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**Obrazovanje:**

- 1977. Mitrovačka gimnazija (bivša Gimnazija Ivo Lola Ribar) Sremska Mitrovica
- 1982. Diplomirani inženjer - Tehnološko-metalurški fakultet Univerziteta u Beogradu
- 1988. Magistar tehničkih nauka - Centar za Multidisciplinarne studije Univerziteta u Beogradu:  
Teza: Faktori stabilnosti titanskih anoda aktiviranih oksidima rutenijuma i iridijuma
- 1994. Doktor tehničkih nauka - Tehnološko-metalurški fakultet Univerziteta u Beogradu  
Disertacija - Zavisnost površinskih osobina staklastog ugljenika od strukture i naknadnog tretmana

**Zvanja:**

- 1984. Istraživač pripravnik
- 1989. Istraživač saradnik
- 1994. Naučni saradnik
- 1997. Viši naučni saradnik
- 2004. Naučni savetnik

**Članstva i funkcije u društvima i uređivačkim odborima časopisa:**

- [Srpsko hemijsko društvo](#) - član Upravnog odbora;  
Predsednik [Elektrohemijske sekcije](#) od 2001. do 2006. godine
- [International Society of Electrochemistry](#) (Nacionalni predstavnik Srbije od 2013. do 2019);  
Ko-predsednik Organizacionog odbora 71<sup>st</sup> Meeting of the International Society of Electrochemistry, 30 August - 4 September, Belgrade, Serbia (<https://annual71.ise-online.org/>)
- [Savez hemijskih inženjera](#), Beograd, Srbija
- [Udruženje inženjera Srbije za koroziju i zaštitu materijala](#) (Počasni član)
- [International Association of Physical Chemists \(IAPC\)](#)
- Član redakcionog odbora i menadžer časopisa [Journal of the Serbian Chemical Society](#) od 1999.
- Član redakcionog odbora Journal of [Electrochemical Science and Engineering](#) od 2011.

- Menadžer časopisa [Hemijska industrija](#) od 2006.

#### Profesionalno iskustvo:

- 1982. – 1983. Istraživačka stanica Petnica, Valjevo
- 1983. – danas IHTM – Centar za elektrohemiju

#### Oblasti interesovanja:

Elektrokatalizatori na bazi metalnih oksida (Aktivirane titanske anode), Superkapacitori, Površinske i elektrohemijske osobine ugljeničnih materijala, površinska karakterizacija materijala AES, XPS, STM, Peer review - unapređenje i analiza procesa naučnog recenziranja

#### Stručne veštine:

AES, XPS, STM CorelDraw, WEB design

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**Znanje jezika:** Engleski

#### Projekti:

##### Međunarodni:

- 1986. – 1990. **Energetski efikasni elektrodni materijali. Sistemi: inertan substrat - aktivirana površina.** Jugoslovensko-američki fond, JFP-676 (DOE). IHTM Centar za elektrohemiju - Case Western Reserve University, Cleveland, Ohio, USA,
- 2004. – 2006. [ECO-PCCM - Eco-Houses Based on Eco-Friendly Polymer Composite Construction Materials](#) - European Commission, Sixth framework Programme
- 2014. – 2018. TD COST Action TD1306 - [New Frontiers of Peer Review](#) (PEERE)
- 2016. – 2017. Bilateralni projekat Srbija-Hrvatska: **Superkondenzatori visoke snage zasnovani na grafen/pseudokapacitivnim materijalima** – rukovodilac projekta sa srpske strane

#### Osnovna istraživanja:

- 1983. - 1995. **Elektrodika, elektrokataliza i elektrohemijska konverzija energije**, Ministarstvo za nauku Republike Srbije
- 1988. – 1991. **Fundamentalna istraživanja površine materijala i elektrohemijskih procesa za nove tehnologije**, Ministarstvo za nauku SFRJ
- 1996. – 2000. **Elektrodika i elektrokataliza**, Ministarstvo za nauku Republike Srbije
- 1996. - 2000. **Razvoj savremenih hemijskih tehnologija i osvajanje proizvodnje deficitarnih materijala koji se primenjuju u baznoj, hemijskoj, metaloprerađivačkoj, naftnoj i drugim industrijama** - Ministarstvo za nauku i tehnologiju Republike Srbije
- 2002. – 2004. **Provodne oksidne prevlake u elektrokatalizi i superkondenzatorima** (izučavanje elektrohemijskih osobina oksidnih elektrodnih prevlaka na različitim nosačima (titan, ugljenični prahovi) dobijenih različitim postupcima baziranim na sol-gel postupku) - Ministarstvo za nauku, tehnologije i razvoj Republike Srbije – rukovodilac projekta
- 2006. – 2010. **Kompozitni materijali na bazi ugljenika, metala i oksida metala u elektrokatalizi i procesima skladištenja energije**, Ministarstvo za nauku, tehnologije i razvoj, Republika Srbija
- 2011. -2019. **Nov pristup dizajniranju materijala za konverziju i skladištenje energije**, Ministarstvo prosvete i nauke, Republika Srbija

