










**PERSONAL INFORMATION**
**Sabina Žero**


-  Zmaja od Bosne 33-35, 71000 Sarajevo, BiH
-  +38733279883
-  sabina\_zero@hotmail.com  
sabinazero@pmf.unsa.ba
-  [www.pmf.unsa.ba](http://www.pmf.unsa.ba)
-  <https://orcid.org/0000-0002-9857-5595>
-  [https://www.researchgate.net/profile/Sabina\\_Zero](https://www.researchgate.net/profile/Sabina_Zero)
-  <https://scholar.google.com/citations?user=54IT30QAAAAJ&hl=en&oi=ao>
-  <https://unsa-ba.academia.edu/SabinaZero>
-  <https://ba.linkedin.com/in/sabina-zero-56028531>

**WORK EXPERIENCE**

- 2020. – currently Assistant Professor at the Division of Analytical Chemistry, Department of Chemistry, Faculty of Science, University of Sarajevo
- 2021 (Feb) – currently Teaching coordinator for the Interdisciplinary Study: Conservation and Restoration at the University of Sarajevo
- 2015. – 2020. Senior teaching assistant at the Division of Analytical Chemistry, Department of Chemistry, Faculty of Science, University of Sarajevo
- 2011. – 2015. Teaching assistant at the Division of Analytical Chemistry, Department of Chemistry, Faculty of Science, University of Sarajevo
- 2012. – 2013. Teaching assistant at subjects Veterinary Biochemistry I and Veterinary Biochemistry II at the Department of Chemistry and Biochemistry, Department of Morphology, Veterinary Faculty, University of Sarajevo
- 2009. – 2010. Demonstrator (in laboratory work) in the summer semester 2009/2010 at the Division of Analytical Chemistry, Department of Chemistry, Faculty of Science, University of Sarajevo
- 2008. Completed ferial practice at Bosnalijek dd, Development Sector, Laboratory for Synthesis and Laboratory for Chromatographic Methods

**TEACHING EXPERIENCE**

Assistant Professor in the subjects: Chemistry and Quality of Air, Analytical Quality Control Systems, Wastewater and Waste Gas Treatment, Selected Spectrometric Methods of Analysis, Analytical Quality Control, Analytical Methods in Forensic Chemistry (II study cycle )

Teaching assistant in performing laboratory exercises in the subjects: Analytical Chemistry I, Analytical Chemistry II, Analytical Chemistry III, Selected Spectrometric Methods of Analysis, Environmental Chemistry I, Analytical Quality Control, Ion Exchange Mechanisms, Chemistry and Quality of Air, Chemistry and Quality of Water, Analytical Quality Control Systems , Metrology in Chemistry (II study cycle), Chemical Analysis of Selected Materials (II study cycle), Water Analysis (II study cycle), Analytical Methods in Forensic Chemistry (II study cycle), Chemistry Teaching Methodology I, Chemistry Teaching Methodology II, Analytical Methods of Heritage Research and Documentation (Interdisciplinary study: Conservation and restoration - II study cycle)

**INVOLVEMENT**

External associate (assistant professor) at the University of Zenica, Faculty of Metallurgy and Technology in Zenica in 2022/2023. in courses: Analytical Chemistry I,

Environmental Chemistry and Chemical and Biological Harms  
 External associate (assistant professor) at the University of Zenica, Faculty of Metallurgy and Technology in Zenica in 2021/2022. in the course Analytical Chemistry I  
 Secretary of the editorial office of the journal Bulletin of the Chemists and Technologists of Bosnia and Herzegovina since May 2018  
 External associate (expert) at the Institute for Accreditation of Bosnia and Herzegovina (BATA) since 2017  
 Member of the Board of Directors of the DKTKS association (treasurer), from 2012 to 2016.

