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OBRAZOVANJE

1990.	Doktor tehničkih nauka, oblast Hemija i hemijska tehnologija Tehnološko-metalurški fakultet, Univerzitet u Beogradu, Beograd, Srbija
1984.	Magistar tehničkih nauka, oblast Hemija i hemijska tehnologija Tehnološko-metalurški fakultet, Univerzitet u Beogradu, Beograd, Srbija
1981.	Diplomirani inženjer tehnologije Tehnološko-metalurški fakultet, Univerzitet u Beogradu, Beograd, Srbija

NASTAVNO / NAUČNO ZVANJE

2022 -	**Redovni profesor**	Fakultet za ekologiju i zaštitu životne sredine Univerzitet „Union – Nikola Tesla“, Beograd, Srbija
2002 - 2022	**Redovni profesor**	
1997 - 2002	**Vanredni profesor**	Tehnološko-metalurški fakultet, Univerzitet u Beogradu
1992 -1997	**Docent**	
1987 - 1992	**Asistent**	
1983 -1987	**Asistent pripravnik**	

STRUČNO ISKUSTVO

2022 -	Fakultet za ekologiju i zaštitu životne sredine, Univerzitet „Union – Nikola Tesla“, Beograd
1983 – 2022.	Tehnološko-metalurški fakultet, Univerzitet u Beogradu
2015–2019.	Gostujući profesor, Kyung Hee University, Faculty of Engineering, Department of Mechanical Engineering, Seul, Južna Koreja

2014.	Shandong University, Đinan, Kina
2014.	Jiangsu Normal University, Ksudžou, Kina
2014.	Fudan University, Šangaj, Kina
2012.	National Institute for Lasers, Plasma and Radiation Physics, Magurele, Rumunija
2012.	University POLITEHNICA of Bucharest**,** Bukurešt, Rumunija
2011.	Laval University, Kvebek, Kanada
2011. 2010.	Jožef Štefan Institute, Ljubljana, Slovenija
2009.	Shandong University, Đinan, Kina
2009-2011.	Gostujući profesor, Ohio University, College of Engineering and Technology, Atina, Ohajo, SAD
1995.	Gostujući profesor, University of Trento, Faculty of Engineering, Department of Material Science,Trento, Italija

ČLANSTVA U STRUKOVNIM I AKADEMSKIM UDRUŽENJIMA

2018.	Akademija inženjerskih nauka Srbije (AINS)
2008.	Naučno društvo Srbije (NDS)
2000.	The International Society of Electrochemistry
2000.	The American Electrochemical Society
1995.	Srpsko hemijsko društvo

ISTRAŽIVAČKI PROJEKTI

2023-2026.	Nonlinear dynamics of thermally and mechanically loaded composite structures, Joint Research Project between Serbian Academy of Sciences and Arts - Mathematical Institute, Serbia and Bulgarian Academy of Sciences - Institute of Mechanics, Bulgaria.
2023-2025.	Electrochemical production of composite biomaterials for medical hard tissue implants, Bilateral project between Republic of Serbia and Republic of Slovenia, Ministry of Science, Technological Development and Innovation, Republic of Serbia and Slovenian Research Agency (Contract no 337-00-110/2023-05/13).
2023-2024.	Obloge za tretman inficiranih rana na bazi hidrogelova ekološki prihvatljivih za

životnu sredinu, Univerzitet „Union – Nikola Tesla“, rukovodilac.

2020–2023. Twinning to excel materials engineering for medical devices –ExcellMater, grant no. 952033, Horizont 2020-WIDESPREAD-2018-2020/H2020-WIDESPREAD-020-5, 2020-2023, European Commission.

2011-2020. Sinteza, razvoj tehnologija dobijanja i primena nanostrukturnih multifunkcionalnih materijala definisanih svojstava (Projekat III 45019), Ministarstvo nauke i tehnološki razvoj Republike Srbije.

