

БИБЛИОГРАФИЈА РАДОВА

Тијана Мутић је аутор седам радова објављених у врхунском међународном часопису категорије M21, једног рада објављена у истакнутом међународном часопису категорије M22, два рада објављена у међународним часописима категорије M23, као и два рада објављена у часописима чија категорија још није одређена. На међународним конференцијама и скуповима, категорије M34, је учествовала са двадесет и једним саопштењем, а на националним скуповима, категорије M64, са четири саопштења.

Радови објављени у врхунском међународном часопису (M21):

1. **Mutić Tijana**, Ognjanović Miloš, Kodranov Igor, Robić Marko, Savić Slađana, Krehula Stjepko, Stanković Dalibor: „The influence of bismuth participation on the morphological and electrochemical characteristics of gallium oxide for the detection of adrenaline.“ *Analytical and Bioanalytical Chemistry*, 415, 4445–4458 (2023). <https://doi.org/10.1007/s00216-023-04617-7>
2. **Mutić Tijana**, Ognjanović Miloš, Ivković Đurđa, Nikolić Vladimir, Stanković Vesna, Ristivojević Petar, Stanković Dalibor: “Improving gallic acid detection in plant samples: fabrication and optimization of a sensitive and selective NiO-supported carbon paste electrode“. *Journal of Electroanalytical Chemistry* 960, 118213 (2024). <https://doi.org/10.1016/j.jelechem.2024.118213>
3. Mijajlović Aleksandar, Ognjanović Miloš, Stanković Vesna, **Mutić Tijana**, Đurđić Slađana, Petković Branka, Stanković Dalibor: “A Practical Approach to Triclosan Detection: A Novel Y2O3@GCN-Modified Carbon Paste Electrode for Sensitive and Selective Detection in Environmental and Consumer Products“. *Chemosensors* 12(12), 272 (2024). <https://doi.org/10.3390/chemosensors12120272>
4. Mijajlović Aleksandar, Stanković Vesna, Vlahović Filip, **Mutić Tijana**, Ristivojević Petar, Argiris Nikolaos, Sourkouni Georgia, Argiris Christos, Vidić Jasmina, Stanković Dalibor: “Fabrication of electrochemical sensor based on Eu2O3/rGO nanostructure for endocrine disruptor estradiol sensing. Theoretical perspective on the sensing mechanism“. *Electrochimica Acta* 537, 146913 (2025). <https://doi.org/10.1016/j.electacta.2025.146913>
5. Mijajlović Aleksandar, Stanković Vesna, **Mutić Tijana**, Đurđić Slađana, Vlahović Filip, Stanković Dalibor: “Boron-Doped Diamond Electrodes for Toxins Sensing in Environmental Samples—A Review“. *Sensors* 25(7), 2339 (2025). <https://doi.org/10.3390/s25072339>
6. **Mutić Tijana**, Milikić Jadranka, Bajuk-Bogdanović Danica, Rakočević Lazar, Stanković Dalibor, Stanković Vesna: “Holmium-Molybdate Nanoparticle-Modified Carbon Paste Electrode for Electrocatalytic Detection of Paracetamol“. *ACS Applied Nano Materials* 9,6, 2702-2712 (2026). <https://doi.org/10.1021/acsanm.5c04693>
7. Vukićević Emilija, Burazer Nikola, Roganović Jovana, **Mutić Tijana**, Veselinović Gorica, Jovančićević Branimir, Gajica Gordana: „Biomarkers for Tracking Organic Matter Maturity in Therapeutic Muds (Peloids): A Comparison of Natural and Spa-Scaled Systems“. *Water* 18(4), 457 (2026). <https://doi.org/10.3390/w18040457>

Радови објављени у истакнутом међународном часопису (M22):

8. **Mutić Tijana**, Mijajlović Aleksandar, Stanković Vesna, Đurđić Slađana, Vlahović Filip, Stanković Dalibor: „Latest developments in the detection and quantification of adrenaline: advances and clinical applications“. *Bioanalysis* 17(14):1-17 (2025). <https://doi.org/10.1080/17576180.2025.2546283>

Радови објављени у међународном часопису (M23):

