

Dr Vladimir Dodevski

Vinča Institute of Nuclear Sciences

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| **AREAS OF EXPERTISE** |

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| * Optimization of process parameters for obtaining new active carbon materials of certain structure and porosity
* Synthesis, characterization, application of active carbon and composite materials
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| **EDUCATION** |

* **Ph.D. in technological engineering - engineering of materials,** University of Belgrade, Faculty of Technology and Metallurgy, 2018
* **M.Sc**. **technological engineering - engineering of materials**, University of Belgrade, Faculty of Technology and Metallurgy, 2010

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| **PROFESIONAL EXPERIENCE** |

**Vinca Institute of Nuclear Sciences**

Research Assistant – 2015-2018

Research Assistant – 2012-2015

Research Trainee – 2011-2012

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| **HONORS** |

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| **SUPERVISION OF GRADUATE STUDENTS** |

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| **INVITED TALKS** |

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| **COLLABORATIVE PROJECTS** |

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| **NUMBER OF PUBLICATIONS & CITATIONS** |

* 12 publications in peer reviewed journals.
* Citations without self-citations: 26

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| **LIST OF SELECTED PAPERS** |

[Janković, B.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=11238857600&zone=), **[Dodevski](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=54787561000&zone=" \o "Show author details)**[, V.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=54787561000&zone=" \o "Show author details),[THE COMBUSTION PERFORMANCES AND THERMO-OXIDATIVE DEGRADATION KINETICS OF PLANE TREE SEEDS (PTS) (PLATANUS ORIENTALIS L.)](https://www.scopus.com/record/display.uri?eid=2-s2.0-85047652744&origin=resultslist&sort=plf-f&src=s&sid=1e3bd21f61c35eb3404f73158677dbcf&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2854787561000%29&relpos=0&citeCnt=0&searchTerm=), *Energy,* 154, 2018., 308-318

**V. Dodevski**, M. Stojmenović, M. Vujković, J. Krstić, S. Krstić, D.Bajuk-Bogdanović, B. Kuzmanović, B. Kaluđerović, S. Mentus, COMPLEX INSIGHTINTO THE CHARGE STORAGE BEHAVIOR OF ACTIVE CARBONS OBTAINED BY CARBONIZATIONOF THE PLANE TREE SEED, Electrochim. Acta 222 (2016) 156–171.

**Vladimir Dodevski**, Bojan Janković, Marija Stojmenović, Sanja Krstić, Jasmina Popović, Maja C. Pagnacco, Maja Popović, Snežana Pašalić, PLANE TREE SEED BIOMASS USED FOR PREPARATION OF ACTIVATED CARBONS (AC) DERIVED FROM PYROLYSIS. MODELING THE ACTIVATION PROCESS, Colloids and Surfaces A: Physicochem. Eng. Aspects 522 (2017) 83–96

[Janković, B.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=11238857600&zone=), **[Dodevski, V](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=54787561000&zone=" \o "Show author details)**[.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=54787561000&zone=" \o "Show author details), [Stojmenović, M.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=36912045300&zone=" \o "Show author details), [Krstić, S.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=57189510656&zone=" \o "Show author details), [Popović, J.](https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=56865677300&zone=" \o "Show author details),[Characterization analysis of raw and pyrolyzed plane tree seed (Platanus orientalis L.) samples for its application in carbon capture and storage (CCS) technology](https://www.scopus.com/record/display.uri?eid=2-s2.0-85044390310&origin=resultslist&sort=plf-f&src=s&sid=1e3bd21f61c35eb3404f73158677dbcf&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2854787561000%29&relpos=1&citeCnt=0&searchTerm=),  [Journal of Thermal Analysis and Calorimetry](https://www.scopus.com/sourceid/26983?origin=resultslist) 133, (2018), 465-480

**Vladimir Dodevski**, Branka Kaluđerović, Sanja Krstić, Vuk Spasojević, Snežana Trifunović, Petar Uskoković, Aleksandar Marinković, OPTIMIZATION OF ACTIVE CARBONACEOUS MATERIAL OBTAINED BY LOW HYDROTHERMAL CARBONIZATION OF PLANE TREE SEED WITH H3PO4, Journal of Nano Research 48, (2017), 71-84

M. Stojmenović, M. Vujković, Lj. Matović, J. Krstić, A. Đukić, **V. Dodevski**, S. Živković, S. Mentus, COMPLEX INVESTIGATION OF CHARGE STORAGE BEHAVIOR OF MICROPOROUS CARBON SYNTHESIZED BY ZEOLITE TEMPLATE, *Microporous and Mesoporous materials*, 228, 2016., 94-106