2014-2015. Novi ekonomski opravdan sistem za zaštitu od korozije čelične armature u betonu”, Bilateralni projekat između Republike Srbije i Republike Slovenije, Ministarstvo za nauku i tehnološki razvoj Republike Srbije i Javna agencija za raziskovalno dejavnost Republike Slovenije, (Ugovor br.: 451-03-3095/2014-09/19).

2014-2015. Fullerene-carbon Nanotube Hybrids Based Composites As Energy Materials, Research Committee of The Hong Kong Polytechnic University (Project code: G-UC81), rukovodilac.

2014-2015. Novi proizvodi za tretman rana na bazi hidrogelova alginata i polivinil-alkohola sa nanočesticama srebra – Inovacioni projekat, Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije (Projekat No.451-03-2802-IP 1/36), rukovodilac.

2014-2018. TD COST Action TD1305: Improved Protection of Medical Devices Against Infection (IPROMEDIA), European Cooperation in Science and Technology – COST.

2013. Razvoj tehnologije dobijanja ekološki prihvatljivog zaštitnog sistema Zn-Mn legura/organska prevlaka na čeliku, Ministarstvo nauke i tehnologije Republike Srpske (Projekat No. 19/6-030/3-2-93-1/12).

2013. NanoAktiv Wound Dressings (Pr. ID 212) - Fond za inovacionu delatnost iz sredstava pretpristupnih fondova EU IPA I 2011 u okviru Projekta podrške inovacijama u Srbiji koji implementira Svetska Banka.

2012-2015. Biomimični bioreaktorski sistemi za primenu u biomedicini - BIOMIMETIKA, Eureka 6749.

2011-2015. MPNS COST Action MP1005: From nano to macro biomaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopedic and dental medicine (NAMABIO), European Cooperation in Science and Technology – COST.

2011-2012. Electrodes modifiées à base de carbonate de calcium, Agence Universitaire de la Francophonie (AUF) - l’Université Politehnica de Bucarest (Roumanie) en association avec l’Université Joseph Fourier, Grenoble 1 (France) et

l'Université de Belgrade (Serbie), rukovodilac.

2010-2011. Electrochemical non-metallic coatings on modified metal surfaces, Bilateralni projekat izmedju Republike Srbije i Republike Slovenije, Ministarstvo za nauku i tehnološki razvoj Republike Srbije i Javna agencija za raziskovalno dejavnost Republike Slovenije, rukovodilac.

2009-2012. CRP (coordination research project): Nanoscale Radiation Engineering of Advanced Materials for Potential Biomedical Applications, International Atomic Energy Agency (Project F23028).

2009-2011. TCP (technical cooperation project): Supporting Radiation Synthesis and the Characterisation of Nanomaterials for Health Care, Environmental Protection and Clean Energy Applications, International Atomic Energy Agency (Project RER/8/014).

2008-2010. Razvoj nanokompozita na bazi hidrogelova za primene u rekonstruktivnoj hirurgiji, Ministarstvo za nauku i tehnološki razvoj Republike Srbije (Projekat TR 19027).

2006-2010. Elektrohemijske karakteristike oksidnih i polimernih prevlaka na modifikovanim površinama metala, Ministarstvo nauke i zaštite životne sredine Republike Srbije (Projekat 142061), rukovodilac.

2005. Preparation of panels containing Zn-Ni, Zn-Co and Zn-Fe alloys for anticorrosion testing, PPG Industries, Inc. USA, rukovodilac.

2002-2008. Inhibitori korozije metala, Srpska akademija nauka i umetnosti (Projekat F-59)

2002-2005. Proučavanje fenomena i metoda sinteze keramičkih i staklastih materijala za primenu u visokim tehnologijama, Ministarstvo za nauku, tehnologije i razvoj Republike Srbije (Projekat 1818).