## EDUCATION AND TRAINING

2012. – 2017. Ph.D. in Chemistry  
 Faculty of Science, University of Sarajevo (18.10.2017.) doctoral dissertation: "Bioaccessibility of metals from the PM10 fraction of air particulate matter", mentor: prof. dr. Jasna Huremović
2009. – 2010. M.Sc. in Engineering Chemistry  
 Faculty of Science, University of Sarajevo (15.02.2011.) master's thesis: "Characterization of seasonal variations in the content of 13 elements in the PM10 fraction of air particulate matter in urban and rural areas of Sarajevo Canton", mentor: doc. dr. Jasna Huremović
2005. – 2009. B.Sc. in Engineering Chemistry  
 Faculty of Science, University of Sarajevo (16.07.2009.) graduate thesis: "Control of water pollution of the Vogošća River by heavy metals from an Industrial Zone using the AAS method", mentor: doc. dr. Mustafa Memić
2005. High school: Druga gimnazija Sarajevo  
 2001. Primary school: OŠ Musa Ćazim Ćatić Sarajevo  
 2016. Training and Research for Academic Newcomers, lifelong learning program in the field of pedagogical education and strengthening the competences of the academic staff of the University of Sarajevo, Sarajevo, Bosnia and Herzegovina

## PERSONAL SKILLS

Native language	Bosnian		
Other languages	English		
	Understanding	Speaking	Writing
	B2	B2	B2
	German (Deutsches Sprachdiplom der KMK – Stufe II)		
	Understanding	Speaking	Writing
	B2/C1	B2/C1	B2/C1
Computer skills	Microsoft Office™		
Driving license	B category		

## ADDITIONAL INFORMATION

- Development *Participant* in the webinar CARE - care for the general well-being of university employees and SUPPORT - support for conducting online classes (held within the framework of the project Development of the framework for professional development of

academic staff at public universities in BiH - TRAIN BiH), 28. 4. 2022., online

*Participant* in the training Implementation of the principles of green chemistry in industry, The training was held as part of the project Environmentally acceptable management of persistent organic pollutants (POPs) in the industrial and hazardous waste management sector in BiH, financed by Sweden, and implemented by the United Nations Development Program (UNDP), 03.02.2022, online

*Participant* in an international research workshop Effective Researcher and Pedagogic Stratification in Academics, Faculty of Science, 14.12.2021., Sarajevo, BiH

*Participant* in an interactive training program for the purpose of developing the skills of writing scientific articles and statistical data processing (SPSS) within the MostarT Science 2021 project, 17.-18.09.2021., Mostar, BiH

*Participant* in the Online Policy Engagement Training Course as part of The Western Balkans Science Engagement Programme , 11.01.2021.-18.03.2021., online

*Participant* in ERASMUS+ (Staff mobility for training) from 09.12.2019. to 13.12.2019. Catholic University Lille, Lille, France

*Participant* in the WG1 meeting (COST Action CA16109), 5-6 Mar 2019, King's College London, London, United Kingdom

*Participant* in Short Term Scientific Missions (STSM) in Zagreb, Croatia, Sep-Oct 2018, grant of the COST Action CA16109

*Participant* in training on the new edition of the ISO/IEC 17025:2017 standard for assessors and experts of BATA, Sarajevo, April 18, 2018.

*Participant* in the meeting Legal basis for the work of BATA, organization, quality policy, Accreditation system of BiH, Regulation (EC) 765/2008, Requirements of standards ISO/IEC 17011: 2004, Requirements for assessors and experts, Requirements of standards BAS EN ISO/IEC 17025: 2006 , BATA documents, EA, ILAC documents, Assessment planning, assessment techniques, reporting, Team/group exercises, (January 23 - January 27, 2017), Institute for Accreditation of BiH (BATA), Sarajevo

*Participant* in TrainMic "Principles and Applications of Metrology in Chemistry", 13-14 November 2014, Sarajevo, Bosnia-Herzegovina

*Participant* in Hands-on training course on sample preparation for analysis of priority pollutants in the aquatic environment, Masaryk University in Brno, RECETOX, Czech Republic, 9.-11.09.2014. (Within NETREL TEMPUS project)

*Participant* in Hands-on training course on sampling of priority pollutants in the aquatic environment, Masaryk University in Brno, RECETOX, Czech Republic 8.-10.07.2014. (Within NETREL TEMPUS project)

