

Curriculum vitae

Personal information



Miloš Milović

📍 Knez-Mihailova 35/IV, P.O.BOX 377 11000 Belgrade (Serbia)

📞 +381 11 2636 994 📞 +381 64 4411 447

@ milos.milovic@itn.sanu.ac.rs

Sex: **Male** | Date of birth: **23/11/1987** | Nationality: **Serbian**

Education and training

Nov 2011–Jun 2016

PhD in Physical Chem. University of Belgrade (Grade point average: 9.71 out of 10)

Oct 2010–Nov 2011

MSc in Physical Chem. University of Belgrade (Grade point average: 9.60 out of 10)

Oct 2006–Nov 2010

BSc in Physical Chem. University of Belgrade (Grade point average: 9.84 out of 10)

Work experience

Dec 2011–Present

Institute of Technical Sciences of the Serbian Academy of Sciences and Arts
Knez Mihailova 35/IV, P.O.BOX 377 Belgrade (Serbia)

Research field:

Cathode materials, lithium-ion batteries, chemical power sources, crystallography, solid state chemistry

Appointments:

Mar 2017–Present

-Research Associate

Jun 2013–Mar 2017

-Research Assistant

Dec 2011–Jun 2013

-Research Trainee

Projects:

Dec 2011–Present

-National project no. 45004 "Molecular design of nanoparticles of controlled morphological and physicochemical characteristics and functional materials on their basis", participant

Jun 2018–Present

-Bilateral project "Development of novel materials for alkaline-ion batteries" with the National Institute of Chemistry, Ljubljana (Slovenia), participant

Honours and awards

2018

-Award for the best poster presentation on 3rd International Symposium on Materials for Energy Storage and Conversion mESC-IS 2018, Belgrade, Serbia, September 10-12th, 2018

2018

-Scholarship of the International Union of Crystallography (IUCr) for the participation in the XXV Conference of the Serbian Crystallographic Society

2014

-Scholarship of the International Union of Crystallography (IUCr) for the participation in the XXV Conference of the Serbian Crystallographic Society

2012

-Award for the best poster presentation on 3rd International Symposium on Materials for Energy Storage and Conversion mESC-IS 2018, Belgrade, Serbia, September 10-12th, 2018

Curriculum vitae

Selected papers:

1. **Miloš Milović**, Dragana Jugović, Nikola Cvjetičanin, Dragan Uskoković, Aleksandar S. Milošević, Zoran S. Popović, Filip R. Vukajlović, *Crystal structure analysis and first principle investigation of F doping in LiFePO₄*, Journal of Power Sources 241 (2013) 70-79, <http://dx.doi.org/10.1016/j.jpowsour.2013.04.109>
2. Dragana Jugović, Miodrag Mitrić, **Miloš Milović**, Bojan Jokić, Marija Vukomanović, Danilo Suvorov, Dragan Uskoković, *Properties of quenched LiFePO₄/C powder obtained via cellulose matrix-assisted method*, Powder Technology 246 (2013) 539-544, <http://dx.doi.org/10.1016/j.powtec.2013.06.021>
3. Dragana Jugović, **Miloš Milović**, Valentin N. Ivanovski, Max Avdeev, Robert Dominko, Bojan Jokić, Dragan Uskoković, *Structural study of monoclinic Li₂FeSiO₄ by X-ray diffraction and Mössbauer spectroscopy*, Journal of Power Sources 265 (2014) 75-80, <http://dx.doi.org/10.1016/j.jpowsour.2014.04.12>
4. **Miloš Milović**, Dragana Jugović, Miodrag Mitrić, Robert Dominko, Ivana Stojković-Simatović, Bojan Jokić, Dragan Uskoković, *The use of methylcellulose for the synthesis of Li₂FeSiO₄/C composites*, Cellulose 23 (2016) 239-246, <http://dx.doi.org/10.1007/s10570-015-0806-9>
5. Dragana Jugović, Miodrag Mitrić, **Miloš Milović**, Nikola Cvjetičanin, Bojan Jokić, Ana Umičević, Dragan Uskoković, *The influence of fluorine doping on the structural and electrical properties of the LiFePO₄ powder*, Ceramics International 43 (2017) 3224-3230, <http://dx.doi.org/10.1016/j.ceramint.2016.11.149>
6. D. Jugović, **M. Milović**, M. Popović, V. Kusigerski, S. Škapin, Z. Rakočević, M. Mitrić, *Effects of fluorination on the structure, magnetic and electrochemical properties of the P2-type Na_xCoO₂ powder*, Journal of Alloys and Compounds 774 (2019) 30-37, <https://doi.org/10.1016/j.jallcom.2018.09.372>
7. **M.D. Milović**, D.D. Vasić Aničijević, D. Jugović, V.J. Aničijević, L. Veselinović, M. Mitrić, D. Uskoković, *On the presence of antisite defect in monoclinic Li₂FeSiO₄ – A combined X-Ray diffraction and DFT study*, Solid State Science 87 (2019) 81-86. <https://doi.org/10.1016/j.solidstatesciences.2018.11.008>
8. D. Jugović, M. Mitrić, **M. Milović**, Valentin N. Ivanovski, Srečo Škapin, Biljana Dojčinović, Dragan Uskoković, *Structural and electrochemical properties of the Li₂FeP₂O₇/C composite prepared using soluble methylcellulose*, Journal of Alloys and Compounds 786 (2019) 912-919, <https://doi.org/10.1016/j.jallcom.2019.01.39>