

1. Ljubijankić, N., **Begić, S.**, Jadranin, M., Kazlagić, N., Ljubijankić, S. (2018) Synthesis and characterization of tetramethylammoniumdichlorobis(*N*-ethyl-salicylideneiminato-*O,N*) ruthenate (III), XII International Conference of Chemists, technologists and environmentalists of the Republic of Srpska, Teslić, BiH 2-3 November, The Book of Abstracts, p 18.
2. Ljubijankić, N., Kazlagić, A., Salihbegović, A., **Begić, S.**, Kadić, S., Špirtović-Halilović, S. (2018) Synthesis, Characterization and Biological Properties of Novel Ru(III) and Fe(III) Complexes with Thiosemicarbazide-based Ligands, 3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 19 – 21 October, Book of Abstracts, p. 47.
3. Ljubijankić, N., Markotić, E., Granzov, I., Šuta, E., **Begić, S.**, Ljubijankić, S. (2018) Synthesis and Characterization of New Ru(III) and Fe(III) Complexes with Schiff Bases Derived from Substituted Salicyldehydes and Alkylamines, 3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 19 – 21 October, Book of Abstracts, p. 48.
4. Ljubijankić, N., Šuta, E., Ćatić, A., **Begić, S.**, Ljubijankić, S. (2018) Synthesis and Characterization of New Ru(III) Complexes with Schiff Bases derived from Salicyldehydes and Halogen Derivatives of Aniline. 3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 19 – 21 October, Book of Abstracts, p. 49.
5. Gojak-Salimović, S., Osmić, E., Ljubijankić, N., Begić, S. (2018) The Effect of Ru(III) Complexes with N-phenyl-5-X-salicylideneimine and Indazole on the Briggs-Rauscher Oscillating Reaction. 3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 19 – 21 October, Book of Abstracts, p. 50.
6. Kadić, S., Ljubijankić, N., **Begić, S.**, Kazlagić, N., Ljubijankić, S. (2018) Ecology in elementary school. 6th International Scientific Conference „June 5th – World Environment Day“, Bihać, BiH, 18-19 June, Book of Abstracts, p. 64.
7. Kazlagić, A., Ljubijankić, S., Kadić, S., **Begić, S.**, Ljubijankić, N. (2018) Properties and Ecotoxicology of Phosphorus. 6th International Scientific Conference „June 5th – World Environment Day“, Bihać, BiH, 18-19 June, Book of Abstracts, p. 65.
8. **Begić, S.**, Ljubijankić, N., (2017) Zbrinjavanje hemijskog otpada u studentskim laboratorijama. Peti naučno-stručni skup sa međunarodnim učešćem "5. juni – Svjetski dan zaštite okoliša", Bihać, BiH, 29. i 30. Juni. Zbornik sažetaka p. 58.
9. Ljubijankić, N., Cipurković A., **Begić, S.**, Horozić, E., Ljubijankić, S., (2017) Osobine i ekotoksikologija kadmija. Peti naučno-stručni skup sa međunarodnim učešćem "5. juni - Svjetski dan zaštite okoliša" Bihać, BiH, 29. i 30. Juni. Zbornik sažetaka p. 22.
10. Ljubijankić, N., **Begić, S.**, Ljubović-Dedeić, A., Salimović-Bešić, I., Jadranin, M., Bencun, B., Zukić, M., (2016) Antimicrobial Activity of Ruthenium(III) Complex with N-phenyl-5-nitro-salicylideneimine. 2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH, 21-23 October, Book of Abstracts, Book of Abstracts, p.80.
11. Ljubijankić, N., Tešević, V., Grgurić-Šipka, S., Jadranin, M., **Begić S.**, Buljubašić, L., Markotić, E., Ljubijankić, S., (2016) Synthesis and Characterization of Ru(III) Complexes with Thiosemicarbazide-based Ligands. 2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH, 21-23 October, Book of Abstracts, p.82.
12. **Begić, S.**, Ljubijankić, N., (2016) Synthesis and Characterization of Novel Neutral Complex Compounds Ru(III) with Schiff Bases and N-heterocycles 2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH, 21-23 October, Book of Abstracts, p.87.