*Participant* in TrainMic "Principles and Applications of Metrology in Chemistry", 24-25 October 2013, Sarajevo, Bosnia-Herzegovina

*Participant* in "Methods And Tools To Identify Trans-Boundary Movements And Sources Of APM", 8-12 July 2013, Vilnius, Lithuania (Within IAEA Technical Cooperation Project RER/1/008)

*Participant* in "Air sampling and nuclear analytical characterisation of atmospheric particulate matter (APM), including quality assurance/quality control (QA/QC)", 4-8 June 2013, Zagreb, Croatia (Within IAEA Technical Cooperation Project RER/1/008)

*Participant* in Proficiency Testing of APM elemental content, IAEA RER/1/008 - Supporting Air Quality Management, Environmental Hygiene Unit, Institute for Medical Research and Occupational Health, Zagreb, Croatia, 2013

*Participant* in TrainMic "Principles and Applications of Metrology in Chemistry", 28 March 2012, Sarajevo, Bosnia-Herzegovina

*Participant* In the framework of the IAEA TC Project RER/1/008 "Supporting Air Quality Management", a Proficiency Test exercise (PT) of analysis of APM elemental content based on samples prepared from Dust Certified Reference Materials deposited in

Polytetrafluoroethylene (PTFE) filters was performed at the Institute of Nuclear & Radiological Sciences & Technology, Energy & Safety, N.C.S.R. Demokritos, Athens, Greece

*Participant* in TrainMic "Principles and Applications of Metrology in Chemistry", 10-11 November 2011, Sarajevo, Bosnia-Herzegovina

*Participant* in Prevent School of Automotive (Prevent Group BH), 3-27 Oktobar 2011., ASA Prevent Centar, Sarajevo, BiH

*Junior expert* in "Intercomparison exercise for sampling of air particulate matter PM10" – Technical Cooperation Project RER2/005, 23 September - 8 October 2010, National Center for Scientific Research "Demokritos", Aghia Paraskevi, Greece

- Conferences
- Participant in 9th International Workshop on Biomonitoring of Atmospheric Pollution (BIOMAP 9), University Federico II, 03.-05.10.2022., Naples, Italy
  - Participant in na the 4th International Congress of Chemists and Chemical Technologists, 30.06.- 02.07.2022. godine, Sarajevo, BiH
  - Participant in the 3rd International Congress of Chemists and Chemical Technologists, 19.-21.10.2018., Sarajevo, BiH
  - Participant in the 2nd International Congress of Chemists and Chemical Technologists, 21.-23.10.2016., Sarajevo, BiH
  - Participant in the 2nd scientific-professional conference with international participation "Protection of water in karst ", Mostar, 15-16. 10. 2015., BiH
  - Participant in the Congress of Chemists and Chemical Technologists with International Participation, 10.-12.10.2014., Sarajevo, BiH
  - Participant at the Eighth Croatian scientific and professional meeting with international participation "AIR PROTECTION 2013", Šibenik-Solaris, 09.-14. rujna 2013., Hrvatska
- Memberships
- Society of Chemists and Technologists of Sarajevo Canton (Društvo kemičara i tehnologa Kantona Sarajevo)
  - Croatian Society of Chemical Engineers and Technologists (Hrvatsko društvo kemijskih inženjera i tehnologa)
  - Member of the scientific committee of the Fourth International Congress of Chemists and Chemical Technologists of BiH, Sarajevo 2022
  - Member of the international scientific committee - International Scientific Committee CIMEE 2018, Chemical & Environmental Science, Second International Symposium on Materials, Electrochemistry and Environment Lebanon, Libija, 2018
  - Member of the organizing committee of the Third International Congress of Chemists and Chemical Technologists of BiH, Sarajevo 2018.
  - Member of the organizing committee of the Second International Congress of Chemists and Chemical Technologists of Bosnia and Herzegovina, Sarajevo 2016.
  - Member of the organizing committee of the BiH Congress of Chemists and Chemical Technologists with international participation, Sarajevo 2014.