2002-2005. Provodne oksidne prevlake u elektrokatalizi i superkondenzatorima, Ministarstvo za nauku, tehnologije i razvoj Republike Srbije (Projekat 1230)

2002-2005. Prevencija šteta nastalih kao posledica korozije materijala i neadekvatne antikorozione zaštite, Ministarstvo za nauku, tehnologije i razvoj Republike Srbije (Projekat 1689), rukovodilac.

1996-2000. Elektrodika, elektrokataliza i elektrohemijska konverzija energije, Ministarstvo za nauku i tehnologiju Republike Srbije (Projekat 02E20)

1983-1995. Metalika – Dobijanje metala i njihovih legura elektrohemijskim i metalurškim putem, Ministarstvo za nauku i tehnologiju Republike Srbije (Projekat 02E21).

1983-1991. Fundamental Research of Surface Structure and Electrochemical Processes for New Technologies, Federal Ministry for Science and Technology (Project P-

96).

NAGRADE

2024.	AD Scientific Index World Scientist and University Rankings 2024
2023.	AD Scientific Index World Scientist and University Rankings 2023
2022.	Stanford University Top 2% scientists in the world for 2022, career and single year
2021.	Stanford University Top 2% scientists in the world for 2021, career and single year
2021.	Top 10 srskih naučnica koje žive i rade u Srbiji
2021.	Gold medal, International festival of innovation TESLA FEST 2021, Inventors Association of Vojvodina, Novi Sad, 12-15. october, 2021.
2020.	Stanford University Top 2% scientists in the world for 2020, career and single year
2019.	Stanford University Top 2% scientists in the world for 2019, career and single year
2019.	Gold medal, INOVAMAK 2019 International Salon of Inventions and New Technologies, International Federation of Inventors Associations, Skopje, Republic of North Macedonia, September 24-26, 2019.
2018.	Cup of Organizer of International Salon of Inventions and New Technologies "New Time", Sevastopol, Russian Federation, 2018.
2018.	Srebrna medalja sa likom Nikole Tesle, 35. Medjunarodna izložba pronalazaka, novih tehnologija i dizajna „Pronalazaštvo-Beograd 2018", Savez pronalazača i autora tehničkih unapredjenja Beograda, Beograd, 2018.
2018.	Srebrna medalja sa likom Nikole Tesle, 35. Medjunarodna izložba pronalazaka, novih tehnologija i dizajna „Pronalazaštvo-Beograd 2018", Savez pronalazača i autora tehničkih unapredjenja Beograda, Beograd, 2018.
2017.	Bronze medal, INOVAMAK 2017 International Salon of Inventions and New Technologies, International Federation of Inventors Associations, Skopje, FYR Macedonia, 2017.

2017.	Gold medal, XIII International Salon of Inventions and New Technologies „New Time“, International Federation of Inventors Associations, Sevastopol, Russian Federation, 2017.
2016.	Zlatna medalja sa likom Nikole Tesle, 34. Medjunarodna izložba pronalazaka, novih tehnologija i industrijskog dizajna „Pronalazaštvo-Beograd 2016“, Savez pronalazača Beograda, Beograd, 2016.
2013.	Godišnja nagrada Privredne komore Beograda za najbolji pronalazak, 2013.
2012.	Zlatna medalja sa likom Nikole Tesle, 32. Medjunarodna izložba pronalazaka, novih tehnologija i industrijskog dizajna „Pronalazaštvo-Beograd 2012“, Savez pronalazača Beograda, Beograd, 2012.
2012.	Nagrada za najbolji ženski tim, Takmičenje za najbolju tehnološku inovaciju u Srbiji 2012, Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije, 2012.
2011.	Pobednik u grupi Zdravlje (medicina i materijali) i ukupni pobednik u kategoriji Inovativne ideje, Takmičenje za najbolju tehnološku inovaciju u Srbiji 2011 (NTI 2011), Ministarstvo prosvete i nauke Republike Srbije, 2011.
2011.	Zlatna medalja sa likom Nikole Tesle, 31. Medjunarodna izložba pronalazaka, novih tehnologija i industrijskog dizajna „Pronalazaštvo-Beograd 2011“, Savez pronalazača i autora tehničkih unapredjenja Beograda, Beograd, 2011.