13. Sulejmanović J., Memić M., **Begić S.** (2016) Silica Gel-Molybdenum(VI) Oxide as a New Sorbent for Solid Phase Extraction of Cd(II), Cu(II), Mn(II) and Pb(II). *2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, Sarajevo, BiH, 21-23 October, Book of Abstracts, p.35.
14. Abdić Š., Memić M., Sulejmanović J., **Begić S.** (2016) Untreated Tangerina Peel (*Citrus reticulata*) as Biosorbent for the Removal of Cd(II), Cu(II), Pb(II) and Zn(II) from Aqueous Solutions. *2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, Sarajevo, BiH, 21-23 October, Book of Abstracts, p.34
15. Zahirović, A., **Begić-Hairlahović, S.**, Ljubijankić, N., Turkušić, E., Kahrović, E. (2013) The Spectroscopic characterization of some Ru(III) complexes with Schiff bases derived from salicylaldehyde and investigation of interaction with CT DNA. *International Turkish Congress on Molecular Spectroscopy*, Istanbul, Turkey, September 15-20, Book of Abstracts, Applied Spectroscopies – P7, p. 88.
16. Kahrović, E., Turkušić, E., Ljubijankić, N., **Begić, S.**, Dugandžić, V., Zahirović, E. (2012) The Spectroscopic Investigations of a Ruthenium Schiff Base Complex with CT DNA. *40 International Congress on Coordination Chemistry*, Valencia, Spain, September 9-13.
17. Kahrović, E., Dehari, S., Dehari, D., Jusufi, S., Reci, H, **Begić, S.**, Ljubijankić, N. (2009) Ruthenium (III) complexes with bidentate Schiff bases. Preliminary interaction of Tetraethylamoniumdichloro-bis[N-phenyl-4-bromo-salicylideneiminato-N,O]ruthenat(III) with DNA. *14th International Conference on Biological Inorganic Chemistry*, Nagoya, Japan, July 25-30, (J Biol Inorg Chem 14 (Suppl 1):S175-S184).
18. Kalcher, K., Kotzian, P, **Begić, S.**, Turkušić, E., Vytras, K. (2008) Heterogenous Carbon Electrodes. *12th International Conference on Electroanalysis*, ESEAC 2008 Prague, June 16-19.
19. Bajsman, A., Malić, M, Kahrović, E., **Begić, S.**, Konjhodžić – Prcić, A., Turkušić, E., Kalcher, K. (2008) Electrochemical analysis of corrosion behaviour of dental amalgams. *12th International Conference on Electroanalysis*, ESEAC 2008, Prague, June 16-19.
20. Turkušić, E., **Begić, S.**, Kahrović, E., Waryo, T.T., Kalcher, K. (2007) Iron oxide FeO as mediator for the amperometric determination of hydrogen peroxide, *The Sixth Princess Chulabhorn International Science Congress*, November 25-29, Bangkok, Thailand.
21. Kahrović, E., **Begić, S.** (2007) Ru(III)-Acetonitrile adduct as potential anticancer: Synthesis, spectral characterisation and DNA binding. *13th International Conference on Biological Inorganic Chemistry*, Vienna, Austria, July 15-20 (J Biol Inorg Chem 12 (Suppl 1):S233–S240 DOI 10.1007/s00775).
22. Kahrović, E., **Begić, S.**, Karavdić, V., Proha, N., Torlak, E. (2006). Assisted ligation of RuCl₃, with acetonitrile in the presence of dimetylacetamide and dimethylformamide. *37th International Conference on Coordination Chemistry*, 13-18th July, Cape Town, South Africa.
23. **Begić, S.**, Waryo, T.T., Turkušić, E., Kahrović, E., Vytrás, Kalcher, K. (2006) Iron (II) oxide Modified Screen-printed carbon Electrode Sensor. *13th Young Investigators Seminar On Analytical Chemistry*, July 5-8th Zagreb, Croatia.
24. Kalcher, K., Turkušić, E., Vytrás, K., **Begić, S.**, Kotzian, P., Waryo T.T. (2005) Heterogeneous Carbon Sensors and Biosensors. *The 6th East Asia Conference on Chemical sensors EACCS-6*, Nov. 6-9, Guilin, China, Tsinghua University.
25. Waryo, T. T., **Begić, S.**, Turkušić, E., Vytrás, K. and Kalcher, K. (2005) Fe₃O₄ modified carbon as H₂O₂ transducer for amperometric biosensors. *8th Symposium on Instrumental Analysis*, September 25-28, 2005, Graz, Austria.

26. Kalcher, K., Waryo, T., **Begić, S.**, Turkušić, E., Vytřas, K. and Kotzian, P. (2005) Amperometric sensors and biosensors based on heterogenous carbon electrodes modified with metal oxides. *8th Symposium on Instrumental Analysis*, September 25-28, Graz, Austria.
27. **Begić, S.**, Turkušić, E., Waryo, T.T., Kahrović, E., Vytřas, K. and Kalcher, K. (2005) Some metal oxides as mediator for the amperometric determination of hydrogen peroxide. *12th Young Investigators` Seminar on Analytical Chemistry* July 5 – July 10, Sarajevo, Bosnia and Herzegovina.
28. **Begić, S.**, Waryo, T.T., Turkušić, E. and Kalcher, K. (2004) Iron Oxide Fe_3O_4 as a Mediator for the Amperometric Determination of Hydrogen Peroxide. *11th Young Investigators` Seminar on Analytical Chemistry*, June 30-July 3, Karl-Franzens University, Graz, Austria.
29. Turkušić, E., Kahrović, E., Sofić, E., **Begić, S.** and Kalcher, K. (2003) Amperometric determination of glutamate with nafion film immobilized glutamate oxidase and manganese dioxide bulk-modified screen printed electrode. *Annual Meeting of the International Society of Electrochemistry (ISE)*, August 31-September 5, São Paulo, Brasil.