#### Awards and recognitions

- 2021 University of Sarajevo award for the results of scientific/artistic work in 2020
- 2008 Diploma for excellent success achieved in the academic year 2007/08. at the Department of Chemistry, Faculty of Science, Sarajevo, 01.12.2008.

## Projects

- 2022.-2025. ToxLearn4EU – Toxicology Innovative Learning For Europe (Erasmus+, KA220-HED – Cooperation partnerships in higher education, Higher Education (Project manager: Prof. dr. Bertrand Pourrut (France), Project coordinator for BiH: Prof. dr. Anja Haverić (INGEB))
2021. Adsorption and removal of organophosphate pesticide from water samples using phyllosilicate mineral (scientific research/art research and development projects and programs financed from the Budget of Sarajevo Canton for 2021) (Project manager doc. dr. Lejla Klepo)
- 2021.-2023. Member of the Multidisciplinary author team within the project Assessment of the state of nature and management of natural resources in Bosnia and Herzegovina (PSP BiH) (Project coordinator Prof. dr. Senka Barudanović)
2017. – 2021. COST Action CA16109 Chemical On-Line cOmpoSition and Source Apportionment of fine aerosol, COLOSSAL (3 March 2017 - 2 March 2021), Management Committee Member: prof. dr. Jasna Huremović i dr. Sabina Žero
2018. – 2019. Conservation of freshwater oligotrophic habitats on Vranica mountain and establishment of long-term monitoring of biodiversity. The Rufford Foundation ©2018. Grant number: 24578-1., Project manager dr. Ermin Mašić
2017. – 2018. SaFiCa – Sarajevo Canton Field Campaign 2017, Project manager doc. dr. Katja Džepina, University of Rijeka, Croatia
2016. – 2017. Promotion of specific natural values Federation of Bosnia and Herzegovina, Center for Ecology and Natural Resources - Academician Sulejman Redžić, Faculty of Science, University of Sarajevo, The project was carried out for the needs of the FBiH Environmental Protection Fund, Project manager prof. dr. Senka Barudanović
2012. – 2016. Tempus NETREL (Network for education and training for public environmental laboratories) Project manager prof. dr. Tidža Muhić-Šarac
2012. – 2014. Supporting Air Quality Management, International Atomic Energy Agency (IAEA) – Regional Technical Cooperation Project RER/1/008, Project coordinator prof. dr. Jasna Huremović
2009. – 2012. Characterizing Seasonal Variations in Elemental Particulate Matter Concentrations in European Urban and Rural Areas under Different Climatic Conditions, International Atomic Energy Agency (IAEA) – Technical Cooperation Project RER2/005, Project coordinator prof. dr. Jasna Huremović

## Reviews of scientific/professional papers and abstracts

Reviews of papers in journals: Science, Engineering and Technology (2022); Journal of Trace Elements and Minerals (2022); Current Indian Science (2022); Ecotoxicology and Environmental Safety (2021); Journal of Sustainable Technologies and Materials Science JST&M (2021); Environmental Science and Pollution Research (2020; 2021); Kemija u industriji (Chemistry in industry) (2020; 2022); Bulletin of the Chemists and Technologists of Bosnia and Herzegovina (2019; 2021); Academia Letters (2021); SN Applied Sciences (2020); Archives of Industrial Hygiene and Toxicology (2019); Atmospheric Environment + OA Mirror (2019); Reviews of abstracts at conferences/congresses: CIMEE18 (abstracts, 2018); ICCCEBIH2022 (abstracts, 2022)

## BIBLIOGRAPHY

## Original scientific papers

**Žero, S.**, Žužul, S., Huremović, J., Peh nec, G., Bešlić, I., Rinkovec, J., Godec, R., Kittner, N., Pavlović, K., Požar, N., Castillo, J.J., Sanchez, S., Manousakas, M.I., Furger, M., Prevot, A.S.H., Močnik, G., Džepina, K. (2022). New Insight into the Measurements of Particle-Bound Metals in the Urban and Remote Atmospheres of the Sarajevo Canton and Modeled Impacts of Particulate Air Pollution in Bosnia and Herzegovina. *Environmental Science and Technology* 56(11), 7052-7062. DOI: 10.1021/acs.est.1c07037