ODABRANE PUBLIKACIJE

V. Mišković-Stanković, T. Atanackovic **(2024)**. Novel antibacterial biomaterials for medical applications and modeling of drug release process, Taylor & Francis/CRC Press, ISBN 9781032668864, 288 pages. https://www.routledge.com/Novel-Antibacterial-Biomaterials-for-Medical-Applications-and-Modeling-of-Drug-Release-Process/Miskovic-Stankovic-Atanackovic/p/book/9781032668864

Marija Djošić, Ana Janković, Milena Stevanović, Jovica Stojanović, Maja Vukašinović-Sekulić, Vesna Kojić, Vesna Mišković-Stanković **(2023)**. Hydroxyapatite/poly(vinyl alcohol)/chitosan coating with gentamicin for orthopedic implants“, *Mater. Chem. Phys.* 303, 127766. https://doi.org/10.1016/j.matchemphys.2023.127766

Vesna Miskovic-Stankovic, Marko Janev, Teodor M. Atanackovic **(2023).** Two compartmental fractional derivative model with General fractional derivative, *J. Pharmacokinet. Pharmacodyn.* 50**,** p. 79-87. https://doi.org/10.1007/s10928-022-09834-8

Samira Naghdi, Vesna Miskovic-Stankovic **(2022)**. A review of the corrosion behaviour of graphene coatings on metal surfaces obtained by chemical vapour deposition, *J. Electrochem. Soc.* 169, 021505. https://doi.org/10.1149/1945-7111/ac53cb

K. Nešović, V. Mišković-Stanković **(2022).** Silver/poly(vinyl alcohol)/graphene hydrogels aimed

for wound dressing applications: understanding the mechanism of silver release, *J. Vinyl Addit. Technol.* 28, 1, p. 196-210. https://doi.org/10.1002/vnl.21882

Milena Stevanović, Marija Djošić, Ana Janković, Vesna Kojić, Jovica Stojanović, Svetlana Grujić, Ivana Matić Bujagić, Kyong Yop Rhee, Vesna Mišković-Stanković **(2021)**. The Chitosan-Based Bioactive Composite Coating on Titanium, *J. Mater. Res. Technol.* 15, p. 4461-4474. https://doi.org/10.1016/j.jmrt.2021.10.072

Marija Djošić, Ana Janković, Vesna Mišković-Stanković **(2021)**. Biocompatible and bioactive hydroxyapatite-based composite coatings on titanium, *Materials,* 14, 5391. https://doi.org/10.3390/ma14185391

Milena Stevanović, Marija Djošić, Ana Janković, Katarina Nešović, Vesna Kojić, Jovica Stojanović, Svetlana Grujić, Ivana Matić Bujagić, Kyong Yop Rhee, Vesna Mišković-Stanković **(2020).** Assessing bioactivity of gentamicin preloaded hydroxyapatite/chitosan composite coating on titanium substrate*, ACS Omega,* 5, 25, p. 15433–15445. https://dx.doi.org/10.1021/acsomega.0c01583

Katarina Nešović, Vesna Mišković-Stanković **(2020)**. A comprehensive review of the polymer-based hydrogels with electrochemically synthesized silver nanoparticles for wound dressing applications, *Polym Eng Sci.* **60** 1393–1419. https://doi.org/10.1002/pen.25410.