9. **Mutić Tijana**, Stanković Vesna, Milikić Jadranka, Bajuk-Bogdanović Danica, Kalcher Kurt, Ortner Astrid, Manojlović Dragan, Stanković Dalibor: “Sustainable synthesis of samarium molybdate nanoparticles: A simple electrochemical tool for detection of environmental pollutant metal”. *Journal of Serbian Chemical Society* 89(12), 1571-1585 (2024). <https://doi.org/10.2298/JSC240913102M>
10. Golovin Mikhail, Seredova Maria, Kuznetsov Mikhail, Stanković Vesna, **Mutić Tijana**, Stanković Dalibor, Bolshakov Oleg: “Hematite Defect Development for Gallic Acid Sensing”. *ChemistrySelect* 9 (39), e202403073 (2024). <https://doi.org/10.1002/slct.202403073>

Категорија још није одређена:

11. **Mutić Tijana**, Stanković Dalibor, Manojlović Dragan, Petrić Đorđe, Pastor Ferenc, Avdin Vyacheslav, Ognjanović Miloš, Stanković Vesna: “Micromolar Levofloxacin Sensor by Incorporating Highly Crystalline Co_3O_4 into a Carbon Paste Electrode Structure”. *Electrochem*, 5 (1), 45-56 (2024). <https://doi.org/10.3390/electrochem5010003>
12. **Mutić Tijana**, Stanković Vesna, Ognjanović Miloš, Nikolić Vladimir, Gao Guanyue, Sojic Neso, Stanković Dalibor: “Pseudospherical Bismuth Oxychloride-Modified Carbon Paste Electrode for the Determination of Quinine in Beverages”. *Electrochem* 5(4), 407-420 (2024). <http://dx.doi.org/10.3390/electrochem5040027>

Саопштења са међународних скупова штампана у изводу радова (M34):

1. **Mutić Tijana**, Stanković Vesna, Ognjanović Miloš, Stanković Dalibor: „Fabrication of bismuth-oxychloride supported carbon paste electrode for sensitive and selective Quinine sensing“, *28th Young Investigators' Seminar on Analytical Chemistry*, Belgrade, Serbia 25-28 June, 25 (2023)
2. **Mutić Tijana**, Ognjanović Miloš, Stanković Dalibor, Ražić Slavica „Fabrication of cobalt oxide-supported carbon paste electrode for sensitive and selective Levofloxacin sensing“, *Euroanalysis 2023*, Geneve, Switzerland 27-31 August, 302-303 (2023)
3. **Mutić Tijana**, Stanković Vesna, Đurđić Slađana, Kalcher Kurt, Ortner Astrid, Stanković Dalibor: „Hydrothermal synthesis of novel $\text{Sm}_2(\text{MoO}_4)_3$ for selective electrochemical detection of pesticide metal in water samples“, 9th Regional Symposium on Electrochemistry - South-East Europe, Novi Sad, Serbia, June (2024)

4. **Mutić Tijana**, Stanković Vesna, Đurđić Slađana, Kalcher Kurt, Ortner Astrid, Stanković Dalibor: „Efficient Hydrothermal Synthesis of Samarium Molybdate for Selective Electrochemical Detection of Metol in Water Samples“, *29th Young Investigators' Seminar on Analytical Chemistry*, Split, Croatia 24-27 June, (2024)
5. Đurđić Slađana, Stanković Vesna, **Mutić Tijana**, Vlahović Filip, Gemeiner Pavol, Mutić Jelena, Stanković Dalibor: „Application of different electrode materials in electrochemical detection of pesticides in food“ 6th International Environmental Chemistry Congress (EnviroChem), Trabzon-TURKIYE, November (2024)
6. Veselinović Gorica, Štrbac Snežana, Vukićević Emilija, **Mutić Tijana**, Roganović Jovana, Janjušević Dajana, Gajica Gordana “Assessment of Ecosystem Services Potential of Serbian Spas and peloid reach areas”. EMEC24, Alicante, Spain, 26-29th November 2024 P-SustDev-04 p.229
7. Vukićević Emilija, Šajnović Aleksandra, Burazer Nikola, Veselinović Gorica, **Mutić Tijana**, Roganović Jovana, Karagülle Zeki, Jokić Aleksandar, Gajica Gordana “The ageing process of peloids from Koviljača Spa (Serbia)”. EMEC24, Alicante, Spain, 26-29th November 2024 PY-EnvMonit-05 p.158
8. Vukićević Emilija, Veselinović Gorica, Roganović Jovana, **Mutić Tijana**, Janjušević Dajana, Gajica Gordana “Geochemical characterisation of peloids and ecosystem services of peloids-rich areas in Serbia”. EMEC24, Alicante, Spain, 26-29th November 2024 P-SustDev-02 p.227
9. