Science Fund of the Republic of Serbia

High-capacity electrodes for aqueous rechargeable multivalent-ion batteries and supercapacitors: Next step towards a hybrid model
HiSuperBat

Curriculum Vitae - MILICA VASIĆ

Researcher at Faculty of Physical Chemistry, University of Belgrade, Serbia

Date of birth: March 24, 1987
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EDUCATION

- **2016 (February) -** PhD degree in Physical Chemistry, Faculty of Physical Chemistry, Belgrade University
  PhD Thesis: Crystallization kinetics and microstructural changes of thermally treated iron-based amorphous alloys. Average grade: 9.86
- **2011 (September)** -Master degree in Physical Chemistry, Faculty of Physical Chemistry, Belgrade University
  Master's Thesis: Syntheses, characterization and application of gallic-carbon.
  Average grade: 10.0
- **2010 (October) -** Bachelor degree in Physical Chemistry, Faculty of Physical Chemistry, Belgrade University
  Bachelor's Thesis: Metal oxide electrodes application to electroanalysis.
  Average grade: 9.70
- **2002 - 2006** Ninth Belgrade Gymnasium. Excellent student at Gymnasium

PROFESSIONAL TRAININGS

- Postdoctoral training on materials characterization at Institute of Physics of Materials, Academy of Sciences of the Czech Republic (IPM ASCR), Brno, Czech Republic, October/November 2018
- Short Summer School on Thermal Analysis and Calorimetry, August 28, 2017, Chisinau, Moldova

- Two-day course on JEOL SEM and TEM microscopes, held at University of Belgrade - Faculty of Agriculture, by JEOL S.A.S (Europe) and SCAN d.o.o Slovenia, in Belgrade, December 3-4, 2014
- Three-day course on scanning electron microscopy, held as a part of TEMPUS project aimed at permanent professional development, University of Belgrade – Faculty of Mining and Geology, February 2013.

AWARDS AND GRANTS

- Grant for postdoctoral training abroad given by the Ministry of Education, Science and Technological Development of Serbia in 2018.
- Grant for Young Researchers from Central & Eastern Europe in the field of Thermal Analysis and Calorimetry, given by Central and Eastern European Committee for Thermal Analysis and Calorimetry at CEEC-TAC 4, Chisinau, Moldova, 2017.
- Acknowledgement "Pavle Savić" given by the Society of Physical Chemists of Serbia (2014) for outstanding results during education.
- Special acknowledgement of the Serbian Chemical Society (2011) for outstanding success during education
- Scholarships of the City of Belgrade for talented students in 2009 and 2010.
- Scholarship of the Ministry of Education of the Government of the Republic of Serbia in 2007/08.

WORK EXPERIENCE

- **December 2011. – present** – Researcher at Faculty of Physical Chemistry, Belgrade University.
- **2011. (6 months)**. – Institute of Occupational and Radiological Health, Serbia, Department of Radioecology - measurements of radioactivity in food and environmental samples.

RESEARCH INTERESTS - Materials science, electrochemistry, solid-state transformations, kinetics…

SELECTED PUBLICATIONS

- Milica M. Vasić, Dušan M. Minić, Dragica M. Minić, Thermal stability and phase transformations of multicomponent iron-based amorphous alloys, in: Metallic Glasses, IntechOpen, 2020, pp. 25-44.

- Milica M. Vasić, Tomáš Žák, Nadežda Pizúrová, Pavla Roupcová, Dušan M. Minić, Dragica M. Minić, Thermally induced microstructural transformations and anti-corrosion properties of $Co_{70}Fe_5Si_{10}B_{15}$ amorphous alloy, *Journal of Non-Crystalline Solids* 500 (2018) 326–335
- Milica Vasić, Maria Čebela, Igor Pašti, Luis Amaral, Radmila Hercigonja, Diogo M.F. Santos, Biljana Šljukić, Efficient hydrogen evolution electrocatalysis in alkaline medium using Pd-modified zeolite X, *Electrochimica Acta*, 259 (2018) 882-892.
- Milica M. Vasić, Vladimir A. Blagojević, Nebojša N. Begović, Tomáš Žák, Vladimir B. Pavlović, Dragica M. Minić, Thermally induced crystallization of amorphous $Fe_{40}Ni_{40}P_{14}B_6$ alloy, *Thermochimica Acta* 614 (2015) 129-136
- Milica Vasić, Biljana Šljukić, Gregory G. Widgoose, Richard G. Compton, Adsorption of bismuth ions on graphite chemically modified with gallic acid, *Physical Chemistry Chemical Physics*, 14 (2012) 10027-10031

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https://scholar.google.com/citations?hl=sr&user=IXR84nIAAAAJ&view_op=list_works&gmla=AJsN-F6DesqApdFd2Nxj4jmjKVceVlOstCV4X-DbAcpk-tFzA7c5JRCliGvBTQ6hz9XXY1s9Dw97pkN0fe1hOdvEPJn6PBg4igGPpwknXrkC5Tb4CcCct13NjjQrIYJP0UysQmH3Rb62