Samira Naghdi, Katarina Nešović, Gonzalo Sánchez-Arriaga, Kyong Yop Rhee, Vesna Mišković-Stanković **(2020)**. The effect of caesium dopant on APCVD graphene coating on copper, *J. Mater. Res. Technol.* **9**, 5, 9798–9812. https://dx.doi.org/10.1016/j.jmrt.2020.06.091

Milena Stevanović, Marija Đošić, Ana Janković, Vesna Kojić, Maja Vukašinović-Sekulić, Jovica Stojanović, Jadranka Odović, Milkica Crevar Sakač, Kyong Yop Rhee, Vesna Mišković-Stanković **(2020)**. Antibacterial graphene-based hydroxyapatite/chitosan coating with gentamicin for potential applications in bone tissue engineering, *J. Biomed. Mater. Res. A* 108, 2175-2189. https:// doi.org/10.1002/jbm.a.36974

Katarina Nešović, Ana Janković, Tamara Radetić, Maja Vukašinović-Sekulić, Vesna Kojić, Ljiljana Živković, Aleksandra Perić-Grujić, Kyong Yop Rhee, Vesna Mišković-Stanković **(2019).** Chitosan-based hydrogel wound dressings with electrochemically incorporated silver nanoparticles – *in vitro* study, *European Polymer Journal*, 121, 109257. https://doi.org/10.1016/j.eurpolymj.2019.109257

Garima Mittal, Katarina Nešović, Vesna Mišković-Stanković, Kyong Yop Rhee **(2019)**. Investigation of corrosion behaviour of carbon nanotubes coated basalt fabric as a reinforcement material, *Compos. Part B Eng.* 178, 107493. https://doi.org/10.1016/j.compositesb.2019.107493

Ljiljana S. Živković, Bore V. Jegdić, Velibor Andrić, Kyong Yop Rhee, Jelena B. Bajat and Vesna B. Mišković-Stanković **(2019)**. The effect of ceria and zirconia nanoparticles on the corrosion behaviour of cataphoretic epoxy coatings on AA6060 alloy, *Prog. Org. Coat.* 136, 105219. https://doi.org/10.1016/j.porgcoat.2019.105219

Katarina Nešović, Ana Janković, Aleksandra Perić-Grujić, Maja Vukašinović-Sekulić, Tamara Radetić, Ljiljana Živković, Soo-Jin Park, Kyong Yop Rhee, Vesna Mišković-Stanković **(2019)**.

Kinetic models of swelling and thermal stability of silver/poly(vinyl alcohol)/chitosan/graphene hydrogels, *J. Ind. Eng. Chem.* 77, 83-96. https://doi.org/10.1016/j.jiec.2019.04.022

Jovana Zvicer, Vesna Mišković-Stanković, Bojana Obradović **(2018).** Functional bioreactor characterization to assess potentials of nanocomposites based on different alginate types and silver nanoparticles for use as cartilage tissue implants, *J. Biomed. Mater. Res. A*, 107, 4, 755-768. http://dx.doi.org/10.1002/jbm.a.36590

Milena Stevanović, Marija Đošić, Ana Janković, Vesna Kojić, Maja Vukašinović-Sekulić, Jovica Stojanović, Jadranka Odović, Milkica Crevar Sakač, Kyong Yop Rhee, Vesna Mišković-Stanković **(2018).** Gentamicin-loaded bioactive hydroxyapatite/chitosan composite coating electrodeposited on titanium, *ACS Biomater. Sci. Eng.* **4,** 12, p. 3994–4007. https://pubs.acs.org/doi/10.1021/acsbiomaterials.8b00859

Katarina Nešović, Ana Janković, Vesna Kojić, Maja Vukašinović-Sekulić, Aleksandra Perić-Grujić, Kyong Yop Rhee, Vesna Mišković-Stanković, Silver/poly(vinyl alcohol)/chitosan/graphene hydrogels – synthesis, biological and physicochemical properties and silver release kinetics **(2018)**. *Compos. Part B Eng.* 154, 175-185. https://doi.org/10.1016/j.compositesb.2018.08.005

