

CURRICULUM VITAE

Dr Gordana Ćirić-Marjanović, redovni profesor



Adresa: Univerzitet u Beogradu - Fakultet za fizičku hemiju
Studentski trg 12-16, 11158 Beograd, Srbija
Tel: +381-11-3336623, +381-11-3336633
Fax: +381-11-2187133
E-mail: gordana@ffh.bg.ac.rs
ORCID ID: 0000-0002-1050-7003

ORCID profile:

<https://orcid.org/0000-0002-1050-7003>

SCOPUS profile:

<https://www.scopus.com/authid/detail.uri?authorId=6602553170>

Google Scholar profile:

<https://scholar.google.com/citations?user=R4NYAuwAAAAJ&hl=en>

Biografski podaci, edukacija i zaposlenja

Rođena 13.03.1967. godine u Pirotu, Republika Srbija, gde je završila osnovnu i srednju školu. Studijsku grupu Fizička hemija na Hemijskom fakultetu Prirodno-matematičkih fakulteta Univerziteta u Beogradu upisala je 1985. godine. Diplomirala je 1989. godine sa prosečnom ocenom 9,44, odbranivši diplomski rad pod naslovom „*Ispitivanje kinetike redoks reakcije $Fe^{2+} \rightleftharpoons Fe^{3+}$ na $La_{1-x}Sr_xMnO_3$ elektrodi*“. Poslediplomske studije na Fakultetu za fizičku hemiju Univerziteta u Beogradu upisala 1990. godine i 1994. godine magistrirala odbranivši magistarsku tezu pod naslovom: “*Kinetika i mehanizam redoks reakcije $J_3^- \rightleftharpoons 3 J^-$ na staklastom karbonu*“. Doktorsku disertaciju pod naslovom “*Elektrohemijska polimerizacija 1-naftalenamina i njegovih derivata*” odbranila je 20.06. 2003. godine na Fakultetu za fizičku hemiju Univerziteta u Beogradu. Na Institutu za Hemiju makromolekula Češke Akademije nauka u Pragu bila je na postdoktorskom usavršavanju iz oblasti nanostruktura provodnih polimera 2005. i 2006. godine.

Od 1990. godine do danas zaposlena je na Fakultetu za fizičku hemiju Univerziteta u Beogradu, u zvanjima: *asistent pripravnik* (1990–1994), *asistent* (1995–2003), *docent* (za užu naučnu oblast *Fizička hemija-hemijska termodinamika, materijali*, za predmete *Fizička hemija 2* za studente Hemije istraživačkog smera i *Fizička hemija makromolekula* na Fakultetu za fizičku hemiju, 2004–2009), *vanredni profesor* (za užu naučnu oblast *Fizička hemija-hemijska termodinamika, materijali*, za predmete *Fizička hemija 2* za studente Hemijskog fakulteta

Univerziteta u Beogradu studijskih programa Diplomirani hemičar i Profesor hemije i *Fizička hemija makromolekula* na Fakultetu za fizičku hemiju, Univerziteta u Beogradu, 2009–2015), *redovni profesor* (od maja 2015 do danas za predmete *Fizička hemija 2* za studente Hemijskog fakulteta Univerziteta u Beogradu studijskog programa Hemičar i *Fizička hemija makromolekula* na Fakultetu za fizičku hemiju Univerziteta u Beogradu).

Nastavna delatnost

U periodu 1990–2003. god., u zvanju asistenta-pripravnika i asistenta, bila je angažovana na izvođenju vežbi iz više predmeta na Fakultetu za fizičku hemiju Univerziteta u Beogradu (FFH UB): *Elektrohemija, Hemijska termodinamika, Opšti kurs fizičke hemije, Atomistika, Uvod u laboratorijski rad i dr.*

Od 2004. godine do danas, kao docent, vanredni profesor i redovni profesor, izvodi nastavu na osnovnim studijama iz predmeta *Fizička hemija 2* za studente Hemijskog fakulteta Univerziteta u Beogradu i *Fizička hemija makromolekula* na FFH UB. Na doktorskim studijama FFH UB izvodi nastavu iz predmeta 1. *Provodni polimeri* i 2. *Strukturna karakterizacija makromolekula*, a u periodu 2009-2013 god. izvodila i deo nastave na predmetu *Fizička hemija nanomaterijala*. Od šk. 2016/2017 izvodi deo nastave na predmetu *Metode i metodologija fizičkohemijskih istraživanja*, a od sk. 2021/2022. nastavu iz predmeta *Polimerni materijali* na master akademskim studijama na FFH UB.

Autor je univerzitetskog udžbenika *Fizička hemija makromolekula* i koautor univerzitetskog udžbenika *Uvod u laboratorijski rad* koji su namenjeni pre svega studentima Fakulteta za fizičku hemiju kao gradivo iz istoimenih predmeta.

Do sada je bila mentor u izradi odbranih **10 doktorskih disertacija, 1 magistarskog rada, 7 master radova i 16 završnih (diplomskih) radova studenata osnovnih akademskih studija.**

Bila je član komisija za odbranu 21 diplomskog/završnog rada, 12 master radova, 4 magistarske teze i 10 doktorskih disertacija (od toga 1 doktorska disertacija u Švajcarskoj, ETH Cirihi, PhD student Sandra Serrano-Luginbühl).

Naučno-istraživačka delatnost

Naučno-istraživačka delatnost dr Gordane Ćirić-Marjanović pripada oblasti fizičke hemije materijala i fizičke hemije makromolekula. Najvažnije uže oblasti istraživanja obuhvataju sintezu i karakterizaciju elektroprovodnih, elektroaktivnih (redoks-aktivnih) i drugih polimera, polimernih nanomaterijala, (nano)kompozita polimera, ugljeničnih (nano)materijala i makromolekulskih kompleksa, metalo-organskih mrežnih struktura, polioksometalata, proučavanje molekulske i supramolekulske strukture, elektrohemijskih, elektronskih, termalnih, antioksidativnih, teksturalnih i drugih fizičkohemijskih svojstava navedenih materijala spektroskopskim (FTIR, ramanska, UV-vis, EPR, NMR) i drugim metodama [gel propusna hromatografija (GPC), skenirajuća elektronska mikroskopija (SEM), transmisiona elektronska mikroskopija (TEM), ciklovoltometrija, merenje električne provodljivosti, TGA],) i primena navedenih materijala (za superkondenzatore, gorivne ćelije, u elektroanalitici, u zaštiti životne sredine, fotokatalizi..). Proučavanje mehanizama reakcija oksidativne polimerizacije kvantno hemijskim semi-empirijskim i drugim metodama. Proučavanje nanostrukture provodnih polimera i ugljeničnih materijala: njihovog dobijanja, mehanizma formiranja, svojstava, kompozita i primena; uzajamna veza mehanizma reakcije polimerizacije i supramolekulskih struktura provodnih polimera.

Do sada je publikovala **2 poglavlja** u istaknutim monografijama međunarodnog značaja (M₁₃, jedini autor), **2 poglavlja** u monografiji u izdanju SANU, koautor/autor je ukupno **107**

radova u naučnim časopisima sa recenzijom, od toga **102 rada u međunarodnim časopisima** indeksiranim u WoS [od toga **12 radova u međunarodnim časopisima** izuzetnih vrednosti (M21a), **56 radova u vrhunskim međunarodnim časopisima** (M21), **16 radova u istaknutim međunarodnim časopisima** (M22), i **17 radova u međunarodnim časopisima** (M23)] i **5 radova u časopisima nacionalnog značaja**, kao i **75 saopštenja na konferencijama** (od toga **63 na međunarodnim i 12 na domaćim konferencijama**). Održala je veći broj naučnih predavanja na različitim skupovima, od toga **4 predavanja po pozivu i 1 sekcijско predavanje** na naučnim skupovima. Koautor je **2 prihvaćena nacionalna patenta**.

Naučni radovi Gordane Ćirić-Marjanović citirani su ukupno **5193** puta, h-index=**37**, i10-index=**77**, prema bazi Google Scholar, a ukupno **4005** puta, h-index=**35** prema bazi SCOPUS (podaci za 22. decembar 2021).

Uspostavila i razvijala međunarodnu naučnu saradnju u oblasti sinteze i karakterizacije materijala na bazi elektroprovodnih i elektroaktivnih (redoks) polimera, ugljeničnih materijala, kompozita i dr. sa velikim brojem institucija iz inostranstva: ETH-Zurich, Institute for Polymers, Ciri, Švajcarska; Polymer Electronics Research Centre, University of Auckland, Novi Zeland; Brandenburški Tehnički Univerzitet, Cottbus-Senftenberg, Nemačka; Institut za hemiju makromolekula Akademije nauka Češke Republike, Prag; Kompetenzzentrum Holz GmbH, Austrija; Polymer Institute of Slovak Academy of Sciences, Slovačka; Institut Jožef Štefan, Ljubljana, Slovenija, i druge.

Učesnik u **9 međunarodnih naučnoistraživačkih projekata**, od toga u **7 kao rukovodilac/ko-rukovodilac, i u 4 domaća naučnoistraživačka projekta, od toga u 2 kao rukovodilac**. Trenutno je rukovodilac jednog domaćeg naučnoistraživačkog projekta finansiranog od strane Fonda za nauku Republike Srbije, u okviru programa IDEJE.

Značajne aktivnosti (recenzentske, rukovodeće, članstva u telima i odborima)

-Recenzentska aktivnost: recenzirala preko 400 radova za 85 međunarodnih naučnih WoS časopisa, jedno poglavlje u inostranoj monografiji, jedan domaći univerzitetski udžbenik u izdanju Farmaceutskog fakulteta UB, jedan projekat za National Research Foundation South Africa, jedan bilateralni projekat Srbija-Francuska.

- 1.oktobar 2015. - 30. septembar 2021. obavljala funkciju dekana Fakulteta za fizičku hemiju Univerziteta u Beogradu

- 71st Annual Meeting of the International Society of Electrochemistry (ISE), 30 August - 4 September 2020, Belgrade, Serbia - jedan od organizatora 17. Simpozijuma Electroactive materials: polymers, inorganic solids, nanocomposites and hybrid materials

-Januar 2017. - januar 2022. – član Matičnog naučnog odbora za hemiju Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije

- International Conference on Fundamental and Applied Aspects of Physical Chemistry, PHYSICAL CHEMISTRY (Belgrade, 2014, 2016, 2018, 2021) – član naučnog odbora

-Young Researchers' Conference-Materials Science and Engineering (Belgrade 2011, 2012, 2013, 2014) – član naučnog odbora

-International Meeting on Materials Science for Energy Related Applications (IMMSERA) (Belgrade 2016, 2018, 2021) – član naučnog odbora.

Bibliografija

1. Poglavlja u knjigama

1.1. Poglavlja u monografijama međunarodnog značaja

G.Ćirić-Marjanović, Polyaniline Nanostructures, Chapter 2 in *Nanostructured Conductive Polymers*, Ed. A. Eftekhari, John Wiley & Sons, Ltd, Chichester, UK., 2010, pp. 19–98, Print ISBN: 9780470745854, Online ISBN: 9780470661338.

1.2. G.Ćirić-Marjanović, Progress in Polyaniline Composites with Transition Metal Oxides, Chapter 2 in the book *Fundamentals of Conjugated Polymer Blends, Copolymers and Composites*, Ed. P. Saini, Wiley-Scrivener, 2015, pp. 119–161, Print ISBN: 978-1-118-54949-0.

1.3. G. Ćirić-Marjanović, Nanostructures of electroconducting polymers and carbon nanomaterials produced by their carbonization, in the book *Fascinating World of Nanoscience and Nanotechnology*, Serbian Academy of Sciences and Arts, Lecture series, book 6, 2020, pp. 123-154, ISBN 978-86-7025-859-4

1.4. M. Radoičić, M.Vranješ, J.Kuljanin Jakovljević, G.Ćirić-Marjanović, Z.Šaponjić, Probing the optical, magnetic and photocatalytic properties of doped TiO₂ nanocrystals and polymer based nanocomposites for various applications, in *Fascinating World of Nanoscience and Nanotechnology*, Serbian Academy of Sciences and Arts, Lecture series, book 6, 2020, pp. 155-182, ISBN: 978-86-7025-859-4.

2. Univerzitetski udžbenici

2.1. D. Minić, D. Stanisavljev, N.Cvjetičanin, M. Kuzmanović, Lj. Ignjatović, G. Ćirić-Marjanović, **Uvod u laboratorijski rad**, Fakultet za fizičku hemiju, Univerzitet u Beogradu, 2003. (1. izdanje) ISBN 86-82139-18-9; 2005. (2. izdanje) ISBN 86-82139-23-5; 2007. (3. izdanje) ISBN 978-86-82139-23-2; 2010. (4. izdanje) ISBN 978-86-82139-23-2.