#### Ostalo:

- 2019. – 2020. **Upoznaj elektrohemiju**, projekat promocije nauke, Centra za promociju nauke (rukovodilac)

#### Publikacije:

#### Poglavlja u knjigama:

1. **Aleksandar Dekanski** and Jasmina Stevanović, *Interactive Catalytic Performances of Carbonaceous Materials in Electrochemistry* in [Metals and Metal-Based Electrocatalytic Materials for Alternative Energy Sources and Electronics](#), ed. Jasmina Stevanović, Nova Science Publishers, Inc., Hauppauge, NY, USA, 2019, pp. 1-65; ISBN 978-153614663-9, e-ISBN 978-153614664-6
2. **Aleksandar Dekanski**, Metalni oksidi – elektrokatalizatori, in *Uloga teorije u razvoju industrijske katalize*, urednik P. Putanov, Vojvođanska akademija nauka i umetnosti, Radovi, Knjiga XIII, Odeljenje prirodnih nauka, Knjiga I, Novi Sad, 1992.

#### Katalog

1. **Aleksandar Dekanski**, [Meet electrochemistry through Belgrade School of Electrochemistry / Упознај електрохемију кроз Београдску школу електрохемије](#), Katalog izložbe, Institute of Chemistry, Technology and Metallurgy, University of Belgrade, National Institute of the Republic of Serbia, Beograd and Museum of Science and Technology, Belgrade Serbia, Beograd, 2020, ISBN 978-86-82977-82-7

#### Publikovani radovi:

1. Aleksandar Dekanski, Upoznaj elektrohemiju kroz Beogradsku školu elektrohemije, (Prikaz kataloga), *Phlogiston* **28** (2020) 437-442

