

PUBLIKACIJE U NAUČNIM ČASOPISIMA

Radovi indeksirani u Web of Science

1. Zahirović, Adnan, Irnesa Osmanković, **Emir Turkušić** and Emira Kahrović. „Improved method for spectrophotometric determination of ruthenium using 1, 10-phenanthroline: application for analysis of complex compounds.“ *Analytical Methods*, 10(42) (2018): 5078-5083.
2. Kahrović, Emira, Adnan Zahirović, Aleksandar Višnjevac, Irnesa Osmanković, **Emir Turkušić** and Harun Kurtagić. „Chalcone and Flavonol Copper(II) Complexes Containing Schiff Base Co-Ligand: Synthesis, Crystal Structures and Catecholase-like Activity.“ *Croatica Chemica Acta*, 91(2), (2018): 1-13.
3. Zahirović, Adnan, Emira Kahrović, Marina Cindrić, Sandra Kraljević Pavelić, Mirsada Hukić, Anja Harej, and **Emir Turkušić**. "Heteroleptic ruthenium bioflavonoid complexes: From synthesis to in vitro biological activity." *Journal of Coordination Chemistry* 70, no. 24 (2017): 4030-4053.
4. **Turkušić, Emir**, Safeta Redžić, Emira Kahrović, and Adnan Zahirović. "Electrochemical Determination of Adrenaline at Ru (III) Schiff Base Complex Modified Carbon Electrodes." *Croatica Chemica Acta* 90, no. 2 (2017): 1-8.
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8. Pazalja, Mirha, Emira Kahrović, Adnan Zahirović, and **Emir Turkušić**. "Electrochemical sensor for determination of L-cysteine based on carbon electrodes modified with Ru (III) Schiff base complex, carbon nanotubes and Nafion." *Int. J. Electrochem. Sci* 11 (2016): 10939-52.
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#### PUBLIKACIJE NA NAUČNIM KONFERENCIJAMA

##### Svjetske i međunarodne konferencije

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2. Aleksandar Višnjevac, Adnan Zahirović, Inesa Osmanković, **Emir Turkušić**, Emira Kahrović: *Crystal structures and bioactivity studies of four novel chalcone and flavonol copper(II) complexes containing Schiff base co-ligand*. 31st European Crystallographic Meeting, Oviedo, Spain, Aug. 22nd to 27th, 2018 (poster).
3. Adnan Zahirović, Emira Kahrović, Marina Cindrić, **Emir Turkušić**, Inesa Svraka. *Synthetic Approaches to First Ruthenium – Quercetin Complexes: Insight into Design, Reactivity towards CT DNA and Antioxidant Activity*. 13th European Biological Inorganic Chemistry Conference, Budapest, Hungary, August 28 – September 01 2016, Book of Abstracts, p. 301 (P148).
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Regionalne i domaće konferencije

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2. Sabina Begić-Hairlahović, Emira Kahrović and **Emir Turkušić**, *Synthesis and characterization of novel cationic complexes Ru(III) with N-heterocycles and Schiff base derived from salicylaldehyde*, Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, Sarajevo, Bosnia and Herzegovina, 10-12 October 2014, Book of Abstracts, p.88.
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4. **Emir Turkušić**, Emira Kahrović, Nevzeta Ljubijankić, Adnan Zahirović, *Hemijski senzori i biosenzori u kontroli i zaštiti okoliša i zdravlja*, Drugi naučno-stručni skup sa međunarodni učešćem "5. juni - Svjetski dan zaštite okoliša", Bihać, Bosna i Hercegovina, 4 - 5 juni 2014, Zbornik sažetaka, p. 36.
5. Adnan Zahirovic, Ilda Graca, **Emir Turkusic**, Emira Kahrovic, *Synthesis and characterization of new ruthenium (III) complex with tridentate dibasic Schiff base*, X Meeting of Young Chemical Engineers, Zagreb, Croatia, 20 – 21 February 2014, oral presentation, Book of Abstracts, p. 56.
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