Curriculum Vitae

Jelena Senćanski, Research Associate
(ORCID ID: https://orcid.org/0000-0002-2020-0435)
Born: 25.09.1983
E mail: jelenasencanski@gmail.com
Phone: 064/24 23 769

EDUCATION
- Ph.D. - 2010-2017 Faculty of Physical Chemistry, University of Belgrade, Serbia
- Master - 2009-2010, Faculty of Physical Chemistry, University of Belgrade, Serbia
- Bachelor – 2002 -2009, Faculty of Physical Chemistry, University of Belgrade, Serbia

PROFESSIONAL EXPERIENCE

Institute of General and Physical Chemistry - Belgrade, Serbia (Studentski Trg 12/V)
- 2018 - present: Research Associate
- 2011 - 2018: Associate researcher
- 2010 – 2011: Graduate researcher

PROJECTS
- 45014: Lithium-ion batteries and fuel cells (research and development)

Languages: English B2, Russian A2, Serbian - Native

Research fields and areas: Recycling Li-ion batteries, synthesis of cathode material for aqueous Zn-ion batteries, atomic absorption spectrometry, access databases

SELECTED PUBLICATIONS

Sencanski, Jelena, Nenad Nikolić, Zoran Nedić, Jelena Maksimović, Stevan Blagojević, and Maja Pagnacco. "Natural Pigment from Madder Plant as an Eco-Friendly Cathode Material for Aqueous Li and Na-Ion Batteries." *Journal of The Electrochemical Society* 168, no. 10 (2021): 100535.

Senćanski, Jelena V., Milica J. Vujković, and Ivana B. Stojković-Simatović. "The electrochemical behaviour of re-synthesized cathode material from spent Li-ion batteries in an organic electrolyte." *Tehnika* 73, no. 2 (2018): 181-185.

Sarap, Nataša, Jelena Senćanski, Maja C. Pagnacco, Marija M. Janković, Dragana Todorović, and Divna M. Majstorović. "Radioactivity level and concentration of metals in waters around power plants application of potential method for pollution assessment." Nuclear Technology and Radiation Protection 33, no. 1 (2018): 117-124.

Stanisavljević, Nemanja, Jelena Savić, Živko Jovanović, Jovanka Miljuš-Đukić, Jelena Senćanski, Mladen Simonović, Svetlana Radović, Dragan Vinterhalter, and Branka Vinterhalter. "Fingerprinting of the antioxidant status in Alyssum markgrafii shoots during nickel hyperaccumulation in vitro." *Acta Physiologiae Plantarum* 40, no. 6 (2018): 1-10.

Senćanski, Jelena, Milica Vujković, Ivana B. Stojković, Divna Majstorović, Danica Bajuk-Bogdanović, Ferenc Pastor, and Slavko Mentus. "Recycling of $LiCo_{0.59}$ $Mn_{0.26}$ $Ni_{0.15}O_2$ cathodic material from spent Li-ion batteries by the method of the citrate gel combustion." *Hemijska industrija* 71, no. 3 (2017): 211-220.

Senćanski, Jelena, Danica Bajuk-Bogdanović, Divna Majstorović, Elena Tchernychova, Jelena Papan, and Milica Vujković. "The synthesis of Li (CoMnNi) O_2 cathode material from spent-Li ion batteries and the proof of its functionality in aqueous lithium and sodium electrolytic solutions." *Journal of Power Sources* 342 (2017): 690-703.