Mohamed M. Abudabbus, Ivana Jevremović, Katarina Nešović, Aleksandra Perić-Grujić, Kyong Yop Rhee, Vesna Mišković-Stanković **(2018).** *In situ* electrochemical synthesis of silver-doped poly(vinyl alcohol)/graphene composite hydrogels and their physico-chemical and thermal properties, *Compos. Part B Eng.* 140, p. 99-107. https://doi.org/10.1016/j.compositesb.2017.12.017

Marija Đošić, Sanja Eraković, Ana Janković, Maja Vukašinović-Sekulić, Ivana Z. Matić, Jovica Stojanović, Kyong Yop Rhee, Vesna Mišković-Stanković **(2017).** In vitro investigation of electrophoretically deposited bioactive hydroxyapatite/chitosan coatings reinforced by graphene, *J. Ind. Eng. Chem*. 47, p. 336-347. http://dx.doi.org/10.1016/j.jiec.2016.12.004

V. B. Mišković-Stanković **(2016)**. Electrochemical Production of Polymer Hydrogels with Silver Nanoparticles for Medical Applications as Wound Dressings and Soft Tissue Implants", in: S. Djokić (ed.), *Biomedical and Pharmaceutical Applications of Electrochemistry, Modern Aspects of Electrochemistry 60*, Springer Science+Business Media, New York, USA, Chpt 4, p. 267-375. https://link.springer.com/chapter/10.1007/978-3-319-31849-3_4

V. B. Mišković-Stanković **(2016).** Biocompatible Hydroxyapatite-Based Composite Coatings Obtained by Electrophoretic Deposition for Medical Applications as Hard Tissue Implants", in: S. Djokić (ed.), *Biomedical and Pharmaceutical Applications of Electrochemistry, Modern Aspects of Electrochemistry 60*, Springer Science+Business Media, New York, USA, Chpt 5, p. 377-457. https://link.springer.com/chapter/10.1007/978-3-319-31849-3_5

M.M. Abudabbus, I. Jevremović, A. Janković, A. Perić-Grujić, I. Matić, M. Vukašinović-Sekulić, D. Hui, K.Y. Rhee, V. Mišković-Stanković **(2016)**. Biological activity of electrochemically synthesized silver doped polyvinyl alcohol/graphene composite hydrogel discs for biomedical applications, *Compos. Part B Eng.* 104, 1, p. 26-34. http://dx.doi.org/10.1016/j.compositesb.2016.08.024

Rade Surudžić, Ana Janković, Miodrag Mitrić, Ivana Matić, Zorica D. Juranić, Ljiljana Živković, Vesna Mišković-Stanković, Kyong Yop Rhee, Soo Jin Park, David Hui **(2016)**. The effect of graphene loading on mechanical, thermal, and biological properties of poly(vinyl alcohol)/graphene nanocomposites, *J. Ind. Eng. Chem*. **34,** 250-257. http://dx.doi.org/10.1016/j.jiec.2015.11.016.

Rade Surudzić, Ana Janković, Natasa Bibić, Maja Vukašinović-Sekulić, Aleksandra Perić-Grujić, Vesna Mišković-Stanković, Soo Jin Park, Kyong Yop Rhee **(2016)**. Physico-chemical and mechanical properties and antibacterial activity of silver/poly(vinyl alcohol)/graphene nanocomposites obtained by electrochemical method, *Compos. Part B Eng.* 85**,** 102-112. http://dx.doi.org/10.1016/j.compositesb.2015.09.029

Ana Janković, Sanja Eraković, Maja Vukašinović-Sekulić, Vesna Mišković-Stanković, Soo Jin Park, Kyong Yop Rhee **(2015)**. Graphene-based antibacterial composite coatings electrodeposited on titanium for biomedical applications**,** *Prog. Org. Coat.* 83**,** 1-10. http://dx.doi.org/10.1016/j.porgcoat.2015.01.019.