2. Aleksandar Dekanski, Electrochemistry – A Science that Lives in Belgrade, *Navoj*, **15(1)** (2020) 30-35
3. Jelena Bajat, **Aleksandar Dekanski**, End view of the 71<sup>st</sup> Annual Meeting of the International Society of Electrochemistry, Belgrade Online, *Hemijska Industrija* **74(5)** (2020) <https://doi.org/10.2298/HEMIND201015029B>
4. **Aleksandar Dekanski**, Belgrade School of Electrochemistry, *J. Serb. Chem. Soc.* **85(9)** (2020) 1237-1250 <https://doi.org/10.2298/JSC200905052D>
5. Maciej J. Mrowinski, Agata Fronczak, Piotr Fronczak, Olgica Nedic, **Aleksandar Dekanski** [The hurdles of academic publishing from the perspective of journal editors: a case study](https://doi.org/10.1007/s11192-020-03619-x), *Scientometrics* (2020) <https://doi.org/10.1007/s11192-020-03619-x>
6. Ivana Drvenica, **Aleksandar Dekanski**, Nevena Buđevac, Ivan Umeljić, Olgica Nedić, [Is there a need for systematic education on peer-reviewing in Serbia?](https://doi.org/10.1007/s11192-019-03026-x), *Hemijska Industrija* **73(5)** (2019) 275-279
7. Marcel Ausloos, Olgica Nedić, **Aleksandar Dekanski**, [Seasonal Entropy, Diversity and Inequality Measures of Submitted and Accepted Papers Distributions in Peer-Reviewed Journals](https://doi.org/10.1007/s11192-019-03026-x), *Entropy*, **21(6)** (2019) 564
8. Marcel Ausloos, Olgica Nedić, **Aleksandar Dekanski**, Correlations between submission and acceptance of papers in peer review journals, *Scientometrics* **119** (2019) 279-302 <http://dx.doi.org/10.1007/s11192-019-03026-x>
9. **Aleksandar Dekanski**, 150 godina Periodnog sistema elemenata, *Hemijski pregled* **60(1)** (2019) 2-10
10. Ivana Drvenica, Giangiacomo Bravo, Lucija Vejmelka, **Aleksandar Dekanski** and Olgica Nedić, [Peer Review of Reviewers: The Author's Perspective](https://doi.org/10.3390/publications7010001), *Publications* **7(1)** (2019) 1 <https://doi.org/10.3390/publications7010001>
11. **Aleksandar Dekanski**, Kome će stići pismo adresirano imenima elemenata iz Periodnog sistema, *Elementi* **15** (2018) 8-16
12. **Aleksandar Dekanski**, Superkondenzatori, *Hemijski pregled* **59(5)** (2018) 114-121
13. Olgica Nedić, Ivana Drvenica, Marcel Ausloos, **Aleksandar B. Dekanski**, [Efficiency in managing peer-review of scientific manuscripts – editors' perspective](https://doi.org/10.2298/JSC180531066N), *J. Serb. Chem. Soc.* **83(12)** (2018) 1391-1405 <https://doi.org/10.2298/JSC180531066N>
14. **Aleksandar Dekanski**, Vladimir V. Panić, [Elektrohemijski superkondenzatori: Princip rada, komponente i aktivni materijali](https://doi.org/10.2298/HEMIND180515016D), *Hemijska industrija* **72(4)** (2018) 229-251 <http://dx.doi.org/10.2298/10.2298/HEMIND180515016D>
15. **Aleksandar Dekanski**, Ivana Drvenica, Olgica Nedić, Kako recenzirati naučni rad, *Zaštita Materijala* **58(3)** (2017) 259–270 <http://dx.doi.org/10.5937/ZasMat1703259D>
16. **Александр Декански**, Ивана Дрвеница, Олгица Недић, Рецензирање, кључни елемент процеса евалуације научног сазнања: Како то добро урадити? Предавање по позиву, 5. конференција младих хемичара Србија, Београд, 29. и 30. септембар 2017, Књига радова (ISBN 978-86-7132-066-5), КМН S1, 161-167
17. Milica Košević, Denis Sačar, **Aleksandar Dekanski**, Vladimir Panić, [Microwave assisted hydrothermal synthesis and capacitive properties of RuO<sub>2</sub>/reduced graphene oxide](https://doi.org/10.1007/s11192-020-03619-x)

