

Curriculum Vitae

Maja Milojević-Rakić, PhD

Assistant professor at the Faculty of Physical Chemistry, University of Belgrade, Serbia.

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Born: 23 July, 1982 Smederevo, Serbia.

Citizenship: Serbian

- **Education:** PhD thesis: "Pesticide adsorption on zeolites, polyaniline and their composites" in Physical Chemistry at Faculty of Physical Chemistry, University of Belgrade, Serbia, February 2014.
 - Bachelor of Science in Physical Chemistry at Faculty of Physical Chemistry University of Belgrade, Serbia, November 2005.

Languages: English, fluent (spoken and written).

Employment: 2016 - Assistant professor at the Faculty of Physical Chemistry, University of Belgrade, Serbia.

2006 – 2016. Teaching assistant at the Faculty of Physical Chemistry, University of Belgrade.

2006 – 2010. Researcher on the project "Structural modifications and reactions of microporous and mesoporous materials". Grant No. OI 142055 Ministry of Science and Environmental Protection of the Republic of Serbia.

2011 – 2018. Researcher on the project "Porous, oxide-based materials in the environment protection from genotoxic substances". Grant No. OI 172018 Ministry of Education, Science and Technological Development of Republic of Serbia.

2011 – 2018. Researcher on the project "Electroconducting and redox-active polymers and oligomers: Synthesis, structure, properties and applications". Grant No. OI 172043 Ministry of Education, Science and Technological Development of Republic of Serbia.

2014 – 2018. Researcher on the project SCOPES (Scientific Cooperation between Eastern Europe and Switzerland) – Project No IZ73ZO_152457 "Conducting polymers synthesized by enzymatic polymerization".

Research interest: Chemical Kinetics and Catalysis, Adsorption of toxic compounds, Zeolites, Conducting polymers, Temperature-Programmed Desorption Studies

Scientific SocietyMember of Serbian Chemical Society, Serbian Society of PhysicalAffiliations:Chemistry and Zeolite Society of Serbia

TeachingPhysical Chemistry, Faculty of Biology, University of BelgradeIntroduction to Environmental Physical Chemistry, Catalysis, Selected
Chapters of Environmental Physical Chemistry and Physico-chemical aspects
of Material Science at Faculty of Physical Chemistry, University of Belgrade

Selected1.D. Bajuk-Bogdanović, A. Jović, B. Nedić Vasiljević, M. Milojević-Rakić, M.publicationsKragović, D. Krajišnik, I. Holclajtner-Antunović, V. Dondur, 12-Tungsto-
phosphoric acid/BEA zeolite composites – Characterization and
application for pesticide removal, Materials Science & amp; Engineering
B 225C (2017) 60-67.

- A. Jović, D. Bajuk-Bogdanović, B. Nedić Vasiljević, <u>M. Milojević-Rakić</u>, D. Krajišnik, V. Dondur, A. Popa, S. Uskoković-Marković, I. Holclajtner-Antunović, Synthesis and characterization of 12-phosphotungstic acid supported on BEA zeolite. Materials Chemistry and Physics 186 (2017) 430-437.
- S. Luginbühl, <u>M. Milojević-Rakić</u>, K. Junker, D. Bajuk-Bogdanović, I. Pašti, R. Kissner, G. Ćirić-Marjanović, P. Walde, The Influence of Anionic Vesicles on the Oligomerization of p-aminodiphenylamine Catalyzed by Horseradish Peroxidase and Hydrogen Peroxide, Synthetic Metals 226 (2017) 89-103.
- D. Krajišnik, A. Daković, A. Malenović, <u>M. Milojević</u>, V. Dondur, Ž. Radulović, J. Milić. Investigation of adsorption and release of diclofenac sodium by modified zeolites composites. Applied Clay Science, 83–84 (2013) 322-326.
- M. Milojević-Rakić, A. Janošević, J. Krstić, B. Nedić Vasiljević, V. Dondur, G. Ćirić-Marjanović, Polyaniline and its composites with zeolite ZSM-5 for efficient removal of glyphosate from aqueous solution, Microporous & amp; Mesoporous Materials, 180 (2013) 141-155.
- D. Krajišnik, A. Daković, <u>M. Milojević</u>, A. Malenović, M. Kragović, D. Bajuk-Bogdanović, V. Dondur, J. Milić, Properties of diclofenac sodium sorption onto natural zeolite modified with cetylpyridinium chloride, Colloids and Surfaces B:Biointerfaces, 83(1) (2011) 165-172.
- Ćirić-Marjanović, V. Dondur, <u>M. Milojević</u>, M. Mojović, S. Mentus, A. Radulović, Z.Vuković, J. Stejskal, Synthesis and Characterization of Conducting Self-Assembled Polyaniline Nanotubes/Zeolite Nanocomposite, Langmuir, 25(5) (2009) 3122-3131.