

dr Sanja Krstić

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| **ZVANJE** |

Istraživač saradnik

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| **NAUČNA EKSPERTIZA** |

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| * Optimizacija parametra procesa u procesu sinteze aktivnih ugljeničnih materijala sa poboljšanim svojstvima i primena u zaštiti životne sredine
* Sferični ugljenični materijali, kompozitni ugljenični materijali
 | * Hemijsko inženjerstvo
* Inženjerstvo materijala
* Zaštita životne sredine-ukljanjanje polutanata iz životnog okruženja
* Hemijska kinetika
* Zaštita materijala od korozije
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| **OBRAZOVANJE** |

**Doktor nauka tehnološko inženjerstvo- inženjerstvo materijala,** Univerzitet u Beogradu, Tehnološko-metalurški fakultet, 2018

**Master tehnološko inženjerstvo- hemijsko inženjerstvo,** Univerzitet u Beogradu, Tehnološko-Metalurški fakultet, 2010

XIV beogradska gimnazija, prirodno-matematički smer, 2003

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| **PROFESIONALNO ISKUSTVO** |

**Institut za Nuklearne Nauke “Vinča”, Beograd, Srbija**

Naučni saradnik- u procesu za dobijanje zvanja

Reizbor Istraživač saradnik (2015 - 2018)

Istraživač saradnik (2012 - 2015)

Istraživač pripravnik (2011 - 2012)

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| **LICENCE** |

Savetnik za hemikalije, Br SH.2014.708, 2014.

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| **RAD NA RAČUNARU** |

MS Office, Origin, Matlab, Hint, Design II, Image Pro

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| **DRUGE NAUČNE AKTIVNOSTI** |

Referenca projekta:

Pokrovitelj: “Interhem company“ d.o.o Beograd

Lokacija: Beograd

Od/Do: Jun-Decembar 2017

Pozicija: izvršilac

Projekat : Proizvodnja ekološki prihvatljivih antikorozivnih i drugih pomoćnih

 sredstava za proizvodnju industrijskih premaza

Zadatak: Rad na izvršenju inovacionog projekta

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| **BROJ OBJAVLJENIH RADOVA I CITATA** |

* 9 radova u časopisima sa SCI liste.
* citata bez samocitata: 17

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| **STRANI JEZICI** |

Engleski-B2

Nemački- A2

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| **VOZAČKA DOZVOLA** |

B kategorija

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| **ODABRANI RADOVI** |

**Sanja Krstić**, Milan Kragović, Maja Pagnacco, Vladimir Dodevski, Branka Kaluđerović, Miloš Momčilović, Ivica Ristović and Marija Stojmenović, HYDROTHERMAL SYNTHESIZED AND ALKALINE ACTIVATED CARBONS PREPARED FROM GLUCOSE AND FRUCTOSE-DETAILED CHARACTERIZATION AND TESTING IN HEAVY METALS AND METHYLENE BLUE REMOVAL, Minerals 2018, 8, 246

**Sanja S. Krstić**, Milan M. Kragović, Vladimir M. Dodevski, Aleksandar D. Marinković, Branka V. Kaluđerović, Gregor Žerjav, Albin Pintar, Maja C. Pagnacco, Marija D. Stojmenović, INFLUENCE OF TEMPERATURE AND DIFFERENT HYDROXIDES ON PROPERTIES OF ACTIVATED CARBON PREPARED FROM SACCHAROSE. CHARACTERIZATION, THERMAL DEGRADATION KINETIC AND DYES REMOVAL FROM WATER SOLUTIONS, Science of Sintering, UDK 547.458.2; 665.587

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), [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)**[.](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.

B.V. Kaludjerović, M.S. Trtica, B.B. Radak, J.M. Stašić, **S.S. Krstić Mušović** and V.M. Dodevski, Analysis of the Interaction of Pulsed Laser with Nanoporous Activated Carbon Cloth, J. Mater. Sci. Technol., 2011, 27(11), 979-984.

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.

Milutin Milosavljevic, Ivan Vukicevic, Sasa Drmanic, Jasmina Nikolic, Aleksandar Marinkovic, **Sanja Krstic**, Slobodan Petrovic, Simple one-pot synthesis of thioureas from amines, carbon disulfide and oxidants in water,[Journal of the Serbian Chemical Society](https://www.scopus.com/sourceid/21535?origin=recordpage)Open AccessVolume 81, Issue 3, 2016, Pages 219-231.

**S. Krstic**, B. Kaluđerovic, V. Dodevski, A. Z. Bjelajac, STRUCTURAL PROPERTIES OF CARBON MICROSPHERES OBTAINED BY HYDROTHERMAL TREATMENT OF FRUCTOSE, Zaštita materijala, Vol. LVI, No.2, 2015: 155-159.