2.2. G. Ćirić-Marjanović, **Fizička hemija makromolekula**, Fakultet za fizičku hemiju, Univerzitet u Beogradu, 2015, ISBN 978-86-82139-51-5.

3. Naučni radovi objavljeni u međunarodnim časopisima

3.1. Radovi u međunarodnim časopisima izuzetnih vrednosti (M21a)

3.1.1. A. Janošević, G. Ćirić-Marjanović, B. Marjanović, P. Holler, M. Trchová and J. Stejskal, “Synthesis and characterization of conducting polyaniline 5-sulfosalicylate nanotubes”, *Nanotechnology* **19** (2008)135606. doi:10.1088/0957-4484/19/13/135606 (IF= 3,446 za 2008. g.)

3.1.2. S. Mentus, G. Ćirić-Marjanović, M. Trchová, J. Stejskal, “Conducting carbonized polyaniline nanotubes”, *Nanotechnology* **20** (2009) 245601 (10 pp). <https://doi.org/10.1088/0957-4484/20/24/245601> (IF=3,446 za 2008. g.)

3.1.3. A. Janošević, I. Pašti, N. Gavrilov, S. Mentus, J. Krstić, M. Mitrić, J. Travas-Sejdic, G. Ćirić-Marjanović, „Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties“, *Microporous & Mesoporous Materials* **152** (2012) 50-57. (IF= 3,365 za 2012.g.)

- 3.1.4.** N. Gavrilov, I. A. Pašti, M. Vujković, J. Travas-Sejdic, G. Ćirić-Marjanović, S. V. Mentus, „High-performance charge storage by N-containing nanostructured carbon derived from polyaniline“, *Carbon* **50** (2012) 3915–3927. <https://doi.org/10.1016/j.carbon.2012.04.045> (IF= 5,868 za 2012. g.)
- 3.1.5.** N. Gavrilov, I.A. Pašti, M. Mitrić, J. Travas-Sejdić, G. Ćirić-Marjanović, S. V. Mentus, “Electrocatalysis of oxygen reduction reaction on polyaniline-derived nitrogen-doped carbon nanoparticle surfaces in alkaline media”, *Journal of Power Sources* **220** (2012) 306–316. (IF= 4,675 za 2012.g.)
- 3.1.6.** M. C. Stević, G. Ćirić-Marjanović, B. Marjanović, Lj. M. Ignjatović, D. Manojlović, „The electrochemical oxidation of 6-aminoquinoline: Computational and voltammetric study“, *Journal of The Electrochemical Society*, **159** (2012) G151–G159. (IF= 2,588 za 2012. g.)
- 3.1.7.** M. Radoičić, Z. Šaponjić, I. A. Janković, G. Ćirić-Marjanović, S. P. Ahrenkiel, M. I. Čomor, „Improvement of photocatalytic efficiency of polyaniline modified TiO₂ nanoparticles“, *Applied Catalysis B: Environmental* **136–137** (2013) 133–139. (IF= 6,007 za 2013.g.)
- 3.1.8.** M. Vujković, N. Gavrilov, I. Pašti, J. Krstić, J. Travas-Sejdić, G. Ćirić-Marjanović, S.V. Mentus, „Superior capacitive and electrocatalytic properties of carbonized nanostructured polyaniline upon a low-temperature hydrothermal treatment“, *Carbon* **64** (2013) 472. (IF= 6,160 za 2013.g.)
- 3.1.9.** G. Ćirić-Marjanović, I. Pašti, S. Mentus, One-dimensional nitrogen-containing carbon nanostructures, *Progress in Materials Science* **69** (2015) 61–182. (IF= 25,870 za 2013. g.)
- 3.1.10.** U. Bogdanović, I. Pašti, G. Ćirić-Marjanović, M. Mitrić, S.P. Ahrenkiel, V. Vodnik, Interfacial synthesis of gold–polyaniline nanocomposite and its electrocatalytic application, *ACS Applied Materials and Interfaces* **7** (2015) 28393–28403. (IF= 7.145 za 2015).
- 3.1. 11.** A. Janošević Ležaić, S. Luginbühl, D. Bajuk-Bogdanović, I. Pašti, R. Kissner, B. Rakvin, P. Walde, G. Ćirić-Marjanović, Insight into the template effect of vesicles on the laccase-catalyzed oligomerization of *N*-phenyl-1,4-phenylenediamine from Raman spectroscopy and cyclic voltammetry measurements, *Scientific Reports* **6** (2016) 30724. (IF= 5.228 za 2015.)
- 3.1.12.** M. Radoičić, G. Ćirić-Marjanović, V. Spasojević, P. Ahrenkiel, M. Mitrić, T. Novaković, Z. Šaponjić, Superior photocatalytic properties of carbonized PANI/TiO₂ nanocomposites, *Applied Catalysis B: Environmental* **213** (2017) 155–166. <https://doi.org/10.1016/j.apcatb.2017.05.023> (IF= 9.446 za 2016.)
- 3.1.13.** Joydeb Goura, Anusree Sundar, Bassem S. Bassil, Gordana Ćirić-Marjanović, Danica Bajuk-Bogdanović, Ulrich Kortz, Peroxouranyl-Containing W48 Wheel: Synthesis, Structure, and Detailed Infrared and Raman Spectroscopy Study, *Inorganic Chemistry* **59** (2020) 16789–16794, <https://dx.doi.org/10.1021/acs.inorgchem.0c02858>

3.2. Radovi u vrhunskim međunarodnim časopisima (M₂₁)

- 3.2.1.** M. Trchová, I. Šeděnková, E. N. Konyushenko, J. Stejskal, P. Holler, G. Ćirić-Marjanović, “Evolution of polyaniline nanotubes: the oxidation of aniline in water”, *Journal of Physical Chemistry B*, **110** (2006) 9461–9468. <https://doi.org/10.1021/jp057528g> (IF =4,115 za 2006. g)
- 3.2.2.** G. Ćirić-Marjanović, M. Trchová, P. Matějka, P. Holler, B. Marjanović, I. Juranić, »Electrochemical oxidative polymerization of sodium 4-amino-3-hydroxy-naphthalene-1-sulfonate

and structural characterization of polymeric products”, *Reactive and Functional Polymers* **66** (2006) 1670–1683. (IF = 1,561 za 2006. g.)

3.2.3. G. Ćirić-Marjanović, N.V. Blinova, M. Trchová, and J. Stejskal, ”The Chemical Oxidative Polymerization of Safranines”, *Journal of Physical Chemistry B* **111** (2007) 2188–2199. <https://doi.org/10.1021/jp067407w> (IF = 4,086 za 2007. g.)

3.2.4. N.V. Blinova, J. Stejskal, M. Trchová, G. Ćirić-Marjanović, I. Sapurina, ”Polymerization of Aniline on Polyaniline Membranes”, *Journal of Physical Chemistry B* **111** (2007) 2440–2448. (IF = 4,086 za 2007. g.)

3.2.5. G. Ćirić-Marjanović, M. Trchová, and J. Stejskal, “Theoretical Study of the Oxidative Polymerization of Aniline with Peroxydisulfate: Tetramer Formation”, *International Journal of Quantum Chemistry* **108** (2008) 318-333. (IF=1,368 za 2007. g.)

3.2.6. G. Ćirić-Marjanović, M. Trchová, J. Stejskal, “The chemical oxidative polymerization of aniline in water: Raman Spectroscopy”, *Journal of Raman Spectroscopy* **39** (2008) 1375-1387. <https://doi.org/10.1002/jrs.2007> (IF= 3,526 za 2008.g.)

3.2.7. G. Ćirić-Marjanović, E. N. Konyushenko, M. Trchová, and J. Stejskal, “Chemical Oxidative Polymerization of Anilinium Sulfate versus Aniline: Theory and Experiment”, *Synthetic Metals* **158** (2008) 200-211. (IF= 1,962 za 2008. g.)

3.2.8. G. Ćirić-Marjanović, M. Trchová, E. N. Konyushenko, P. Holler, J. Stejskal, “Chemical oxidative polymerization of aminodiphenylamines”, *Journal of Physical Chemistry B*, **112** (2008) 6976-6987. <https://doi.org/10.1021/jp710963e> (IF= 4,189 za 2008. g.)

3.2.9. N. V. Blinova, J. Stejskal, M. Trchová, I. Sapurina, G. Ćirić-Marjanović, “The oxidation of aniline with silver nitrate to polyaniline-silver composites”, *Polymer* **50** (2009) 50-56. (IF= 3,331 za 2008. g.)

3.2.10. G. Ćirić-Marjanović, V. Dondur, M. Milojević, M. Mojović, S. Mentus, A. Radulović, Z. Vuković, J. Stejskal, »Synthesis and Characterization of Conducting Self-Assembled Polyaniline Nanotubes/Zeolite Nanocomposite”, *Langmuir* **25** (2009) 3122–3131. (IF= 4,097 za 2008. g.)

3.2.11. M. Trchová, E. N. Konyushenko, J. Stejskal, J. Kovářová, G. Ćirić-Marjanović, «The conversion of polyaniline nanotubes to nitrogen-containing carbon nanotubes and their comparison with multi-wall carbon nanotubes», *Polymer Degradation and Stability* **94** (2009) 929–938. (IF= 2,320 za 2008. g.)

3.2.12. G. Ćirić-Marjanović, Lj. Dragičević, M. Milojević, M. Mojović, S. Mentus, B. Dojčinović, B. Marjanović, J. Stejskal, “Synthesis and Characterization of Self-Assembled Polyaniline Nanotubes/Silica Nanocomposites”, *Journal of Physical Chemistry B*, **113** (2009) 7116–7127. <https://doi.org/10.1021/jp900096b> (IF= 4,189 za 2008. g.)

3.2.13. A. Janošević, G. Ćirić-Marjanović, B. Marjanović, M. Trchová, J. Stejskal, “3,5-Dinitrosalicylic acid-assisted synthesis of self-assembled polyaniline nanorods», *Materials Letters* **64** (2010) 2337–2340. (IF=2,120 za 2010. g.)

3.2.14. M. Radoičić, Z. Šaponjić, J. Nedeljković, G. Ćirić-Marjanović, J. Stejskal, »Self-assembled polyaniline nanotubes and nanoribbons/titanium dioxide nanocomposites«, *Synthetic Metals* **160** (2010) 1325–1334. (IF=1,871 za 2010 g.)

