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

Personal information

First name(s) / Surname(s)	**Dušan Mladenović**
Address(es)	Studentski trg 12-16, 11158 Belgrade, Serbia
Telephone(s)	/
E-mail	dusan.mladenovic@ffh.bg.ac.rs
Date of birth	02.05.1992.

Work experience

Dates	11.2017.-present
Current position	Junior research assistant
Name and address of employer	Faculty of Physical Chemistry, University of Belgrade, Studentski trg 12-16, Belgrade, Serbia

Education and training

Dates	2017-present
Title of qualification awarded	PhD studies
Name and type of organisation	Faculty of Physical Chemistry, University of Belgrade
Dates	2016-2017
Title of qualification awarded	MSc thesis: "*Ex vivo testing of antioxidant activity of liposomes with encapsulated vitamin C and incorporated vitamin E*". Average grade: 9.75 (out of 10).
Name and type of organisation	Faculty of Physical Chemistry, University of Belgrade
Dates	2011-2016
Title of qualification awarded	BSc thesis: "*Preparation and characterization of fuel cells catalytic layer based on silver in three electrode electrochemical cell with gas working electrode*". Average grade: 8.37 (out of 10)
Name and type of organisation	Faculty of Physical Chemistry, University of Belgrade
Dates	2007-2011
Title of qualification awarded	High school
Name and type of organisation	Medical high school, Vranje, Republic of Serbia

Research activities (September, 2020)

1 scientific paper in the international scientific journals
5 conference papers

Orcid https://orcid.org/0000-0003-4362-7324
Google Scholar https://scholar.google.com/citations?user=VTEamqoAAAAJ&hl=en

Additional activities Member of International Electrochemical Society

Projects

Scientific projects

2020-2022 High-capacity electrodes for aqueous rechargeable multivalent-ion batteries and supercapacitors: next step towards a hybrid model (HISUPERBAT), National project, No. 6062667, funded by the Science Fund of the Republic of Serbia, coordinated by dr Milica Vujković, participant.
2011-2019: "Li-ion batteries and fuel cells: Research and Development", National project, funded by Ministry of Education, Science and Technological Development of the Republic of Serbia, coordinated by prof. Slavko Mentus, participant.

The most relevant publications

1. **D. Mladenović**, M. Vujković, S. Mentus, D.M.F. Santos, R.P. Rocha, C.A. C. Sequeira, J.L. Figueiredo, B. Šljukić, *Carbon-Supported Mo_2C for Oxygen Reduction Reaction Electrocatalysis*, Nanomaterials. 10 (2020). https://doi.org/10.3390/nano10091805.