- [composites](#), 54<sup>th</sup> Meeting of the Serbian Chemical Society, Belgrade, Serbia, September 29-30, 2017, Proceedings (ISBN 978-86-7132-066-5), MS 02, 133-138
18. Gavriilo Šekularac, Milica Košević, **Aleksandar Dekanski**, Veljko Djokić, Matjaž Panjan, Vladimir Panić, [High Energy/Power Supercapacitor Performances of Intrinsically Ordered Ruthenium Oxide Prepared through Fast Hydrothermal Synth](#), *ChemElectroChem* **4(10)** (2017) 2535–2541 <http://dx.doi.org/10.1002/celec.201700609>
  19. Denis Sačer, Magdalena Kralj, Suzana Sopčić, Milica Košević, **Aleksandar Dekanski**, Marijana Kraljić Roković, [Supercapacitors based on graphene/pseudocapacitive materials](#), *J. Serb. Chem. Soc.* **82(4)** (2017) 411-416 <http://dx.doi.org/10.2298/JSC170207027S>
  20. Marcel Ausloos, Olgica Nedić, **Aleksandar Dekanski**, Maciej J. Mrowinski, Piotr Fronczake Agata Fronczake, [Day of the week effect in paper submission/acceptance/rejection to/in/by peer review journals](#). II. An ARCH econometric-like modeling, *Physica A: Statistical Mechanics and its Applications* **468** (2017) 462–474 [10.1016/j.physa.2016.10.078](https://doi.org/10.1016/j.physa.2016.10.078)
  21. **Aleksandar Dekanski**, Ivana Drvenica, Olgica Nedić, [Peer-review process in journals dealing with chemistry and related subjects published in Serbia](#) *Chemical Industry and Chemical Engineering Quarterly* **22(4)** (2016) 491–501 <http://dx.doi.org/10.2298/CICEQ160328033D>
  22. Marcel Ausloosa, Olgica Nedić, **Aleksandar Dekanski**, [Day of the week effect in paper submission/acceptance/rejection to/in/by peer review journals](#), *Physica A: Statistical Mechanics and its Applications* **456** (2016) 197–203 <http://dx.doi.org/10.1016/j.physa.2016.03.032>
  23. Olgica Nedic, **Aleksandar Dekanski**, [Priority criteria in peer review of scientific articles](#), *Scientometrics* **107(1)** (2016) 15–26 <https://dx.doi.org/10.3390/publications7010001>
  24. Gavriilo Šekularac, Milica Košević, Ivana Drvenica, **Aleksandar Dekanski**, Vladimir Panić, Branislav Nikolić [Titanium coated with high-performance nanocrystalline ruthenium oxide synthesized by the microwave-assisted sol-gel procedure](#), *J. Solid State Electrochem.* **20(11)** 3115–3123 (2016) <http://dx.doi.org/10.1007/s10008-016-3343-z>
  25. O. Nedić and **A. Dekanski**, [A survey on publishing policies of the Journal of the Serbian Chemical Society – On the occasion of the 80th volume](#), *J. Serb. Chem. Soc.* **80(7)** 959-969 (2015) <http://dx.doi.org/10.2298/JSC150306036N>
  26. **Aleksandar Dekanski**, [How to present and publish research results](#), *J. Serb. Chem. Soc.* **79(12)** (2014) 1561-1570 <http://dx.doi.org/10.2298/JSC140610066D>
  27. Sanja I. Stevanović, Dušan V. Tripković, Vladimir V. Panić, **Aleksandar B. Dekanski** and Vladislava M. Jovanović, [Platinum Electrocatalyst Supported on Glassy Carbon: A Dynamic Response Analysis of the Pt Activity Promoted by Substrate Anodization](#), *RSC Adv.* **4** (2014) 3051–3059 <http://dx.doi.org/10.1039/C3RA45585H>
  28. Vladimir V. Panić, **Aleksandar B. Dekanski**, Branislav Ž. Nikolić, [Tailoring the supercapacitive performances of noble metal oxides, porous carbons and their composites](#), *J. Serb. Chem. Soc.* **78(12)** (2013) 2141–2164 <http://dx.doi.org/10.2298/JSC131031128P>
  29. **A. Dekanski** i V. Panić, D. Dekanski, <http://www.researcherid.com>, *Hemijski pregled* **53(5)** (2012) 137