- 3.2.15.** G. Ćirić-Marjanović, I. Holclajtner-Antunović, S. Mentus, D. Bajuk-Bogdanović, D. Ješić, D. Manojlović, S. Trifunović, J. Stejskal, «Self-assembled polyaniline 12-tungstophosphate micro/nanostructures», *Synthetic Metals* **160** (2010) 1463–1473. (IF= 1,871 za 2010 g.)
- 3.2.16.** N. Gavrilov, M. Dašić Tomić, I. Pašti, G. Ćirić-Marjanović, S. Mentus, «Carbonized polyaniline nanotubes/nanosheets-supported Pt nanoparticles: Synthesis, characterization and electrocatalysis», *Materials Letters* **65** (2011) 962–965. (IF= 2,307 za 2011 g.)
- 3.2.17.** A. Rakić, D. Bajuk-Bogdanović, M. Mojović, G. Ćirić-Marjanović, M. Milojević, S. Mentus, B. Marjanović, M. Trchová, J. Stejskal, «Oxidation of aniline in dopant free template free dilute reaction media», *Materials Chemistry and Physics* **127** (2011) 501–510. (IF= 2,234 za 2011.g.)
- 3.2.18.** B. Marjanović, I. Juranić, G. Ćirić-Marjanović, „Revised mechanism of Boyland-Sims oxidation”, *Journal of Physical Chemistry A* **115** (2011) 3536–3550. (IF= 2,946 za 2011.g.)
- 3.2.19.** B. Marjanović, I. Juranić, G. Ćirić-Marjanović, I. Pašti, M. Trchová, P. Holler, “Chemical oxidative polymerization of benzocaine”, *Reactive & Functional Polymers* **71** (2011) 704–712. (IF=2,479 za 2011.g.)
- 3.2.20.** G. Ćirić-Marjanović, B. Marjanović, P. Bober, Z. Rozlivková, J. Stejskal, M. Trchová, J. Prokeš, „The oxidative polymerization of *p*-phenylenediamine with silver nitrate: Towards highly conducting micro/nanostructured silver/conjugated polymer composites”, *Journal of Polymer Science Part A: Polymer Chemistry* **49** (2011) 3387–3403. (IF= 3,919 za 2011.g.)
- 3.2.21.** N. Gavrilov, M. Vujković, I.A. Pašti, G. Ćirić-Marjanović, S. V. Mentus, “Enhancement of electrocatalytic properties of carbonized polyaniline nanoparticles upon a hydrothermal treatment in alkaline medium”, *Electrochimica Acta* **56** (2011) 9197–9202. (IF= 3,832 za 2011.g.)
- 3.2.22.** A. Janošević, I. Pašti, N. Gavrilov, S. Mentus, G. Ćirić-Marjanović, J. Krstić, J. Stejskal, «Micro/mesoporous conducting carbonized polyaniline 5-sulfosalicylate nanorods/nanotubes: Synthesis, characterization and electrocatalysis», *Synthetic Metals* **161** (2011) 2179–2184. (IF= 1,871 za 2010.g.)
- 3.2.23.** B. Marjanović, I. Juranić, G. Ćirić-Marjanović, M. Mojović, I. Pašti, A. Janošević, M. Trchová, P. Holler, J. Horský, „Chemical oxidative polymerization of ethacridine“, *Reactive & Functional Polymers* **72** (2012) 25–35. (IF= 2,505 za 2012.g.)
- 3.2.24.** A. Janošević, G. Ćirić-Marjanović, B. Šljukić-Paunković, I. Pašti, S. Trifunović, B. Marjanović, J. Stejskal, „Simultaneous oxidation of aniline and tannic acid with peroxydisulfate: Self-assembly of oxidation products from nanorods to microspheres“, *Synthetic Metals* **162** (2012) 843. (IF= 2,109 za 2012.g.)
- 3.2.25.** M. Mališić, A. Janošević, B. Šljukić, I. Stojković, G. Ćirić-Marjanović, „Exploration of MnO₂/Carbon Composites and Their Application to Simultaneous Electroanalytical Determination of Pb(II) and Cd(II)“, *Electrochimica Acta* **74** (2012) 158–164. (IF= 3,777 za 2012.g.)
- 3.2.26.** M. C. Stević, Lj. M. Ignjatović, G. Ćirić-Marjanović, B. Marjanović, J. Barek, J. Zima, „Electrochemical oxidation of 6-hydroxyquinoline on a glassy carbon paste electrode: Voltammetric and computational study“, *Journal of Electroanalytical Chemistry* **677–680** (2012) 69–77. (IF= 2,905 za 2011.g.)
- 3.2.27.** M. Radoičić, Z. Šaponjić, G. Ćirić-Marjanović, Z. Konstantinović, M. Mitrić, J. Nedeljković, „Ferromagnetic polyaniline/TiO₂ nanocomposites“, *Polymer Composites* **33** (2012) 1482–1493. (IF= 1,482 za 2012.g.)

- 3.2.28.** M. Radoičić, G. Ćirić-Marjanović, Z. V. Šaponjić, M. Mitrić, Z. Konstantinović, M. Stoiljković, J. M. Nedeljković, „Structural and magnetic properties of nanocomposites based on nanostructured polyaniline and titania nanotubes“, *Journal of Materials Science* **48** (2013) 5776-5787 (IF= 2,305 za 2013. g.)
- 3.2.29.** N. M. Gavrilov, I.A. Pašti, J.Krstić, M.Mitrić, G. Ćirić-Marjanović, S. Mentus, The synthesis of single phase WC nanoparticles/C composite by solid state reaction involving nitrogen-rich carbonized polyaniline, *Ceramics International* **39** (2013) 8761–8765. (IF= 2,086 za 2013.g.)
- 3.2.30.** G. Ćirić-Marjanović, Recent advances in polyaniline composites with metals, metalloids and nonmetals, *Synthetic Metals*, **170** (2013) 31–56. (IF= 2,222 za 2013.g.)
- 3.2.31.** G. Ćirić-Marjanović, „Recent advances in polyaniline research: polymerization mechanisms, structural aspects, properties and applications“, *Synthetic Metals*, **177** (2013) 1–47. (IF= 2,222 za 2013.g.)
- 3.2.32.** M. Milojević-Rakić, A.Janošević, J. Krstić, B. Nedić Vasiljević, V. Dondur, G. Ćirić-Marjanović, „Polyaniline and its composites with zeolite ZSM-5 for efficient removal of glyphosate from aqueous solution“, *Microporous & Mesoporous Materials* **180** (2013) 141. <https://doi.org/10.1016/j.micromeso.2013.06.025> (IF= 3,209 za 2013.g.)
- 3.2.33.** U. Kosidlo, M. Omastova, M. Micusik, G. Ćirić-Marjanović, H. Randriamahazaka, T. Wallmersperger, A. Aabloo, I. Kolaric, T. Bauernhansl, „Nanocarbon based ionic actuators- a review“, *Smart Materials and Structures* **22** (2013) 104022. (IF= 2,449 za 2013.g.)
- 3.2.34.** D. Micić, B. Šljukić, Z. Žujović, J. Travas-Sejdić, G. Ćirić-Marjanović, „Electrocatalytic activity of carbonized nanostructured polyanilines for oxidation reactions: Sensing of nitrite ions and ascorbic acid“, *Electrochimica Acta* **120** (2014) 147–158. (IF= 4,086 za 2013.g.)
- 3.2.35.** A. A. Rakić, S. Trifunović, G. Ćirić-Marjanović, „Dopant-free interfacial oxidative polymerization of aniline“, *Synthetic Metals* **192** (2014) 56–65. (IF= 2,222 za 2013.g.)
- 3.2.36.** U. Bogdanović, V.V. Vodnik, S.P. Ahrenkiel, M. Stojiljković, G. Ćirić-Marjanović, J. Nedeljković, Interfacial synthesis and characterization of gold/polyaniline nanocomposites, *Synthetic Metals* **195** (2014) 122–131. (IF= 2,222 za 2013.g.)
- 3.2.37.** G. Ćirić-Marjanović, S. Mentus, I. Pašti, N. Gavrilov, J. Krstić, J. Travas-Sejdic, L. T. Strover, J. Kopecká, Z. Moravková, M. Trchová, J. Stejskal, Synthesis, Characterization and Electrochemistry of Nanotubular Polypyrrole and Polypyrrole-Derived Carbon Nanotubes, *Journal of Physical Chemistry C* **118** (2014) 14770-14784. (IF= 4,835 za 2013.g.)
- 3.2.38.** A. Janošević-Ležaić, I.Pašti, M. Vukomanović, G. Ćirić-Marjanović, Polyaniline tannate-Synthesis, characterization and electrochemical assessment of superoxide anion radical scavenging activity, *Electrochimica Acta* **142** (2014) 92-100. (IF= 4,086 za 2013.g.)
- 3.2.39.** A. A. Rakić, M.Vukomanović, S.Trifunović, J. Travas-Sejdic, O. Javed Chaudhary, J. Horský, G. Ćirić-Marjanović, Solvent effects on dopant-free pH-falling polymerization of aniline, *Synthetic Metals* **209** (2015) 279–296. (IF=2.299 za 2015.)

- 3.2.40.** D. J. Jovanović, I. M. Dugandžić, G. Ćirić-Marjanović, T. Radetić, S. P. Ahrenkiel, O. B. Milošević, J. M. Nedeljković, Z. V. Šaponjić, L. T. Mancic, Spherical assemblies of titania nanotubes generated through aerosol processing, *Ceramics International* 41 (2015) 14754–14759. (IF= 2.758 za 2015.)
- 3.2.41.** M. B. Radoičić, M.V. Milošević, D. S. Miličević, E. H. Suljovrujić, G. N. Ćirić-Marjanović, M. M. Radetić, Z. V. Šaponjić, Influence of TiO₂ nanoparticles on formation mechanism of PANI/TiO₂ nanocomposite coating on PET fabric and its structural and electrical properties, *Surface and Coatings Technology*, 278 (2015) 38–47. (IF= 2.139 za 2015.)
- 3.2.42.** A. Janošević Ležaić, D. Bajuk-Bogdanović, M. Radoičić, V. M. Mirsky, G. Ćirić-Marjanović, Influence of synthetic conditions on the structure and electrical properties of nanofibrous polyanilines and their nanofibrous carbonized forms, *Synthetic Metals* 214 (2016) 35–44. (IF=2.299 za 2015.)
- 3.2.43.** J. Milikić, G. Ćirić-Marjanović, S. Mentus, D. M. F. Santos, C. A. C. Sequeira, B. Šljukić, Pd/c-PANI electrocatalysts for direct borohydride fuel cells, *Electrochimica Acta* 213(2016) 298–305. (IF= 4.803 za 2015.)
- 3.2.44.** S. Luginbühl, M. Milojević-Rakić, K. Junker, D. Bajuk-Bogdanović, I. Pašti, R. Kissner, G. Ćirić-Marjanović, P. Walde, The influence of anionic vesicles on the oligomerization of *p*-aminodiphenylamine catalyzed by horseradish peroxidase and hydrogen peroxide, *Synthetic Metals* 226 (2017) 89–103. (IF=2.299 za 2015.)
- 3.2.45.** I. Pašti, M. Milojević-Rakić, K. Junker, D. Bajuk-Bogdanović, P. Walde, G. Ćirić-Marjanović, Superior capacitive properties of polyaniline produced by a one-pot peroxidase/H₂O₂-triggered polymerization of aniline in the presence of AOT vesicles, *Electrochimica Acta* 258 (2017) 834-841. (IF= 4.798 za 2016.)
- 3.2.46.** M. Milojević-Rakić, D. Bajuk-Bogdanović, B. Nedić Vasiljević, A. Rakić, S. Škrivanj, Lj. Ignjatović, V. Dondur, S. Mentus, G. Ćirić-Marjanović, Polyaniline/FeZSM-5 composites – Synthesis, characterization and their high catalytic activity for the oxidative degradation of herbicide glyphosate, *Microporous & Mesoporous Materials* 267 (2018) 68-79. DOI: 10.1016/j.micromeso.2018.03.019
- 3.2.47.** U. Stamenović, N. Gavrilov, I.A. Pašti, M. Otoničar, G. Ćirić-Marjanović, S. D. Škapin, M. Mitrić, V. Vodnik, One-pot synthesis of novel silver-polyaniline-polyvinylpyrrolidone electrocatalysts for efficient oxygen reduction reaction, *Electrochimica Acta* 281 (2018) 549-561. DOI: 10.1016/j.electacta.2018.05.202
- 3.2.48.** Y.Zhang, S. Serrano-Luginbuehl, R. Kissner, M. Milojević-Rakić, D. V. Bajuk-Bogdanović, G. Ćirić-Marjanović, Q. Wang, P. Walde, Enzymatic Synthesis of Highly Electroactive Oligoanilines from a *p*-Aminodiphenylamine / Aniline Mixture with Anionic Vesicles as Templates, *Langmuir* 34 (2018) 9153-9166. DOI:10.1021/acs.langmuir.8b00953
- 3.2.49.** I. A. Pašti, A. Janošević Ležaić, N. M. Gavrilov, G. Ćirić-Marjanović, S. V. Mentus, Nanocarbons derived from polymers for electrochemical energy conversion and storage - A review, *Synthetic Metals*, 246 (2018) 267-281. DOI 10.1016/j.synthmet.2018.11.003
- 3.2.50.** M. Savić Biserčić, B. Marjanović, B. Nedić Vasiljević, S. Mentus, B. A. Zasońska, G. Ćirić-Marjanović, The quest for optimal water quantity in the synthesis of metal-organic framework MOF-5, *Microporous & Mesoporous Materials*, 278 (2019) 23-29. <https://doi.org/10.1016/j.micromeso.2018.11.005>
- 3.2.51.** A. Jevremović, P. Bober, M. Mičušić, J. Kuliček, U. Acharya, J. Pflieger, M. Milojević-Rakić, D. Krajišnik, M. Trchová, J. Stejskal, G. Ćirić-Marjanović, Synthesis and characterization of

polyaniline/BEA zeolite composites and their application in nicosulfuron adsorption, *Microporous & Mesoporous Materials*, 287 (2019) 234-245. <https://doi.org/10.1016/j.micromeso.2019.06.006>

3.2.52. I. M. Minisy, N. Gavrilov, U. Acharya, Z. Morávková, C. Unterweger, M. Mičušík, S.K. Filippov, J.Kredatusová, I. A. Pašti, S. Breitenbach, G. Ćirić-Marjanović, J. Stejskal, P. Bober, Tailoring of carbonized polypyrrole nanotubes core by different polypyrrole shells for oxygen reduction reaction selectivity modification, *Journal of Colloid and Interface Science* 551 (2019) 184–194 <https://doi.org/10.1016/j.jcis.2019.04.064>

3.2.53. P. Walde, K. Kashima, G. Ćirić Marjanović, Synthesizing Polyaniline with Laccase/O₂ as catalyst, *Frontiers in Bioengineering and Biotechnology* 7 (2019) article 165.