Hasanbegović, E., Huremović, J., **Žero, S.** (2021) Adsorption capacity of nitrate from artificial fertilizers and soil on pyrophyllite. *International Journal of Environmental Science and Technology*, 18, 3731–3738. DOI: 10.1007/s13762-021-03135-2

Haskovic, E., Muhic-Sarac, T., Lukic, M., Marjanovic, M., **Zero, S.**, Islamagic, E. (2021). Determination of heavy metals in liver and skeletal muscles of pigs and calves: experience from Bosnia and Herzegovina. *Bulgarian Journal of Agricultural Science*, 27(3), 593-599.

Mašić, E., Barudanović, S., **Žero, S.**, Ramić, E., Macanović, A., Fejzić S. (2020) New data on distribution of *Hydrurus foetidus* (Villars) Trevisan in freshwater habitats on Vranica Mountain (Bosnia and Herzegovina). *Biologica Nyssana*, 11(2):93 101. DOI: 10.5281/zenodo.4393955.

Peh nec, G., Jakovljević, I., Godec, R., Štrukil, Z. S., **Žero, S.**, Huremović, J., Džepina, K. (2020). Carcinogenic organic content of particulate matter at urban locations with different pollution sources. *Science of the Total Environment*, 734, 139414. <https://doi.org/10.1016/j.scitotenv.2020.139414>

Huremović, J., **Žero, S.**, Bubalo, E., Dacić, M., Čeliković, A., Musić, I., Bašić, M., Huseinbašić, N., Džepina, K., Cepić, M., Muratović, N., Pašalić, A., Salihagić, S., Krvavac, Z., Zelić Hadžiomerović, J., Gojak-Salimović, S. (2020). Analysis of PM<sub>10</sub>, Pb, Cd, and Ni atmospheric concentrations during domestic heating season in Sarajevo, Bosnia and Herzegovina, from 2010 to 2019. *Air Quality, Atmosphere and Health*, 13(8), 965-976. <https://doi.org/10.1007/s11869-020-00852-4>

Masic, A., Bibic, D., Pikula, B., Blazevic, A., Huremovic, J., **Zero, S.** (2020). Evaluation of optical particulate matter sensors under realistic conditions of strong and mild urban pollution. *Atmospheric Measurement Techniques*, 13(12), 6427-6443. <https://doi.org/10.5194/amt-13-6427-2020>

Delibašić, Š., Huremović, J., **Žero, S.**, Gojak-Salimović, S. (2020). Water Quality of the Trstionica River (Bosnia and Herzegovina). *Kemija u industriji: Časopis kemičara i kemijskih inženjera Hrvatske*, 69(7-8), 371-376. <https://doi.org/10.15255/KUI.2019.061>

Bašić, M., Beganović, L., Huremović, J., **Žero, S.** (2020). Assessment of Metals and their Estimated Daily Intakes in Various Nuts, Agriculture and Forestry 66(3). DOI: 10.17707/AgricultForest.66.3.17

Masic, A., Bibic, D., Pikula, B., Blazevic, A., Huremovic, J., **Zero, S.** (2020). Evaluation of optical particulate matter sensors under realistic conditions of strong and mild urban pollution. *Atmospheric Measurement Techniques*, 13(12), 6427-6443.



Delibašić, Š., Đokić-Kahvedžić, N., Karić, M., Keskin, I., Velispahić, A., Huremović, J., Herceg, K., Selimović, A., Silajdžić, S., **Žero, S.**, Gojak-Salimović, S., Partić, A., Pašalić, A. (2020). Health risk assessment of heavy metal contamination in street dust of federation of Bosnia and Herzegovina. *Human and Ecological Risk Assessment: An International Journal*, 27(5), 1296-1308. DOI: 10.1080/10807039.2020.1826290

Ramić, E., Huremović, J., Muhić-Šarac, T., Đug, S., **Žero, S.**, Olovčić, A. (2019). Biomonitoring of air pollution in Bosnia and Herzegovina using epiphytic lichen *Hypogymnia physodes*. *Bulletin of Environmental Contamination and Toxicology*, 102(6), 763-769. <https://doi.org/10.1007/s00128-019-02595-0>

Vehab, A., Huremović, J., **Žero, S.**, Šabanović, E. (2019). Essential and toxic metals content in hen eggs at different geographic area in Bosnia and Herzegovina. *Annals, Food Science and Technology*, 20, 97-104.