Ljiljana S. Živković, Jelena B. Bajat, Jovan P. Popić, Bore V. Jegdić, Sanja Stevanović and Vesna B. Mišković-Stanković **(2015)**. Protective properties of cataphoretic epoxy coating on aluminum alloy AA6060 modified with electrodeposited Ce-based coatings: Effect of post-treatment, *Prog. Org. Coat.* 79, p. 43-52. https://www.sciencedirect.com/science/article/abs/pii/S0300944014003439

Ivana Jevremović, Marc Singer, Mohsen Achour, Vesna Mišković-Stanković, Srdjan Nešić **(2015)**. Evaluation of a Novel Top-of-the-Line Corrosion (TLC) Mitigation Method in a Large Scale Flow Loop, *Corrosion* 71**,** 3, 389-397. doi: http://dx.doi.org/10.5006/1317.

Vesna Mišković-Stanković, Ivana Jevremović, Inhwa Jung, Kyong Yop Rhee **(2014).** Electrochemical study on corrosion behaviour of graphene coatings on copper and aluminium in chloride solution, *Carbon*, 75, p. 335-344. https://www.sciencedirect.com/science/article/abs/pii/S0008622314003315

V. B. Mišković-Stanković **(2014)**. Electrophoretic Deposition of Ceramic Coatings on Metal Surfaces“ in: S. Djokić (ed.), *Electrodeposition and Surface Finishing: Fundamentals and Applications, Modern Aspects of Electrochemistry* ***57***, Springer Science+Business Media, New York, USA, Chpt 3, p. 133-216. http://www.springer.com/chemistry/electrochemistry/book/978-1-4939-0288-0

Sanja Eraković, Ana Janković, Djordje Veljović, Eriks Palcevskis, Miodrag Mitrić, Tatjana Stevanović, Djordje Janaćković, Vesna Mišković-Stanković **(2013)**. The corrosion stability and bioactivity in simulated body fluid of silver/hydroxyapatite and silver/hydroxyapatite/lignin coatings on titanium obtained by electrophoretic deposition, *J. Phys. Chem. B* 117, p. 1633-1643. http://pubs.acs.org/doi/abs/10.1021/jp305252a

Ivana Jevremović, Marc Singer, Srđan Nešić, Vesna Mišković-Stanković **(2013)**. Inhibition properties of self-assembled corrosion inhibitor talloil diethylenetriamine imidazoline for mild steel corrosion in chloride solution saturated with carbon dioxide, *Corros. Sci.* 77, 265-272.

http://www.sciencedirect.com/science/article/pii/S0010938X13003685

I. Jevremović, M. Singer, M. Achour, D. Blumer, T. Baugh, V. Mišković-Stanković, S. Nešić **(2013)**. A Novel Method to Mitigate the Top of the Line Corrosion in Wet Gas Pipelines by Corrosion Inhibitor within a Foam Matrix, *Corrosion*, **69**, 2, 186-192. http://corrosionjournal.org/doi/abs/10.5006/0617

Zeljka Jovanovic, Jasmina Stojkovska, Bojana Obradovic, Vesna Miskovic-Stankovic **(2012)**. Alginate hydrogel microbeads incorporated with Ag nanoparticles obtained by electrochemical method, *Mater. Chem. Phys.* 133, p. 182–189. http://www.sciencedirect.com/science/article/pii/S0254058412000181

I. Milošev, Ž. Jovanović, J.B. Bajat, R. Jančić-Heinemann, V.B. Mišković-Stanković **(2012).** Surface analysis and electrochemical behaviour of aluminium pretreted by vinyltriethoxysilane films in mild NaCl solution, *J. Electrochem. Soc.* **159**, 7, C303-C311. http://jes.ecsdl.org/content/159/7/C303

