

## Curriculum Vitae

**Željka Nikolić, PhD Student, Research Assistant**

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### EDUCATION

**B.Sc.** Faculty of Chemistry, University of Belgrade, Republic of Serbia, 2013,

**M.Sc.** Faculty of Tehnology and Metallurgy, University of Belgrade, Republic of Serbia, 2019 in the area of environmental chemistry. Thesis: "Trace analysis of selected pesticides and drugs in surface water and groundwater").

**Ph.D.** Faculty of Tehnology and Metallurgy, University of Belgrade, Republic of Serbia, from 2016 till today.

### PROFESSIONAL EXPERIENCE

**2014–2019:** assistant, Laboratory of Physical Chemistry, Vinča Institute of nuclear sciences; University of Belgrade, Republic of Serbia

**2019-now** Research Assistant (2019), Institute of General and Physical Chemistry, Belgrade, Republic of Serbia,

### PROJECTS

**2016 –2020** "Testing and verification of methods for multidisciplinary forensic analysis in the function of non-proliferation of weapons of mass destruction", Ministry for Science, Technology and Development of Serbia No.TR 37021.

**Language:** English

**Research field and area:** Environmental chemistry

### THE MOST RELEVANT PUBLICATIONS:

1. Danka D. Acimovic, **Željka M. Nikolic**, Milos S. Tomic, Dubravka S. Milovanovic, Vladimir M. Nikolic, Tanja P. Brdaric, Milica P. Marceta-Kaninski, Validation and uncertainty estimation of UPLC-PDA method for the analysis of polycyclic aromatic hydrocarbons in concrete, Journal of Hazardous Materials Volume 325, (2017) 271–278. <https://doi.org/10.1016/j.jhazmat.2016.12.008>
2. Vladimir M. Nikolić, Slavko D. Karić, **Željka M. Nikolić**, Miloš S. Tošić, Gvozden S. Tasić, Dubravka M. Milovanović, Milica P. Marčeta Kaninski, Novel photochemical advanced oxidation process for the removal of polycyclic aromatic hydrocarbons from polluted concrete Volume 312, (2017) 99-105, DOI: 10.1016/j.cej.2016.11.117
3. Danka D. Acimović, Slavko D. Karić, **Željka M. Nikolić**, Tanja P. Brdarić, Gvozden S. Tasić, Milica P. Marčeta Kaninski, Vladimir M. Nikolić, Electrochemical oxidation of the polycyclic aromatic hydrocarbons in polluted concrete of the residential buildings, Environmental Pollution 220 (2016) 393-399, <http://dx.doi.org/10.1016/j.envpol.2016.09.075>
4. Branislava G. Savić, Ivana J. Mihajlović, Slobodan M. Milutinović, Mina M. Seović, **Željka M. Nikolić**, Miloš S. Tošić, Tanja P. Brdarić, Validation and uncertainty estimation of an analytical method for the determination of phenolic compounds in concrete, J. Serb. Chem. Soc. 84 (2018) 55-68, <https://doi.org/10.2298/JSC180518106S>