Mašić, E., **Žero, S.**, Barudanović, S., Memić, M. (2018). Effect of heavy metals on phytobenthos assemblages in mine pit lakes of Bosnia and Herzegovina. *Biologica Nyssana*, 9(2), 103-118. DOI: 15.5281/zenodo.2538602

Nesimović, E., Huremović, J., Gojak-Salimović, S., Avdić, N., **Žero, S.**, Nesimović, E. (2017) Chemical Characterisation of the Spring Waters used for Health Care, Guber, Srebrenica, Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 49: 43-48.

**Žero, S.**, Huremović, J., Memić, M., Muhić-Šarac, T. (2017) Determination of total and bioaccessible metals in airborne particulate matter from an urban and a rural area at Sarajevo. *Toxicological & Environmental Chemistry*, 99:4, 641-651. DOI:10.1080/02772248.2016.1207173

Huremović, J., Muhić-Šarac, T., Memić, M., **Žero, S.**, Selović, A. (2015) Multi-element and rare earth element composition of soil and lichen from Sarajevo, Bosnia and Herzegovina. *Ekoloji*, 24 (97):36-44. doi: 10.5053/ekoloji.2015.10

Memić, M., Mahić, D., **Žero, S.**, Muhić-Šarac, T. (2014) Comparasion of different digestion methods of green and black tea at the Sarajevo market for the determination of the heavy metal content. *Journal of Food and Measurement and Characterization*, 8 (2): 149-154. <https://doi.org/10.1007/s11694-014-9175-6>

Razanica, A., Huremovic, J., **Zero S.**, Gojak-Salimovic S., Memic, M. (2014) Heavy metals in street dust in Sarajevo area, Bosnia and Herzegovina. *Current World Environment*, 9 (1): 43-47. <http://dx.doi.org/10.12944/CWE.9.1.06>

Olovčić, A., Memić, M., **Žero S.**, Huremović, J., Kahrović, E. (2014) Chemical analysis of iron slags and metallic artefacts from early iron age. *International Research Journal of Pure & Applied Chemistry*, 4 (6): 859-870,. <https://doi.org/10.9734/IRJPAC/2014/12248>

Bećiragić S., Huremović J., Muhić-Šarac T., Memić M., Selović A., **Žero S.** (2013) Metal levels in surface soils after different extraction procedures. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 41: 1-5.

Nesimović E., Huremović J., Muhić-Šarac T., **Žero S.** (2013) Sadržaj teških metala u duhanu cigareta sa sarajevskog tržišta. Radovi poljoprivredno prehrambenog fakulteta Univerziteta u Sarajevu, God. LVIII, 63/1, 135-141. (professional paper)

## Proceedings

Etminan, A., Uzunović, A., Topčagić, A., **Žero, S.**, Dizdar, M., Klepo, L., Čulum, D., Džudžević-Čančar, H., Tahirović, I. (2019) Quantification of Active Substances in Some Drugs Using by Derivative UV/Vis spectroscopy In: Badnjević A., Škrbić R., Gurbeta Pokvić L. (eds) CMBEBIH 2019. CMBEBIH 2019. IFMBE Proceedings, vol 73. Springer, Cham, [https://doi.org/10.1007/978-3-030-17971-7\\_83](https://doi.org/10.1007/978-3-030-17971-7_83)

Kevilj-Olovčić, A., Olovčić, A., Huremović, J., **Žero, S.** (2018) Water Quality of the Bosna River. Kemija u industriji, 67:13 (special issue), P119-P126 <https://doi.org/10.15255/KUI.2018.018>