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Naučna delatnost. Radi u oblastima nauke o materijalima, zaštite životne sredine i elektrohemije, objavila je sledeće publikacije: 1 istaknutu monografiju međunarodnog značaja (M11), 3 poglavlja u istaknutim monografijama međunarodnog značaja (M13), 5 poglavlja u monografijama međunarodnog značaja (M14), 1 istaknutu monografija nacionalnog značaja (M41), 214 naučnih radova u časopisima sa recenzijom od čega 162 rada u časopisima sa SCI liste (26 M21a, 51 M21, 36 M22, 43 M23), 9 radova van SCI liste i 43 rada u nacionalnim

časopisima, 312 naučnih radova saopštenih na međunarodnim (193) i nacionalnim skupovima (119), 51 predavanje po pozivu/plenarno na domaćim (12) i međunarodnim konferencijama (23) i inostranim univerzitetima (16) u SAD, Italiji, Nemačkoj, Grčkoj, Južnoj Koreji i Kini, 2 registrovana patenta na nacionalnom nivou i 4 tehnička rešenja. Rukovodila je/učestvovala na 27 naučnih projekata (14 međunarodnih i 13 nacionalnih).

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Nagrade i priznanja. Nalazi se na listi najuticajnijih naučnika u svetu iz svih oblasti nauke koju je objavio Stanford univerzitet (Top 2% scientists in the world) za celu karijeru i pojedinačnu godinu za 2019, 2020, 2021 i 2022; na listi AD Scientific Index World Scientist and University Ranking 2023, 2024; i na listi Top 10 srpskih naučnica koje žive i rade u Srbiji (2021). Izabrana je za člana Akademije inženjerskih nauka Srbije (AINS) od 2018. i člana Naučnog društva Srbije (NDS) od 2008. gde je sekretar Odeljenja tehničkih nauka NDS. Dobila je 6 zlatnih, 2 srebrne, 1 bronzanu medalju i 1 Coupe na međunarodnim, i 3 zlatne medalje na nacionalnim izložbama inovacija. Stalni je recezent u 26 istaknutih međunarodnih naučnih časopisa.

Nastavna delatnost. Držala je nastavu na diplomskim, master i doktorskim studijama**.** Bila je mentor 26 diplomskih radova, 3 magistarske teze, 3 master rada i 9 doktorskih disertacija, i član komisije za odbranu 8 diplomskih radova, 1 magistarske teze, 7 master radova i 7 doktorskih disertacija. Napisala je udžbeničke materijale: 1 monografiju, 2 praktikuma, 4 skripte, i 2 udžbenika za srednje škole. Bila je Gostujući profesor na University of Trento, Italija, Ohio University, SAD, Laval University, Kvebek, Kanada, Shandong University, Đinan, Kina, Jangsu Normal University, Ksudžou, Kina, Fudan University, Šangaj, Kina, i Kyung Hee University, Seul, Južna Koreja.

Stručna delatnost. Bila je nacionalni predstavnik u Međunarodnoj uniji za čistu i primenjenu hemiju (IUPAC), u Evropskom hemijskom društvu (EuChemS) i Evropskoj federaciji za koroziju (EFC). Član je Američkog elektrohemijskog društva (ECS), Međunarodnog društva za elektrohemiju (ISE) i nacionalne Komisije za standarde iz oblasti zaštite od korozije čeličnih konstrukcija sistemima boja. Bila je nacionalni koordinator COST (European Cooperation in Science and Technology) akcije od 2014. do 2018. U okviru Univerziteta u Beogradu bila je član i predsednik Odbora zadužbine Veselina Lučića, član Komisije za univerzitetska odlikovanja Univerziteta u Beogradu, član Stručnog veća za hemiju, fizičku hemiju i biohemiju i član Stručnog veća oblasti prirodnih nauka. Bila je član Republičke fondacije Srbije za razvoj naučnog i umetničkog podmlatka. U oviru Srpskog hemijskog društva (SHD) član je Upravnog odbora i Predsedništva i Zaslužni član, a bila je potpredsednik (2016-2017) i predsednik SHD (2017-2021). Bila je član/predsednik organizacionog i naučnog odbora brojnih međunarodnih i domaćih simpozijuma.