30. Branislav Ž. Nikolić, Vladimir V. Panić, **Aleksandar B. Dekanski**, [Intrinsic potential-dependent performances of a sol-gel-prepared electrocatalytic IrO<sub>2</sub>-TiO<sub>2</sub> coating of dimensionally stable anodes](http://dx.doi.org/10.1007/s12678-012-0086-1), *Electrocatalysis* **3** (2012) 360–368 <http://dx.doi.org/10.1007/s12678-012-0086-1>
31. Sanja I. Stevanović, Vladimir V. Panić, **Aleksandar B. Dekanski**, Amalija V. Tripković and Vladislava M. Jovanović, [Relationships between structure and activity of carbon as a multifunctional support for electrocatalysts](http://dx.doi.org/10.1039/c2cp40455a), *Phys. Chem. Chem. Phys.* **14(26)** (2012) 9475–9485 <http://dx.doi.org/10.1039/c2cp40455a>
32. **A. Dekanski**, Kako napisati naučni rad, *Hemijski pregled* **52(4)** (2011) 101
33. **A. Dekanski** i V. Panić, D. Dekanski, Hemijske knjige, *Hemijski pregled* **52(2)** (2011) 52
34. D. Dekanski, S. Ristić, N. V. Radonjić, N. D. Petronijević, **A. Dekanski** and D. M. Mitrović, [Olive leaf extract modulates cold restraint stress-induced oxidative changes in rat liver](http://dx.doi.org/10.2298/JSC110204107D), *J. Serb. Chem. Soc.* **76(9)** (2011) 1207-1218 <http://dx.doi.org/10.2298/JSC110204107D>
35. Z. Stević, M. Rajčić-Vujasinović, S. Bugarinović, **Aleksandar Dekanski**, [Construction and characterisation of double layer capacitors](http://dx.doi.org/10.2298/APA1101228233), *Acta Physica Polonica A* **117(1)** 228-233 (2010).
36. **A. Dekanski** i V. Panić, D. Dekanski, Korisni i zanimljivi sajtovi, *Hemijski pregled* **51(6)** (2010) 155
37. Vladimir Panić, **Aleksandar Dekanski**, Vesna B. Mišković-Stanković, Slobodan K. Milonjić, Branislav Ž. Nikolić, [Differences in the electrochemical behavior of ruthenium and iridium oxide in electrocatalytic coatings of activated titanium anodes prepared by the sol-gel procedure](http://dx.doi.org/10.2298/JSC100310078P), *J. Serb. Chem. Soc.* **75(10)** (2010) 1413–1420 <http://dx.doi.org/10.2298/JSC100310078P>
38. **A. Dekanski** i V. Panić, D. Dekanski, Pirelijeva međunarodna nagrada, *Hemijski pregled* **51(5)** (2010) 130
39. Vladimir Panić, **Aleksandar Dekanski**, Miodrag Mitrić, Slobodan K. Milonjić, Vesna B. Mišković-Stanković, Branislav Ž. Nikolić, [The Effect of the Addition of Colloidal Iridium Oxide into Sol-Gel Obtained Titanium and Ruthenium Oxide Coatings on Titanium on Their Electrochemical Properties](http://dx.doi.org/10.1039/B921582D), *Phys. Chem. Chem. Phys.* **12(27)** (2010) 7521-7528 <http://dx.doi.org/10.1039/B921582D>
40. **A. Dekanski** i V. Panić, D. Dekanski, Klub mladih hemičara Srbije - KMHS, *Hemijski pregled* **51(1)** (2010) 24
41. V.V. Panić, R.M. Stevanović, V.M. Jovanović, **A. B. Dekanski**, [Electrochemical and capacitive properties of thin-layer carbon black electrodes](https://doi.org/10.1016/j.jpowsour.2010.01.028), *Journal of Power Sources* **195(13)** (2010). 3969-3976 <https://doi.org/10.1016/j.jpowsour.2010.01.028>
42. **A. Dekanski** i V. Panić, D. Dekanski, Tri sajta korisna za učenike, *Hemijski pregled* **50(6)** (2009) 162
43. **A. Dekanski** i V. Panić, D. Dekanski, Baze podataka informacija za istraživanja RIO-DB, *Hemijski pregled* **50(4)** (2009) 110
44. **A. Dekanski** i V. Panić, D. Dekanski, Forenzička hemija, *Hemijski pregled* **50(3)** (2009) 83

45. Z. Stević, M. Rajčić Vujasinović, **Aleksandar Dekanski**, [Estimation of parameters obtained by electrochemical impedance spectroscopy on systems containing high capacities](#) *Sensors* **9(9)** (2009) 7365-7373 <https://doi.org/10.3390/s90907365>
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47. V. V. Panić, **Aleksandar Dekanski**, V. B. Mišković-Stanković and B. Ž. Nikolić [The study of capacitance change during electrolyte penetration through carbon-supported hydrous ruthenium oxide prepared by the sol-gel procedure](#), *Chemical and Biochemical Engineering Quarterly* **23(1)** (2009) 23-30
48. **A. Dekanski** i V. Panić, D. Dekanski, Pretraživanje literature X, *Hemijski pregled* **49(5)** (2008) 120
49. **ŽA. Dekanski** i V. Panić, D. Dekanski, Chemical forums, *Hemijski pregled* **49(4)** (2008) 98
50. V. V. Panić, R. M. Stevanović, V. M. Jovanović, **Aleksandar Dekanski**, [Electrochemical and capacitive properties of thin-layer carbon black electrodes](#) *Journal of Power Sources* **181** (2008)186–192 <https://doi.org/10.1016/j.jpowsour.2008.03.048>
51. **A. Dekanski** i V. Panić, D. Dekanski, Srpski hemijski blogovi i forumi, *Hemijski pregled* **49(2)** (2008) 41
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61. **Aleksandar Dekanski**, Vladimir Panić, Dragana Dekanski, Edukativni programi, *Hemijski pregled* **47(6)** (2006) 145
62. **Aleksandar Dekanski**, Vladimir Panić, Dragana Dekanski, O hemiji, *Hemijski pregled* **47(5)** (2006) 122
63. **Aleksandar Dekanski**, Vladimir Panić, Dragana Dekanski, Mala škola hemije, *Hemijski pregled* **47(4)** (2006) 98
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