2025, July). Use of Unconventional Solvents, Greener Approaches to Sample Preparation in Environmental Analysis and Current Challenges. 50th IUPAC Chemistry Congress (50WCC); Kuala Lumpur, Malezija. **Keynote lecture.**
2. **Ražić S.** Bakić T, Topić A, Lukić J & Onjia A. (2023, July). Greener Approach to Determination of Free Tryptophan in Cold-pressed Oils by Reversed-Phase Dispersive Liquid-Liquid Microextraction and High-Performance Liquid Chromatography. *Euroanalysis XXI*; Geneva, Switzerland. **Keynote lecture.**
3. **Ražić S.** (2023, July). Between green and white analytical chemistry - Greener solvents, from solutions to applications in complex matrices. 38th International Conference on Solution Chemistry. Belgrade, Serbia. **Plenary lecture.**
4. **Ražić S.**, Mušović J, Vraneš M, Papović S, Gadžurić S & Trtić-Petrović T. (2023, June). Greener sample preparation method for direct determination of toxic metals in river sediments using functionalized ionic liquids. 18th International Conference on Chemistry and the Environment (ICCE). Venice, Italy.
5. **Ražić S.**, Cvetanović A. & Arsenijević J. (2021, June-July). From plants samples to analysis of biologically active compounds – toward green(er) analytical chemistry. 23rd International Symposium on Advances in Extraction Technologies – online konferencija.
6. **Ražić S.**, Trtić-Petrović T. & Ana Culicov O. (2019). Distribution of Technology Critical Elements (TCE) in Sediments of the Danube River and its Tributaries in Republic of Serbia. *Euroanalysis XX*. Istanbul (Turkey).

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7. **Ražić S.**, Đurđić S., Vukojević V. & Mutić J, (2019, June). Lead isotope ratios as tool for elucidation of chemical environment in a real system of mushrooms-soil. 17th International Conference on Chemistry and the Environment (ICCE). Thessaloniki, Greece.
8. **Ražić S.** (2018, November). Case studies related to analytics of biogenic organic compounds: new green approaches, environmental impact and forensic challenges. *Division of analytical chemistry and spectroscopy of the Croatian chemical society, University of Zagreb, Zagreb, Croatia.*
9. **Ražić S.** (2017, April). Subcritical water extraction in analysis of bioactive compounds. *Division of analytical chemistry of the Italian chemical society, Mini-symposium of DAC-EuCheMS, University La Sapienza, Rome, Italy.*
10. **Ražić S.** & Arsenijević J. (2015, June). Biogenic volatile organic compounds (BVOCs), environmental impact and analytical challenges. *7th Symposium Chemistry and Environmental Protection - Enviro Chem, Palić, Srbija. Book of Abstracts, 50. **Keynote lecture.***
11. **Ražić S.** & Arsenijević J. (2015, March). Biogenic volatile organic compounds (BVOCs), environmental impact and analytical challenges. *Division of analytical chemistry of the Slovenian chemical society, Mini-symposium of DAC-EuCheMS, University of Ljubljana, Ljubljana, Slovenia.*
12. **Ražić S.** & Radosavljević-Stevanović N. (2014, December). Metals and Organic Compounds in Cannabis samples - From Analytics via Biosynthesis to Forensics. *Charles University in Prague, Prague, Czech Republic.*
13. **Ražić S.** (2015, april). Green chemistry - vision, dream or future which has already begun. *26. Aprilski dani za nastavnike hemije, Beograd, Srbija, Izvodi radova.*
14. **Ražić S.** (2004, januar). Eurocurriculum I, Eurocurriculum II or something third. *XLII Savetovanje srpskog hemijskog društva, Novi Sad, Srbija, Izvodi radova, 9 -10.*
15. Radosavljevic-Stevanovic N. & **Razic S.** (2014). Metals and organic compounds in the biosynthesis of cannabinoids. *European network of forensic science institutes –ENFSI 2014, Helsinki, Finland.*
16. **Razic S.** & Djogo S. (2009, October). Sample preparation approach to assess the bioavailability of chromium to plants. *6th International conference Instrumental Methods of Analysis, Modern Trends and Applications, Athens, Greece.*
17. **Ražić S.** (2009, September). Model case study: Basic chemometric approach to the determination of metal content in some environmental samples. *Euroanalysis XV, Innsbruck, Austria.*

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18. **Ražić S.**, Onjia A. Đogo S. & Slavković L. (2005, December). Chemometrics approach to elemental analysis of plant and soil samples. *The sixth European Meeting on Environmental Chemistry*, Belgrade, Serbia and Montenegro.
19. **Ražić S.** (2004, januar). Eurocurriculum I, Eurocurriculum II or something third. *XLII Savetovanje srpskog hemijskog društva*, Novi Sad, Srbija, Izvodi radova, 9 -10. **Keynote lecture.**