3.2.54. J. Mišurović, M. Mojović, B. Marjanović, P. Vulić, G. Ćirić-Marjanović, Magnetite nanoparticles-catalysed synthesis of conductive polyaniline, *Synthetic Metals* 257 (2019) 116174 doi.org/10.1016/j.synthmet.2019.116174

3.2.55. M. Savić Biserčić, B. Marjanović, B. A. Zasońska, S. Stojadinović, G. Ćirić-Marjanović, Novel microporous composites of MOF-5 and polyaniline with high specific surface area, *Synthetic Metals* 262 (2020) 116348 <https://doi.org/10.1016/j.synthmet.2020.116348>

3.2.56. J. Mišurović, M. Mojović, B. Marjanović, P. Vulić, G. Ćirić-Marjanović, Magnetite nanoparticles-catalyzed synthesis of conductive poly(*p*-aminodiphenylamine), *Synthetic Metals* 269 (2020) 116577 <https://doi.org/10.1016/j.synthmet.2020.116577>

3.3. Radovi u istaknutim međunarodnim časopisima (M₂₂)

3.3.1. G. Ćirić-Marjanović, N. Cvjetičanin, S. Mentus, J. Budinski-Simendić, I. Krakovsky, “Electrochemical polymerization of 2-methyl-1-naphthylamine”, *Polymer Bulletin* **50** (2003) 319–326. (IF=0,795 u 2003.g.)

3.3.2. G. Ćirić-Marjanović, M. Trchová, J. Stejskal, “MNDO-PM3 study of the early stages of the chemical oxidative polymerization of aniline”, *Collect. Czech. Chem. Commun.* **71** (2006) 1407–1426. (IF= 0,949 u 2005.g.)

3.3.3. M. C. Stević, Lj. M. Ignjatović, G. Ćirić-Marjanović, D. M. Stanković, J. Zima, S. M. Stanišić, “Voltammetric Behaviour and Determination of 8-Hydroxyquinoline Using a Glassy Carbon Paste Electrode and the Theoretical Study of its Electrochemical Oxidation Mechanism“, *International Journal of Electrochemical Science* **6** (2011) 2509–2525. (IF= 3,729 za 2011.g.)

3.3.4. N.M.Gavrilov, I.A.Pašti, G.Ćirić-Marjanović, V.M. Nikolić, M. P. Marčeta Kaninski, Š. S. Miljanić, S. V. Mentus, Nanodispersed platinum on chemically treated nanostructured carbonized polyaniline as a new PEMFC catalysts, *International Journal of Electrochemical Science* **7** (2012) 6666 – 6676. (IF= 3,729 za 2011.g.)

3.3.5. A. Radulović, V. Dondur, P. Vulić, Z. Miladinović, G. Ćirić-Marjanović, R. Dimitrijević, „Routes of synthesis of nepheline-type polymorphs: An influence of Na-LTA bulk composition on its thermal transformations“, *Journal of Physics and Chemistry of Solids* **74** (2013) 1212–1220. (IF= 1,594 za 2013.g.)

3.3.6. A.A. Rakić, M. Vukomanović, G. Ćirić-Marjanović, Formation of nanostructured polyaniline by dopant-free oxidation of aniline in a water/isopropanol mixture”, *Chemical Papers* **68** (2014) 372–383. (IF= 1.326 za 2015.g.)

3.3.7. I. A. Pašti, N. M. Gavrilov, A.S. Dobrota, M. Momčilović, M. Stojmenović, A. Topalov, D. M. Stanković, B. Babić, G. Ćirić-Marjanović, S. V. Mentus, The effects of a low-level boron, phosphorus, and nitrogen doping on the oxygen reduction activity of ordered mesoporous carbon, *Electrocatalysis* **6** (2015) 498–511. (IF= 2.347 za 2015.)

3.3.8. I. A. Pašti, A. Janošević Ležaić, G. Ćirić-Marjanović, V. M. Mirsky, Resistive gas sensors based on the composites of nanostructured carbonized polyaniline and Nafion, *Journal of Solid State Electrochemistry* **20** (2016) 3061–3069. (IF=2.327 za 2015)

3.3.9. G. Ćirić-Marjanović, M. Milojević-Rakić, A. Janošević Ležaić, S. Luginbühl, P. Walde, Enzymatic oligomerization and polymerization of arylamines: State of the art and perspectives, *Chemical Papers* **71** (2017) 199–242. (IF=1.326 za 2015)

3.3.10. M.V. Carević, N.D. Abazović, M.N. Mitrić, G. Ćirić-Marjanović, M.D. Mojović, S.P. Ahrenkiel, M.I. Čomor, Properties of zirconia/polyaniline hybrid nanocomposites and their applicability for photocatalytic degradation of model pollutants, *Materials Chemistry and Physics* **205** (2018) 130-137. (IF= 2.084 za 2016.) DOI 10.1016/j.matchemphys.2018.04.043

3.3.11. P. Bober, N. Gavrilov, A. Kovalcik, M. Mičušik, C. Unterweger, I. A. Pašti, I. Šedenková, U. Acharya, J. Pflieger, S.K. Filippov, J. Kuliček, M. Omastová, S. Breitenbach, G. Ćirić-Marjanović, J. Stejskal, Electrochemical properties of lignin/polypyrrole composites and their carbonized analogues, *Materials Chemistry and Physics* **213** (2018) 352-361. DOI 10.1016/j.matchemphys.2018.04.043

3.3.12. K. Kashima, T. Fujisaki, S. Serrano-Luginbühl, A. Khaydarov, R. Kissner, A. Janošević Ležaić, D. Bajuk-Bogdanović, G. Ćirić-Marjanović, L. D. Schuler, P. Walde, How experimental details matter. The case of a laccase-catalysed oligomerisation reaction, *RSC Advances* **8** (2018) 33229-33242. DOI 10.1039/c8ra05731a

3.3.13. M. Vranješ, J. Kuljanin-Jakovljević, M. Milošević, G. Ćirić-Marjanović, M. Stojilković, Z. Konstantinović, V. Pavlović, D. Milivojević, Z. Saponjić, Hydrothermal synthesis of Mn²⁺ doped titanate nanotubes: investigation of their structure and room temperature ferromagnetic behaviour, *Solid State Sciences* **94** (2019) 155-161. <https://doi.org/10.1016/j.solidstatesciences.2019.06.008>

3.3.14. K. Kashima, T. Fujisaki, S. Serrano-Luginbühl, R. Kissner, A. Janošević Ležaić, D. Bajuk-Bogdanović, G. Ćirić-Marjanović, S. Busato, T. Ishikawa, P. Walde, Effect of template type on the *Trametes versicolor* laccase-catalyzed oligomerization, *ACS Omega* **4** (2019) 2931-2947. DOI: [10.1021/acsomega.8b03441](https://doi.org/10.1021/acsomega.8b03441)

3.3.15. T. Fujisaki, K. Kashima, S. Serrano-Luginbühl, R. Kissner, D. Bajuk-Bogdanović, M. Milojević-Rakić, G. Ćirić-Marjanović, S. Busato, E. Lizundia, P. Walde, Effect of template type on the preparation of the emeraldine salt form of polyaniline (PANI-ES) with horseradish peroxidase isoenzyme C (HRPC) and hydrogen peroxide, *RSC Advances* **9** (2019) 33080-33095.

3.3. 16. M. Radoičić, G. Ćirić-Marjanović, D. Milićević, E. Suljovrujić, M. Milošević, J. Kuljanin Jakovljević, Z. Šaponjić, Fine-tuning of conductive and dielectric properties of polypyrrole/TiO₂ nanocomposite-coated polyamide fabric, *Composite Interfaces* **28** (2021) 795-808 <https://doi.org/10.1080/09276440.2020.1805219>

3.4. Radovi u međunarodnim časopisima (M₂₃)

3.4.1. G. Ćirić-Marjanović, S. Mentus, 'The dissociation constant of tri-iodide ion in dimethylsulphoxide, *Journal of Serbian Chemical Society* **59** (1994) 639. (IF= 0,277 u 2000.g.)

- 3.4.2.** G. Ćirić-Marjanović, S. Mentus, Charge-discharge characteristics of polythiophene as a cathode active material in a rechargeable battery, *Journal of Applied Electrochemistry* **28** (1998) 103–106. (IF = 0,928 u 1998. g.)
- 3.4.3.** G. Ćirić-Marjanović, B. Marjanović, V. Stamenković, Ž. Vitnik, V. Antić and I. Juranić, Structure and stereochemistry of electrochemically synthesized poly(1-naphthylamine) from neutral acetonitrile solution, *Journal of Serbian Chemical Society*, **67** (12) (2002) 867–877. (IF = 0,361 u 2002. g.)
- 3.4.4.** G. Ćirić-Marjanović, N. Cvjetičanin and S. Mentus, Electrochemical synthesis and structure of poly(2-methyl-1-naphthylamine) films, *Spectroscopy Letters*, **36** (2003) 151–165. (IF=0,576 u 2003. g.)
- 3.4.5.** G. Ćirić-Marjanović, J. Budinski-Simendić and I. Krakovsky, Electrochemical polymerization of 2-methyl-1-naphthylamine in an acidic perchlorate aqueous medium, *Materials Science Forum*, **453-454** (2004) 139–144. (IF= 0,498 u 2004. g.)
- 3.4.6.** G. Ćirić-Marjanović, B. Marjanović, M. Trchová and P. Holler, Structural characterization of poly(*o*-tolidine), *Materials Science Forum*, **494** (2005) 357–362. (IF = 0,399 u 2005. g.)
- 3.4.7.** G. Ćirić-Marjanović, B. Marjanović, I. Juranić, P. Holler, J. Stejskal and M. Trchová, Chemical oxidative polymerization of 4-amino-3-hydroxynaphthalene-1-sulfonic acid and its salts, *Materials Science Forum*, **518** (2006) 405–410. (IF=0,399 u 2005. g.)
- 3.4.8.** G. N. Ćirić-Marjanović, B. N. Marjanović, M. M. Popović, V. V. Panić, V. B. Mišković-Stanković, Anilinium 5-sulfosalicylate electropolymerization on mild steel from an aqueous solution of sodium 5-sulfosalicylate / disodium 5-sulfosalicylate, *Russian Journal of Electrochemistry* **42** (2006) 1358–1364. (IF = 0,189 u 2006. g.)
- 3.4.9.** B. Marjanović, G. Ćirić-Marjanović, A. Radulović, I. Juranić and P. Holler, Synthesis and characterization of the polyacriflavine, *Materials Science Forum* **555** (2007) 503. (IF = 0,399 u 2005. g.)
- 3.4.10.** G. Ćirić-Marjanović, A. Janošević, B. Marjanović, M. Trchová, J. Stejskal, P. Holler, Chemical oxidative polymerization of dianilinium 5-sulfosalicylate, *Russian Journal of Physical Chemistry A* **81** (2007) 1418. (IF = 0,477 u 2007.)
- 3.4.11.** B. Marjanović, I. Juranić, S. Mentus, G. Ćirić-Marjanović, P. Holler, Oxidative polymerization of anilinium 5-sulfosalicylate with peroxydisulfate in water, *Chemical Papers* **64** (2010) 783–790. (IF= 0.754 za 2010.g.)
- 3.4.12.** A. M. Janošević, G. N. Ćirić-Marjanović, Oxidative polymerization of aniline in the presence of phenolic acids/Oksidativna polimerizacija anilina u prisustvu fenolnih kiselina, *Hemijska Industrija* **64**(3) (2010) 215–220. (IF= 0,137 za 2010.g.)
- 3.4.13.** B. Šljukić, I. Stojković, N. Cvjetičanin, G. Ćirić-Marjanović, Hydrogen peroxide sensing at MnO₂/carbonized nanostructured polyaniline electrode, *Russian Journal of Physical Chemistry A* **85** (2011) 2406–2409. (IF= 0,459 za 2011.g.)
- 3.4.14.** G. Ćirić-Marjanović, I. Pašti, N. Gavrilov, A. Janošević, S. Mentus, Carbonised polyaniline and polypyrrole: towards advanced nitrogen-containing carbon materials, *Chemical Papers* **67** (2013) 781–813. (IF=1,193 za 2013.g.)

3.4.15. B. Šljukić, D. Micić, N. Cvjetičanin, G. Ćirić-Marjanović, Nanostructured materials for sensing Pb(II) and Cd(II) ions: manganese oxyhydroxide versus carbonized polyanilines, *Journal of the Serbian Chemical Society* **78** (2013) 1717–1727. (IF= 0,889 za 2013.g.)

3.4.16. A. Janošević, B. Marjanović, A. Rakić, G. Ćirić-Marjanović, Progress in conducting/semiconducting and redox-active oligomers and polymers of arylamines, *Journal of the Serbian Chemical Society* **78** (2013) 1809–1836. (IF= 0,889 za 2013.g.)

3.4. 17. IA Pašti, AS Dobrota, NM Gavrilov, G Ćirić-Marjanović, S Mentus, Effects of alkali metal cations on oxygen reduction on N-containing carbons viewed as the interplay between capacitive and electrocatalytic properties: Experiment and theory, *Journal of the Serbian Chemical Society* **84** (2019) 901-914. <https://doi.org/10.2298/JSC190426072P>

4. Naučni radovi objavljeni u časopisima nacionalnog značaja

4.1. G.Ćirić-Marjanović, S.Mentus, Ispitivanje politiofenskog filma na staklastom ugljeniku kao elektrodno materijala, *Izvori električne energije*, **3-4**, (1996) 333–339.

4.2. G.Ćirić-Marjanović, J. Budinski-Simendić, I. Krakovsky, N. Cvjetičanin i S. Mentus, Elektrohemijska polimerizacija 2-metil-1-naftalenamina i karakterizacija polimernih produkata, *Svet polimera*, **6(3)** (2003) 93–97.

4.3. Lj. Dragičević, G. Ćirić-Marjanović, Sinteza i karakterizacija nanokompozita polianilin-silicijum dioksid, *Tehnika-Novi materijali* **2** (2008) 1–6.

4.4. A. M. Janošević, G. N. Ćirić-Marjanović, Sinteza nanostrukturiranog provodnog polianilina u prisustvu 5-sulfosalicilne kiseline, *Hemijska Industrija* **62(3)** (2008) 107–113.

4.5. J.Ž.Mišurović, G.N.Ćirić-Marjanović, Sinteza i strukturna karakterizacija polianilina nanovlakanaste morfologije, *Tehnika-Novi materijali* **73** (4) (2018) 463-469.

5. Naučna saopštenja

5.1. Saopštenja sa međunarodnih skupova štampana u celini (M₃₃)

5.1.1. G.Ćirić-Marjanović and S.Mentus, “Polythiophene as a support of the oxygen electrode in a Zn /air fuel cell”, 4th International Conference on Fundamental and Applied Aspects of Physical Chemistry, “Physical Chemistry 98”, September 23-25., 1998, Belgrade, Yugoslavia, Book of Proceedings, p. 279–281.

5.1.2. G.Ćirić-Marjanović, N.Cvjetičanin, S.Mentus, “Electrochemical polymerization of 2-methyl-1-naphthylamine”, 6th International Conference on Fundamental and Applied Aspects of Physical Chemistry, “Physical Chemistry 2002”, September 26-28., 2002, Belgrade, Yugoslavia, Book of Proceedings, p.260–262.

5.1.3. G. Ćirić-Marjanović, B. Marjanović and P. Holler, “Oxidative chemical polymerization of *o*-tolidine”, 7th International Conference on Fundamental and Applied Aspects of Physical Chemistry, “Physical Chemistry 2004”, September 21-23., 2004, Belgrade, Serbia and Montenegro, Book of Proceedings, Vol. II, p.619–621.

5.1.4. G. Ćirić-Marjanović and B. Marjanović, “UV-Visible spectroscopical study of 1-amino-2-naphthol-4-sulfonic acid electropolymerization”, 7th International Conference on Fundamental and

Applied Aspects of Physical Chemistry, "Physical Chemistry 2004", September 21-23., 2004, Belgrade, Serbia and Montenegro, Book of Proceedings, Vol. II, p.604–606.

5.1.5. G. Ćirić-Marjanović, A. Janošević, B. Marjanović, M. Trchová, J. Stejskal and P. Holler, "Chemical oxidative polymerization of di-anilinium 5-sulfosalicylate", 8th International Conference on Fundamental and Applied Aspects of Physical Chemistry, "Physical Chemistry 2006", September 26-29, 2006, Belgrade, Serbia, Book of Proceedings, Vol. II, p.582–584.

5.1.6. G. Ćirić-Marjanović, Z. Jovanović, B. Marjanović, and I. Juranić, "Synthesis of conductive polyaniline nanoparticles by oxidation of aniline with cerium (IV) sulfate", 8th International Conference on Fundamental and Applied Aspects of Physical Chemistry, "Physical Chemistry 2006", September 26-29, 2006, Belgrade, Serbia, Book of Proceedings, Vol. II, p. 579 –581.

5.1.7. M. Trchová, I. Šeděnková, G. Ćirić-Marjanović, J. Stejskal, "Evolution of polyaniline nanotubes – a spectroscopic study", World Polymer Congress–Macro 2006, 41st International Symposium on Macromolecules, Rio de Janeiro, Brasil, July 16-21, 2006. poster 0285, on CD.

5.1.8. M. Trchová, G. Ćirić-Marjanović, J. Stejskal, „The chemical oxidative polymerization of aniline in water: quantum chemical study and Raman spectroscopy“, European Polymer Congress 2007 (EPF- 2007), Portorož, Slovenia, July 2 – 6, 2007, Programme and Book of Abstracts, ISBN 978-961-90731-7-9, poster P5.2.25, page 260.

5.1.9. M. Mustafa, G.Ćirić-Marjanović, "Self-assembled nanostructures of polyaniline prepared with Fenton reagent", 3rd Serbian Congress for Microscopy, Belgrade, Serbia, September 25-28, 2007, Proceedings, p. 101.

5.1.10. D. Banković, G.Ćirić-Marjanović, „Nanostructured macromolecular complex polyaniline-Carbopol 940“, 3rd Serbian Congress for Microscopy, Belgrade, Serbia, September 25-28, 2007, Proceedings, p. 47.

5.1.11. M. Radoičić, Z. Šaponjić, J. Nedeljković, J. Stejskal, G. Ćirić-Marjanović, „Synthesis and characterization of conducting polyaniline nanotubes in the presence of colloidal TiO₂ nanoparticles“, 9th International Conference on Fundamental and Applied Aspects of Physical Chemistry, "Physical Chemistry 2008", September 24-26, 2008, Belgrade, Serbia, Book of Proceedings, Vol. II, p. 555–557.

5.1.12. A. Rakić, M. Milojević, D. Bajuk-Bogdanović and G. Ćirić-Marjanović , »The oxidation of aniline in water: influence of aniline concentration on the formation of polyaniline nanostructures«, 10th International Conference on Fundamental and Applied Aspects of Physical Chemistry "Physical Chemistry 2010", 21-24 September, Belgrade, Serbia, p. 432-434.

5.1.13. M. Radoičić, Z. Šaponjić, J.M. Nedeljković, M. Čomor, G. Ćirić-Marjanović, "Photocatalytical properties of polyaniline/TiO₂ nanocomposite", 10th International Conference on Fundamental and Applied Aspects of Physical Chemistry "Physical Chemistry 2010", 21-24 September, Belgrade, Serbia, p. 146-148.

5.1.14. B. Šljukić, I. Stojković, N. Cvjetičanin and G. Ćirić-Marjanović, "Manganese dioxide modified carbonized polyaniline nanostructures: synthesis and application in electroanalysis“, 10th International Conference on Fundamental and Applied Aspects of Physical Chemistry "Physical Chemistry 2010", 21-24 September, Belgrade, Serbia, p. 271-273.

5.1.15. A.A. Rakić, G. N. Ćirić-Marjanović, "Dopant-free polymerization of aniline in the water/isopropanol mixture“, 11th International Conference on Fundamental and Applied Aspects of Physical Chemistry "Physical Chemistry 2012", 24-28 September 2012, Belgrade, Serbia.

5.1.16. A. A. Rakić, V. B. Pavlović, G. N. Ćirić-Marjanović, “Synthesis of polyaniline-collagen composites by dopant-free polymerization of aniline in aqueous solution“, 11th International Conference on Fundamental and Applied Aspects of Physical Chemistry “Physical Chemistry 2012”, 24-28 September 2012, Belgrade, Serbia.

5.1.17. N. Bošnjaković-Pavlović, I. Holclajtner-Antunović, A. Rakić, D. Manojlović, G. Ćirić-Marjanović, “Polyaniline-decavanadate hybrid nanomaterial: Preparation and characterization“, 11th International Conference on Fundamental and Applied Aspects of Physical Chemistry “Physical Chemistry 2012”, 24-28 September 2012, Belgrade, Serbia.

5.1.18. U. Bogdanović, V. Vodnik, I. Pašti, G. Ćirić-Marjanović, M. Mitrić, S.P. Ahrenkiel, 13th “Electrocatalytic application of gold-polyaniline nanocomposite“, 13th International Conference on Fundamental and Applied Aspects of Physical Chemistry-Physical Chemistry 2016, 26–30 September, Belgrade, Serbia, Proceedings p. 391-394.

5.1.19. A. Sundar, B. S. Bassil, D. Bajuk-Bogdanović, G. Ćirić-Marjanović, O. V. Zalomaeva, N. V. Maksimchuk, O. A. Kholdeeva, U. Kortz, Peroxo-Zr/Hf containing polyoxometalates: Synthesis, structure and detailed Raman spectroscopis studies, 15th International Conference on Fundamental and Applied Aspects of Physical Chemistry 2021, Belgrade, Serbia, 20–24 September 2021, virtual meeting, Book of abstracts p. 32

5.2. Saopštenja sa međunarodnih skupova, štampana u izvodu (M₃₄)

5.2.1. G. Ćirić-Marjanović and S.Mentus, “A rechargeable battery of the type polythiophene on perovskite substrate / propylene-carbonate, LiClO₄, Zn (ClO₄)₂ / Zn”, 47. Annual meeting of the I.S.E., september 1-6, 1996, Veszprem-Balatonfured, Hungary, P 2C-7.

5.2.2. G.Ćirić-Marjanović, I. Krakovsky, J. Budinski-Simendić, S. Mentus “Electrochemical polymerization of 2-methyl-1-naphthylamine in an acidic perchlorate aqueous medium”, The fifth Yugoslav Materials Research Society Conference YUCOMAT 2003, September 15-19, 2003, Herceg Novi, Serbia and Montenegro, The Book of Abstracts, p.23.

5.2.3. G. Ćirić-Marjanović, B. Marjanović, M. Trchová and P. Holler, “Structural characterization of poly(*o*-tolidine)”, The sixth Yugoslav Materials Research Society Conference YUCOMAT 2004, September 13-17, 2004, Herceg Novi, Serbia and Montenegro, The Book of Abstracts, p. 90.

5.2.4. G. Ćirić-Marjanović, B. Marjanović, “Electrochemical polymerization of anilinium 5-sulphosalicylate”, The sixth Yugoslav Materials Research Society Conference YUCOMAT 2004, September 13-17, 2004, Herceg Novi, Serbia and Montenegro, The Book of Abstracts, p.89.

5.2.5. G. Ćirić-Marjanović, T. Miletić, B. Marjanović, I. Juranić, M. Trchová, P. Holler, «Oxidative chemical polymerization of 3,3'-dimethyl-biphenyl-4,4'-diamine”, 1th South East European Congress of Chemical Engineering “SEECChE 1” September 25-28, 2005, Belgrade, Serbia and Montenegro, The Book of Abstracts, p.128.

5.2.6. B. Marjanović, G.Ćirić-Marjanović, I. Juranić, P. Holler, «Synthesis and characterization of the poly(anilinium 5-sulfosalicylate)», The seventh Yugoslav Materials Research Society Conference YUCOMAT 2005, September 12-16, 2005, Herceg Novi, Serbia and Montenegro, The Book of Abstracts, p.75.

5.2.7. G. Ćirić-Marjanović, B. Marjanović, I. Juranić, P. Holler, J. Stejskal, M. Trchová, «Oxidative chemical polymerization of 4-amino-3-hydroxy-naphthalene-1-sulfonic acid and its salts», The seventh Yugoslav Materials Research Society Conference YUCOMAT 2005, September 12-16, 2005, Herceg Novi, Serbia and Montenegro, The Book of Abstracts, p.108.

- 5.2.8.** Ćirić-Marjanović G. N., Marjanović B.N., Popović M.M., Panić V.V., Mišković-Stanković V.B., «Anilinium 5-sulfosalicylate electropolymerization on mild steel from an aqueous solution of sodium 5-sulfosalicylate/disodium 5-sulfosalicylate», 8th International Frumkin Symposium «Kinetics of electrode processes», October 18–22, 2005, Moscow, Russia, The Book of Abstract, p. 217.
- 5.2.9.** M. Trchová, I. Šeděnkova, G. Ćirić-Marjanović, E.N. Konyushenko, J. Stejskal, «Evolution of nanotubular structure during aniline polymerization», International Conference on Synthetic Metals (ICSM), July 2–7, 2006, Dublin, Ireland, 158–W.
- 5.2.10.** G. Ćirić-Marjanović, I. Šeděnkova, S.V. Solosin, J. Stejskal, M. Trchová, «Spectroscopic study of polyaniline nanotube formation», 45th Microsymposium of P.M.M., Structure and dynamics of self-organized macromolecular systems, July 9–13, 2006, Prague, Czech Republic, Programme Booklet Volume K 84, PC 55, p.120.
- 5.2.11.** B. Marjanović, G. Ćirić-Marjanović, I. Juranić and P. Holler, «Synthesis and characterization of the polyacriflavine», The eighth Yugoslav Materials Research Society Conference YUCOMAT 2006, September 4–8, 2006, Herceg Novi, Montenegro, The Book of Abstracts, p.106.
- 5.2.12.** M. Trchová, G. Ćirić-Marjanović, J. Stejskal, „Raman spectroscopic study of polyaniline nanotubes formation“, 41st IUPAC Congress, Chemistry Protecting Health, Natural Environment, and Cultural Heritage, Torino, Italy, August 5-10, 2007, Programme and Abstracts, poster S04AP19, page 80.
- 5.2.13.** M. Trchová, G. Ćirić-Marjanović, J. Stejskal, „FTIR spectroscopic characterization in evolution of polyaniline nanotubes“, 41st IUPAC Congress, Chemistry Protecting Health, Natural Environment, and Cultural Heritage, Torino, Italy, August 5-10, 2007, Programme and Abstracts, poster S04AP40, page 84.
- 5.2.14.** M. Trchová, G. Ćirić-Marjanović, J. Stejskal, „Phenazine-like unit formation during evolution of polyaniline nanotubes: Raman and FTIR spectroscopy“, Congress ‘Matériaux et Nanostructures π Conjugés MNPC’, Le Grau du Roi – Montpellier, September 17-21, 2007, poster, Book of abstracts A2-8.
- 5.2.15.** M. Savić, A. Radulović, G. Ćirić-Marjanović, »Conducting nanostructures of polyaniline doped with sulfuric acid«, Ninth Annual Conference of the Yugoslav Materials Research Society YUCOMAT 2007, September 10–14, 2007, Herceg Novi, Montenegro, The Book of Abstracts, p.130.
- 5.2.16.** V. Dondur, G. Ćirić-Marjanović, A. Radulović, Z. Vuković, M. Milojević, »Synthesis and characterization of polyaniline-zeolite nanocomposite«, Ninth Annual Conference of the Yugoslav Materials Research Society YUCOMAT 2007, September 10–14, 2007, Herceg Novi, Montenegro, The Book of Abstracts, p.8.
- 5.2.17.** A. Janošević, G. Ćirić-Marjanović, B. Simonović, M. Trchová, P. Holler, J. Stejskal, »Synthesis of nanostructured conducting polyaniline in the presence of 3,5-dinitrosalicylic acid«, Ninth Annual Conference of the Yugoslav Materials Research Society YUCOMAT 2007, September 10–14, 2007, Herceg Novi, Montenegro, The Book of Abstracts, p.130.
- 5.2.18.** D. Kosić, B. Marjanović, M. Trchová, P. Holler, G. Ćirić-Marjanović, »Synthesis and characterization of the benzocaine oligomers«, Ninth Annual Conference of the Yugoslav Materials Research Society YUCOMAT 2007, September 10–14, 2007, Herceg Novi, Montenegro, The Book of Abstracts, p.131.
- 5.2.19.** B. Marjanović, I. Juranić, M. Trchová, P. Holler, G. Ćirić-Marjanović, »Chemical oxidative oligomerization of the ethacridine lactate«, Ninth Annual Conference of the Yugoslav Materials

Research Society YUCOMAT 2007, September 10–14, 2007, Herceg Novi, Montenegro, The Book of Abstracts, p.131.

5.2.20. G. Ćirić-Marjanović, Đ. Trpkov, B. Marjanović, “Synthesis and characterization of semiconducting macromolecular complex polyaniline-starch”, Tenth Annual Conference YUCOMAT 2008, September 8–12, 2008, Herceg Novi, Montenegro, The Book of Abstracts, p.81.

5.2.21. G. Ćirić-Marjanović, D. Bajuk-Bogdanović, I. Holclajtner-Antunović, S. Mentus, »Synthesis and characterization of polyaniline micro-nanostructures doped with 12-tungstophosphoric acid», 11th Annual Conference YUCOMAT 2009, August 31–September 4, 2009, Herceg Novi, Montenegro, The Book of Abstracts, p. 86.

5.2.22. M. Radoičić, Z. Šaponjić, J. Nedeljković, G. Ćirić-Marjanović, «Synthesis and characterization of polyaniline/TiO₂ nanocomposite», 2nd International Conference on Physics of Optical Materials and Devices, August 26th–September 31st, 2009, Herceg Novi, Montenegro, Book of Abstracts, p. 151.

5.2.23. J. Stejskal, M. Trchová, E. N. Konyushenko, J. Kovářová, G. Ćirić-Marjanović, «The carbonization of polyaniline nanotubes to nitrogen-containing carbon nanotubes», 28th Polymer Degradation Discussion Group Meeting, September 6-10th, 2009, Sestri Levante, Italy, Book of Abstracts, p. 87.

5.2.24. M. Trchová, E. N. Konyushenko, J. Stejskal, J. Kovářová, G. Ćirić-Marjanović, «Synthesis of Novel Nitrogen-Containing Nanotubes by Pyrolysis of Polyaniline Nanotubes», International Workshop on Electrochemistry of Electroactive Materials (WEEM 2009), July 14-19, 2009, Szczyrk, Poland, Book of Abstracts, p. 82.

5.2.25. Z. Šaponjić, M. Radoičić, M. Mitrić, J. Nedeljković, G. Ćirić-Marjanović, «Increased conductivity in polyaniline-TiO₂ nanocomposites», Hybrid and Organic Photovoltaics 2010 Conference, Assisi, Italy, 23-27 May 2010.

5.2.26. M. Radoičić, Z. Šaponjić, Z. Konstantinović, J. Nedeljković, and G. Ćirić-Marjanović, «Structural and magnetic properties of polyaniline/TiO₂ nanocomposite”, Nano2010, Rome, Italy, September 2010.

5.2.27. G. Ćirić-Marjanović, D. Bajuk-Bogdanović, I. Holclajtner-Antunović, D. Manojlović, S. Mentus, «Evolution of polyaniline 12-tungstophosphate micro/nanostructures», 12th Annual Conference YUCOMAT 2010, September 6–10, 2010, Herceg Novi, Montenegro, The Book of Abstracts, p. 146.

5.2.28. A. Janošević, G. Ćirić-Marjanović, «Oxidation of aniline with peroxydisulfate in the presence of tannic acid: polyaniline micro/nanostructures», 12th Annual Conference YUCOMAT 2010, September 6–10, 2010, Herceg Novi, Montenegro, The Book of Abstracts, p. 146.

5.2.29. N. Gavrilov, I. Pašti, G. Ćirić-Marjanović, S. Mentus, “Platinum nanoparticles on carbonized PANI nanotubes as electrocatalyst for the oxygen reduction reaction”, Second Regional Symposium on Electrochemistry: South-East Europe (RSE-SEE), Belgrade, Serbia, June 6-10, 2010.

4.2.30. A. M. Janošević, G. Ćirić-Marjanović, Synthesis of nanostructured polyaniline in the presence of vanillic acid 9th Young Researchers Conference-Materials Sciences and Engineering, December 20-22, 2010, Belgrade, Serbia, Book of Abstracts, p.22.

5.2.31. A. Janošević, I. Pašti, N. Gavrilov, S. Mentus, G. Ćirić-Marjanović, «Micro/mesoporous conducting carbonized polyaniline 5-sulfosalicylate 1-D nanostructures for efficient oxygen reduction

electrocatalysis», 75th Prague Meeting on Macromolecules-Conducting Polymers: Formation, Structure, Properties and Applications, Prague, Czech Republic, 10-14 July 2011, PC24, Programme booklet p. 113.

5.2.32. B. Šljukić, D. Micić, A. Janošević, G. Ćirić-Marjanović, “Carbonized nanostructured polyanilines: application for lead and cadmium sensing”, EUROanalysis 2011 – 16th European Conference of Analytical Chemistry “Challenges in Modern Analytical Chemistry”, 11-15 September 2011, Belgrade, Serbia, EC17, Programme booklet.

5.2.33. A.A. Rakić, G. Ćirić-Marjanović, “Synthesis of polyaniline by dopant-free interfacial polymerization of aniline”, Tenth Young Researchers Conference—Materials Science and Engineering, December 21-23, 2011, Belgrade, Serbia, Book of Abstracts, p.46.

5.2.34. M.C. Stević, Lj.M. Ignjatović, G. Ćirić-Marjanović, D.M. Stanković, J. Zima, „Voltammetric behaviour and determination of 8-hydroxyquinoline using glassy carbon paste electrode and the theoretical study of its oxidation mechanism“, Euroanalysis 16, September 11-15, 2011, Belgrade, Abstracts, Programme booklet p. 17.

5.2.35. M. Radoičić, Z. Šaponjić, G. Ćirić-Marjanović, Z. Konstantinović, J. Nedeljković, Ferromagnetic polyaniline/TiO₂ nanocomposites, The Eleventh Young Researchers’ Conference—Materials Science and Engineering, December 3-5, 2012, Belgrade, Serbia, Book of Abstracts, p.19.

5.2.36. Z. Morávková, G. Ćirić-Marjanović, B. Marjanović, P. Bober, J. Stejskal, M. Trchová, The oxidative polymerization of p-phenylenediamine with silver nitrate: toward highly conducting micro/nanostructured silver/conjugated polymer composites, *ICSM 2012*. Atlanta : Center for Organic Photonics and Electronics - Georgia Institute of Technology, 2012. s. 293. (International Conference on Science and Technology of Synthetic Metals 2012 - ICSM 2012. 08.07.2012-13.07.2012, Atlanta, USA).

5.2.37. M. Milojević-Rakić, A. Janošević-Ležaić, V. Dondur, and G. Ćirić-Marjanović, Pesticide adsorption on zeolites, polyaniline and their composites, The 9th International Conference on the Occurrence, Properties, and Utilization of Natural Zeolites - Zeolite 2014, Belgrade, Serbia, 8-13 June 2014, Book of abstracts p. 151-152.

5.2.38. S. Luginbühl, M. Milojević-Rakić, K. Junker, D. Bajuk-Bogdanović, I. Pašti, R. Kissner, G. Ćirić-Marjanović, P. Walde, Influence of vesicles on the horseradish peroxidase-catalyzed oligomerization of the aniline dimer, *p*-aminodiphenylamine, Annual Meeting of the Division of Polymers, Colloids and Interfaces of the Swiss Chemical Society - PolyColl 2015, July 3, 2015, Fribourg, Switzerland.

5.2.39. A. Janošević Ležaić, M. Milojević-Rakić, D. Bajuk-Bogdanović, I. Pašti, G. Ćirić-Marjanović, S. Luginbühl, P. Walde, AOT Vesicles-assisted enzyme-catalyzed oligomerization of *N*-phenyl-1,4-phenylenediamine: Raman spectroscopy and cyclic voltammetry study, 81st Prague Meeting on Macromolecules, Prague, Czech Republic, September 10-14, 2017.

5.2.40. P. Walde, S. Luginbühl, G. Ćirić-Marjanović, Steering an Enzymatic Reaction with Vesicles, 254th American Chemical Society National Meeting in Washington D.C., August 20-24, 2017. Session on the „Self-Assembly of Synthetic and Biological Surfactants: Translating Fundamentals into Applications”, within the Division of Colloid and Surface Chemistry (COLL).

5.2. 41. J. Mišurović, G. Ćirić-Marjanović, Nanofibrous polyaniline preparation by the oxidative polymerization of aniline with the oxidant in excess: Raman and FTIR spectroscopy study, YUCOMAT 2018, September 3–7, 2018, Herceg Novi, Montenegro, The Book of Abstracts, p.38.

5.2.42. J. Mišurović, G. Ćirić-Marjanović Novel, eco-friendly approach for the oxidative polymerization of aniline using Fe₃O₄ nanoparticles/H₂O₂ catalytic system 18th *Young Researchers' Conference Materials Science and Engineering*, December 4-6, 2019, Beograd, p.47.

5.2.43. J. Mišurović, G. Ćirić-Marjanović, D. Bajuk-Bogdanović, Investigation of aniline and p-aminodiphenylamine oxidation products formed using Fe₃O₄ NPs/H₂O₂ system: Structure and electrochemical behavior, 71st Annual Meeting of the International Society of Electrochemistry (ISE), 30 August - 4 September 2020, Belgrade, Serbia

5.2.44. J. Mišurović, B. Marjanović, G. Ćirić-Marjanović, Spectroscopic characterization and redox behaviour of electroconducting poly(p-ADPA) synthesized by simple and eco-friendly method using magnetite nanoparticles as a catalyst, TWENTY-SECOND ANNUAL CONFERENCE YUCOMAT 2021 Herceg Novi, Montenegro, August 30 –September 3, 2021, The Book of Abstracts p.95

5.3. Saopštenja sa skupova nacionalnog značaja štampana u celini (M₆₃)

5.3.1. S. Mentus, Z. Mentus i G. Ćirić-Marjanović, “Kinetika heksacijanoferatnog redoks para na staklastom karbonu”, XII Jugoslovenski simpozijum o elektrohemiji, 3-8. juni 1991, Igman, Knjiga radova, str.137-138.

5.3.2. G. Ćirić-Marjanović i S. Mentus, “Promena elektrohemijske aktivnosti površine staklastog karbona zbog starenja na vazduhu”, 1. Savetovanje Društva fizikohemičara Srbije, 7-9. oktobar 1992, Beograd, Knjiga radova, str. 85-86.

5.3.3. G. Ćirić-Marjanović, B. Marjanović i S. Mentus, “Ispitivanje uslova sinteze polianilina maksimalne elektronske provodljivosti”, 2. Savetovanje Društva fizikohemičara Srbije, 26-28. septembar 1994, Beograd, Knjiga radova, str.203.-204.

5.3.4. S. Mentus i G. Ćirić-Marjanović “Ispitivanje elektropolimerizacije tiofena i redoks procesa filma politiofena”, 13. jugoslovenski simpozijum o elektrohemiji, Vrnjačka Banja, 11.-15. jun 1995., Knjiga radova, str. 283.-286.

5.3.5. G.Ćirić-Marjanović, S.Mentus, “Sekundarna ćelija tipa politiofen na staklastom ugljeniku / propilen-karbonat, LiClO₄, Zn(ClO₄)₂/Zn“, 3. Savetovanje Društva fizikohemičara Srbije “Fizička hemija 96” sa međunarodnim učešćem, September 25-27. 1996., Belgrade, Yugoslavia, Knjiga radova p. 305–306.

5.3.6. G. Ćirić-Marjanović i S. Mentus, “Ispitivanje ćelije cink/politiofen sa želatinoznim elektrolitom na bazi poliakrilonitrila”, XIV Jugoslovenski simpozijum o elektrohemiji, Bečići, 15.-18. Jun, 1998. Knjiga radova, str. 65.-66.

5.3.7. G.Ćirić-Marjanović, B. Marjanović, J. Budinski-Simendić i I. Krakovsky, “Elektrohemijsko ponašanje 1-amino-2-hidroksi-4-naftalensulfonske kiseline” XVI Simpozijum o elektrohemiji Srbije i Crne Gore, Kotor, 1.-3. Jun, 2004., Knjiga radova, str. 27-28.

5.4. Saopštenja sa skupova nacionalnog značaja štampana u izvodu (M₆₄)

5.4.1. G. Ćirić-Marjanović i S.Mentus, ”Mehanizam redoks reakcije $J_3^- \rightleftharpoons 3J^-$ na staklastom karbonu”, IX jugoslovenski kongres hemije i hemijske tehnologije, Herceg Novi, 26.-29. maj 1992, Izvodi radova, str. 98.

5.4.2. A. Janošević, G. Ćirić-Marjanović, »Sinteza nanostrukturiranog provodnog polianilina u prisustvu 5-sulfosalicilne kiseline«, Šesta konferencija mladih istraživača, Beograd, Srbija, 24-26. decembar, 2007. Zbornik apstrakata str.11.

5.4.3. Lj. Dragičević, G. Ćirić-Marjanović, »Sinteza i karakterizacija nanokompozita polianilin-silicijum dioksid«, Šesta konferencija mladih istraživača, Beograd, Srbija, 24-26. decembar, 2007. Zbornik apstrakata str.21.

5.4.4. A.M. Janošević, G.N.Ćirić-Marjanović, Sinteza nanostrukturiranog elektroprovodnog polianilina u prisustvu taninske kiseline, Sedma konferencija mladih istraživača, Beograd, Srbija, 22-24. decembar, 2008. Zbornik apstrakata str.2.

5.4.5. Janošević A., Ćirić-Marjanović G., Oksidativna polimerizacija anilina u prisustvu fenolnih kiselina, Osmo konferencija mladih istraživača, "Nauka i inženjstvo novih materijala", 2009, decembar, Beograd, Srbija.

6. Editorial material (comments, reply to comments)

6.1. B. Marjanović, I. Juranić, G. Ćirić-Marjanović, Reply to "Comment on 'Revised mechanism of Boyland-Sims oxidation' ", *Journal of Physical Chemistry A* 115 (2011) 7865–7868.

Citiranost objavljenih radova

Naučni radovi Gordane Ćirić-Marjanović citirani su ukupno **5193** puta, h-index=**37**, i10-index=**77**, prema bazi Google Scholar, a ukupno **4005** puta, h-index=**35** prema bazi SCOPUS (podaci za 22. decembar 2021).

Patenti

Prihvaćeni nacionalni patenti:

-Patent br. **53366** (Patentna prijava II-2011/0565), Nemanja Gavrilov, Igor Pašti, Milica Vujković, Gordana Ćirić-Marjanović, Slavko Mentus, „Elektrolitički superkondenzator na bazi ugljeničnih nanočestica sa vodenim elektrolitičkim rastvorom“.

-Patent br. **54982** (Patentna prijava P-2012/0584) Gavrilov Nemanja, Pašti Igor, Krstić Jugoslav, Ćirić-Marjanović Gordana, Mentus Slavko, „Sinteza nanodispergovanog kompozita volfram karbida i ugljenika metodom istovremene redukcije i karburizacije WO₃ pomoću ugljeničnog materijala bogatog kovalentno vezanim azotom“.

Naučni projekti

Domaći projekti

a) **Učesnik:** od zapošljavanja na Fakultetu za fizičku hemiju dr Gordana Ćirić-Marjanović bila je u kontinuitetu učesnik na projektima Ministarstva za nauku Republike Srbije. Poslednja dva projekta na kojima je bila učesnik su:

- projekat Ministarstva za nauku i zaštitu životne sredine Republike Srbije broj 1399: *Struktura, termodinamičke i elektrohemijske osobine savremenih materijala za konverziju energije i komponente u elektronici*, 01. 01.2002. – 31. 12. 2005. god.

- projekat Ministarstva za nauku i zaštitu životne sredine Republike Srbije broj 142047: *Struktura, termodinamičke i elektrohemijske osobine materijala za konverziju energije i nove tehnologije*, 01. 01. 2005.– 31. 12. 2010.

b) **Rukovodilac:**

- projekat br. OI172043, *Elektroprovodni i redoks-aktivni polimeri i oligomeri: sinteza, struktura, svojstva i primena*, finansiran od strane Ministarstva za nauku i tehnološki razvoj Republike Srbije, za period 01.01.2011.–31.12.2019. god.

-Projekat *Advanced Conducting Polymer-Based Materials for Electrochemical Energy Conversion and Storage, Sensors and Environmental Protection – AdConPolyMat*, u okviru programa IDEJE, finansiran od strane Fonda za nauku Republike Srbije, 01.01. 2022 – 31. 12. 2024.god.

Medunarodni projekti

1. Agreement on Scientific Research Cooperation on the Synthesis and Structure of Conducting Polymer - between Faculty of Physical Chemistry, University of Belgrade and Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, 2005–2007. (koordinador projekta G. Ćirić-Marjanović)

2. IUPAC project No. 2006-018-2-400, Polymer Division, "*Infrared spectroscopy of conducting polymer nanotubes*", (učesnik na projektu G. Ćirić-Marjanović) 2007-2009. <http://www.iupac.org/projects/2006/2006-018-2-400.html>

3. Agreement on Scientific Research Cooperation on the Synthesis and Characterization of Conducting Polymers - between Faculty of Physical Chemistry, University of Belgrade and Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, 2007–2009 (koordinador projekta G. Ćirić-Marjanović).

4. COST Action MP1003 "*European Scientific Network for Artificial Muscles*" (dec. 2010 – dec. 2014), MC member iz Srbije i rukovodilac domaćeg istraživačkog tima G. Ćirić-Marjanović).

5. Danube States R&D network project: „*New materials and devices based on conducting polymers and their composites*“ - Grant no. 01DS13013, finansiran od strane German Federal Ministry of Education and Research (01.10.2013. –30.9.2014), rukovodilac prof. V. Mirsky, Brandenburg University of Technology, Faculty of Natural Sciences, Department of Nanobiotechnology; rukovodilac tima iz Srbije prof. G. Ćirić-Marjanović.

6. SCOPES (Scientific cooperation between eastern Europe and Switzerland) – Project No IZ73ZO_152457 "*Conducting polymers synthesized by enzymatic polymerization*", financed by the Swiss National Science Foundation (SNSF) and the Swiss Agency for Development and Cooperation (SDC), May 2014–30. April 2018., rukovodilac prof. Peter Walde, ETH Zurich - Swiss Federal Institute of Technology, Switzerland, korukovodilac tima iz Srbije prof. Gordana Ćirić-Marjanović.

7. Danube States R&D network project "New materials and devices based on conducting polymers and their composites" (POLYCON for Danubian network–Stage 2), funded by the German Federal Ministry of Education and Research Septembar, trajanje 01. 09. 2015 – 31. 01. 2016, koordinador prof. V. Mirsky, rukovodilac tima iz Srbije prof. dr G. Ćirić-Marjanović.

8. Projekat "Conducting polymer composites" br. DS 027 iz Programa međunarodne naučne saradnje od značaja za Republiku Srbiju - Program za finansiranje multilateralne naučne i

tehnološke saradnje u Dunavskom regionu, period 01.01.2017–31.12.2018; institucije uključene u projekat: Institute of Macromolecular Chemistry AS CR, Češka (rukovodilac tima dr Patrycja Bober), Polymer Institute of Slovak Academy of Sciences, Slovačka (rukovodilac tima dr Matej Mičušik), Kompetenzzentrum Holz GmbH, Austrija (rukovodilac dr Adriana Kovalcik) i Univerzitet u Beogradu–Fakultet za fizičku hemiju (rukovodilac tima prof. dr Gordana Ćirić-Marjanović).

9. Bilateralni projekat Srbija-Nemačka, *Peroxo-Polyoxometalates: Synthesis, Structure and Raman Study*, 2020-2021, institucije uključene u projekat: Jacobs University, Bremen, Nemačka (rukovodilac prof.dr Ulrich Kortz), Univerzitet u Beogradu–Fakultet za fizičku hemiju (rukovodilac tima prof. dr Gordana Ćirić-Marjanović).

Recenzentska delatnost

Recenziranje naučnih radova/poglavlja u knjigama:

Gordana Ćirić-Marjanović je do sada uradila preko **400 recenzija** naučnih radova kao **recenzent za 85 međunarodnih naučnih WoS časopisa:**

Analytical Letters
ACS Applied Energy Materials
ACS Applied Materials & Interfaces
ACS Omega
ACS Sustainable Chemistry & Engineering
Applied Physics A
Arabian Journal of Chemistry
Bulletin of the Chemical Society of Japan
Canadian Journal of Chemistry
Chemical Papers
Chemical Engineering Journal
Chemical Society Reviews
Colloid and Polymer Science
Colloids and Surfaces B: Biointerfaces
Current Nanoscience
Dyes and Pigments
Ecotoxicology and Environmental Safety
Electrochimica Acta
Energy & Environmental Science
Enzyme and Microbial Technology
European Polymer Journal
Hemijska Industrija
Industrial & Engineering Chemistry Research
International Journal of Hydrogen Energy
International Journal of Industrial Chemistry
International Journal of Polymer Analysis and Characterization
Ionics
Journal of Alloys and Compounds
Journal of Advanced Materials and Processing
Journal of Electroanalytical Chemistry
Journal of Hazardous Materials
Journal of Applied Polymer Science
Journal of Macromolecular Science Part A: Pure & Applied Chemistry
Journal of Magnetism and Magnetic Materials
Journal of Materials Chemistry B
Journal of Materials Chemistry C

Journal of Materials Science
Journal of Molecular Structure
Journal of Nanostructure in Chemistry
Journal of Organic Chemistry
Journal of Physical Chemistry A + Journal of Physical Chemistry B + Journal of Physical Chemistry C
Journal of Physics and Chemistry of Solids
Journal of Polymer Engineering
Journal of Polymer Science, Part A: Polymer Chemistry
Journal of Serbian Chemical Society
Journal of Solid State Electrochemistry
Journal of Visualized Experiments
Langmuir
Macromolecular Materials and Engineering
Materials Chemistry and Physics
Materials Letters
Materials and Manufacturing Processes
Materials Science and Engineering B
Microchimica Acta;
Microporous & Mesoporous Materials
NANO
Nanotechnology
Optical Materials
Physica Status Solidi A
Physical Chemistry Chemical Physics
Polymer
Polymer Chemistry
Polymer Composites
Polymer Crystallization
Polymer Degradation and Stability
Polymer International
Progress in Polymer Science
Reaction Kinetics, Mechanisms and Catalysis
Reactive and Functional Polymers
RSC Advances
Scientific Reports
Sensors & Actuators: B. Chemical
Smart Materials and Structures
Solid State Sciences
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Synthetic Metals
Thin Solid Films
Trends in Analytical Chemistry
Vacuum
Vibrational Spectroscopy

kao i **jednu recenziju poglavlja u knjizi** (Encyclopedia of Polymer Science and Technology, Wiley).