Samek, L., Civici, N., Radic, R., Huremovic, J., Segar, K., Osan, J., Talbot, A., Novosel, P., Balan, V., Almeida, S. M. L., Onjia, A., Oztas Saraykoy, N. B., Bernatonis, M., **Zero, S.**, Zwozdziak, A., Rodriguez y Baena, A. M., Markowicz, A. (2012) Supporting Air Quality Management in Eastern and Southern Europe: First Data on Atmospheric Particulate Matter Characterization from the IAEA TC Project RER/2/005, European Conference on X-Ray Spectrometry, EXRS 2012, 18–22 June 2012, Vienna, Austria

## Papers presented at scientific/professional conferences

Halilović Dž., **Žero S.**, Ramić E., Huremović J., Mašić E., Buljubašić F. (2022) Biomonitoring of Heavy Metals Using Lichens, Mosses and Conifer Needles in Different Sarajevo Areas (Bosnia and Herzegovina), Book of Abstracts BioMAP9, 3-5 October 2022 Naples, pp. 65, Short communication

Ramić E., Huremović J., **Žero S.** (2022) Biomonitoring of Air Pollution Using Moss Hypnum Cupressiforme Hedw.: Case Study in Bosnia and Herzegovina, Book of Abstracts BioMAP9, 3-5 October 2022 Naples, pp. 70, Short communication

Caluk Klacar, L., Cetkovic, T., Haveric, A., Softic, A., Haracic, L., **Zero, S.**, Haveric, S. (2022) Genotoxicity of ambient PM10 at an urban site in Sarajevo, Bosnia and Herzegovina – assessment by comet assay in peripheral blood mononuclear cells. 14th International Comet Assay Workshop (ICAW) & 50th meeting of the European Environmental Mutagen and Genomics Society (EEMGS), Maastricht, The Netherlands, May 23rd – 26th. Book of abstracts, p. 71, may 2022.

Boškailo, E., Džudžević-Čančar, H., Dedić, A., Alispahić, A., Boškailo, A., **Žero, S.** (2022) Evaluation of Mineral Composition in Wild-Growing Clinopodium nepeta (L.) Kuntze using Atomic Absorption Spectrometry, PP-CNP-15, pp. 87, Book of Abstracts Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo

Sulejmanović, J., Kojčin, M., Kubatlija, J., Karadža, A., **Žero, S.**, Zahirović, A. (2022) Adsorption of Eriochrome Black T (EBT) and Methylene Blue (MB) Dyes using Pulverized Pomegranate Peel as Biosorbent – Characterization and Optimization, PP-ENC-08, pp. 108, Book of Abstracts Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo



Ramić, E., **Žero, S.** (2022) Determination of Heavy Metals in Wastewater from Metal Industry, PP-ENC-15, pp. 115, Book of Abstracts Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo

Ramić, E., Huremović, J., **Žero, S.** (2022) Estimation of Cd, Cr, Cu, and Ni Atmospheric Deposition by Moss Biomonitoring in the Region of Prokoško Lake, PP-ENC-12, pp. 112, Book of Abstracts Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo

Borović, A., **Žero, S.**, Huremović, J., Mašić, E., Ramić, E. (2022) Biomonitoring of Metal Levels by Using Conifer Needles and Moss in Bosnian-Podrinje Canton, BiH, PP-ENC-21, pp. 121, Book of Abstracts Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo

Sivro, A., **Žero, S.**, Huremović, J., Ostojić, J., Ajanović, A. (2022) The Content of Essential and Toxic Metals in Sesame, Flax, and Black Cumin Seeds, PP-FC-01, pp. 127, Book of Abstracts Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo

Ramić E., Huremović J., **Žero S.** (2022) Moss and Lichen as Bioindicators of Air Pollution with Cd, Cr, Cu and Pb in Urban Area of Sarajevo, XIV. susret mladih kemijskih inženjera, Zagreb 24. i 25. veljače 2022. (poster prezentacija), Knjiga sažetaka, p. 133

Islamagic, E., Haskovic, E., Marjanovic, M., **Zero, S.**, Muhic-Sarac, T. (2021). Heavy metals from the aquatic environment change the activity of organ-specific enzymes: an example of the brown trout. In FEBS OPEN BIO (Vol. 11, pp. 368-368). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.

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