2.2. Recenziranje udžbenika:

-Univerzitetski udžbenik *Odabrana poglavlja koloidne hemije*, autori Nataša Pejić i Mara Aleksić, Univerzitet u Beogradu- Farmaceutski fakultet, 2013. god., ISBN 978-86-6273-031-2.

-Univerzitetski udžbenik *Odabrana poglavlja koloidne hemije*, autori Nataša Pejić i Mara Aleksić, Univerzitet u Beogradu-Farmaceutski fakultet, 2018. god, ISBN

Predavanja

- G. Ćirić-Marjanović, “**Electrochemical polymerization of 1-naphthylamine and its derivatives**”, *Polymer physics seminar* (organized by Faculty of Mathematics and Physics, Department of Macromolecular Physics, Charles University, Prague), Prague, Czech Republic, mart 2004.

- G. Ćirić-Marjanović, “**Elektrohemijska polimerizacija aromatičnih amina**”, Elektrohemijska sekcija Društva fizikohemičara Srbije, Beograd, 2004. god.

- G. Ćirić-Marjanović, “**Nanostrukture provodnih polimera**“, *Istraživačka stanica Petnica, Seminar za srednjoškolske učenike* 3. maj 2010.

- G. Ćirić-Marjanović, predavanje po pozivu (sa skupa međunarodnog značaja, štampano u izvodu, M32): “**Computational insights into the mechanism of the oxidative polymerization of arylamines**”, *75th Prague Meeting on Macromolecules-Conducting Polymers: Formation, Structure, Properties and Applications*, Prague, Czech Republic, 10–14 July 2011 (Programme booklet IL02, p.39.). ISBN: 978-80-85009-69-9, Publisher: Institute of Macromolecular Chemistry Academy of Science of the Czech Republic

- G. Ćirić-Marjanović, predavanje po pozivu (sa skupa nacionalnog značaja, štampano u izvodu, M62): “**Elektroprovodni i redoks-aktivni oligomeri i polimeri arilamina: sinteza, struktura, svojstva i primene u nanotehnologiji**”, *50. Savetovanje Srpskog Hemijskog Društva*, 14–15. jun 2012. Beograd, ISBN 978-86-7132-049-8, organizator Srpsko Hemijsko Društvo, Knjiga apstrakata, str. 9.

- G. Ćirić-Marjanović, predavanje „**Supramolekulska hemija i nanohemija**“, *Istraživačka stanica Petnica, Seminar za srednjoškolske učenike*, 22. mart 2013.

- G. Ćirić-Marjanović, predavanje po pozivu (sa skupa međunarodnog značaja, štampano u izvodu, M32): „**Progress in polyaniline composites with transition metal oxides**“, *Workshop on Synthesis of advanced nano- and bio-colloidal materials with highly active surfaces* - Joint Meeting of WG3 and WG4, COST Action CM1101, 30. June 2014, Belgrade, Serbia.

-G. Ćirić-Marjanović, sekcijско predavanje: “**Nanostructured polyanilines and their carbonized forms: preparation, characterization and application**”, 13th International Conference on Fundamental and Applied Aspects of *Physical Chemistry*, *PHYSICAL CHEMISTRY 2016*, 26–30 September, Belgrade, Proceedings - volume II, p. 623.

-G. Ćirić-Marjanović, predavanje “**Nanostrukture elektroprovodnih polimera i ugljenični materijali dobijeni njihovom karbonizacijom**”, u okviru serije predavanja u SANU *Fascinantni svet nanonauke i nanotehnologije*, 30. januar 2018., Srpska akademija nauka i umetnosti, Beograd.

Stručna usavršavanja u inostranstvu

2005. (15. avgust–15. oktobar): Institut za Hemiju makromolekula Akademije nauka Republike Češke, Prag, Češka; gostujući istraživač

2006. (29. septembar–29. decembar): Institut za Hemiju makromolekula Akademije nauka Republike Češke, Prag, Češka; postdoktorsko usavršavanje.

Nagrade i priznanja

-Doktorska disertacija Gordane Ćirić-Marjanović “Elektrohemijska polimerizacija 1-naftalenamina i njegovih derivata” nagrađena je od strane Jugoslovenskog društva za istraživanje materijala kao najbolja doktorska disertacija u periodu između dve Konferencije društva, “Yucomat 2001” i “Yucomat 2003 ”.

-Priznanje "Top Cited Article" (kao autor jednog od 20 najcitiranijih radova publikovanih u periodu 2007-2011 u časopisu *Synthetic Metals*).

-mart 2015. god. nagrada Privredne Komore Beograda za pronalazak "Elektrokatalitički superkondenzator na bazi ugljeničnih nanočestica sa vodenim elektrolitičkim rastvorom" ostvaren u 2013/2014 godini.

-Član Editorial board-a časopisa *Synthetic Metals* (Impact Factor (2020): 3.266, izdavač Elsevier) od novembra 2021. godine.

Mentorski rad

Gordana Ćirić-Marjanović je bila mentor u izradi sledećih odbranih doktorskih disertacija (10), magistarskih radova (1), master radova (7) i diplomskih radova (16):

Odbranjene doktorske disertacije

1. Stevanović Magdalena, »Sinteza, karakterizacija i degradacija poli(DL-laktid-ko-glikolid) nanosfera koje sadrže askorbinsku kiselinu«, Univerzitet u Beogradu- Fakultet za fizičku hemiju, decembar 2007.
2. Vukomanović Marija, „Kontrolisano oslobađanje antibiotika iz nanosfera poli(D,L-laktid-koglikolid)/hidroksiapatita sintetisanih u ultrazvučnom polju“, Univerzitet u Beogradu- Fakultet za fizičku hemiju, 2011.
3. Janošević Aleksandra, „Sinteza i karakterizacija nanostrukturiranih polianilina: oksidativna polimerizacija anilina u prisustvu fenolnih kiselina“, Univerzitet u Beogradu- Fakultet za fizičku hemiju, 2012.
4. Radoičić Marija, "Nanokompoziti na bazi polianilina i titan(IV)-oksida: sinteza, karakterizacija i primena u fotokatalizi", Univerzitet u Beogradu- Fakultet za fizičku hemiju, 2013.
5. Cvetičanin Jelena, "Funkcionalizovani materijali na bazi ugljeničnih nanocevi", Univerzitet u Beogradu -Fakultet za fizičku hemiju, 2013.
6. Rakić Aleksandra, "Nanostrukture polianilina sintetisane oksidativnom polimerizacijom aniline u sistemima bez dodatka kiseline", Univerzitet u Beogradu - Fakultet za fizičku hemiju, 2014.
7. Savić Tatjana, "Sinteza i karakterizacija nanočestica titan(IV) oksida modifikovanih ligandima kateholatnog i salicilatnog tipa: eksperimentalna i teorijska (DFT) studija", Univerzitet u Beogradu- Fakultet za fizičku hemiju 2015.
8. Bogdanović Una, "Sinteza, karakterizacija i primena nanočestica bakra i zlata i njihovih kompozita sa polianilinom", Univerzitet u Beogradu- Fakultet za fizičku hemiju, 2016.
9. Savić Biserčić Marjetka, „Sinteza i karakterizacija kompozita polianilina i metalo-organskih mrežnih struktura na bazi Zn(II)-oksidikarboksilata“, Univerzitet u Beogradu - Fakultet za fizičku hemiju, 2021.
10. Jana Mišurović, „Sinteza polianilina i drugih poli(arilamina) primenom nanočestica Fe₃O₄ kao katalizatora, Univerzitet u Beogradu- Fakultet za fizičku hemiju, decembar 2021.

Odbranjeni magistarski radovi

1. Janošević Aleksandra, „Hemijska oksidativna polimerizacija anilina u prisustvu fenolnih kiselina i njihovih soli“, 2007.

Odbranjeni master radovi

1. Savić-Biserčić Marjetka, „Hemijska oksidativna polimerizacija anilina iz vodenog rastvora anilindianilinjum sulfat“, jul 2008.
2. Dragičević Ljiljana, „Oksidativna hemijska polimerizacija anilina u prisustvu koloidnog silicijum dioksida“, jul 2007.

3. Trpkov Đorđe, „Sinteza i karakterizacija makromolekulskog kompleksa rastvornog skroba i polianilina“, januar 2009.
4. Stupar Petar „Sinteza, karakterizacija i citokompatibilnost liofiliziranih sfernih čestica poli(ϵ -kaprolaktona) i ispitivanje njihovog uticaja na nastanak reaktivnih radikala kiseonika“, 2012.
5. Radojičić Ana, Sinteza i karakterizacija kompozita polianilina i kolagena, mart 2014.
6. Banković Daliborka, Karakterizacija nanostrukturnog polianilin karbomerata, septembar 2014.
7. Mišurović Jana, Sinteza i karakterizacija polianilina nanovlaknaste morfologije, 2016.

Odbranjani diplomski radovi

1. Miletić Tatjana, „Oksidativna hemijska polimerizacija 3,3'-dimetilbenzidina“, jun 2005. god.
2. Janošević Aleksandra, „Oksidativna hemijska polimerizacija di-anilinijum 5-sulfosalicilata“, novembar 2005. god.
3. Jovanović Zoran, „Hemijska oksidativna polimerizacija anilina u vodi cerijum (IV)-sulfatom“, mart 2006. god.
4. Banković Daliborka, „Ispitivanje provodljivosti, molekulske strukture i morfologije polianilina sintetisanog u prisustvu poliakrilne kiseline-karbopol 940 NF“, novembar 2007. god.
5. Dragičević Ljiljana, „Oksidativna hemijska polimerizacija anilina u prisustvu koloidnog silicijum dioksida“, novembar 2007.
6. Trpkov Đorđe, „Sinteza i karakterizacija makromolekulskog kompleksa rastvornog skroba i polianilina“, decembar 2007.
7. Savić Marjetka, „Hemijska oksidativna polimerizacija anilina iz vodenog rastvora anilin-dianilinijum sulfat“, novembar 2007.
8. Mustafa Mevza, „Hemijska oksidativna polimerizacija anilina Fentonovim reagensom“, novembar 2007.
9. Veselinović Mirjana, „Uticaj masenog udela skroba na električnu provodljivost i morfologiju makromolekulskog kompleksa skroba i polianilina“, decembar 2008.
10. Ješić Dragana, „Ispitivanje osobina nanostrukturnog polianilina sintetisanog oksidativnom polimerizacijom anilina u prisustvu 12- volframfosforne kiseline“, mart 2009.
11. Nikolašević Ana, „Analiza FTIR spektara makromolekulskog kompleksa skroba i polianilina“, jul 2009.
12. Krsmanović Marijana, „Ramanski spektri protonovanog polianilina-uticaj snage lasera na spektre“, avgust 2011.
13. Stupar Ana „Oksidativna polimerizacija anilina peroksidisulfatom u prisustvu FeSO_4 bez dodatka kiseline“, 2012.
14. Radojičić Ana „Oksidativna polimerizacija anilina sa amonijum peroksidisulfatom u prisustvu FeSO_4 i sumporne kiseline“, 2012.
15. Kovačević Ana, „Spektroskopska karakterizacija polianilin dekanadata“ 2014.
16. Vasilijević Sandra, „Sinteza nanostrukturnog polianilina: proučavanje molekulske strukture i morfologije produkata oligomerizacije i polimerizacije anilina“, jun 2016.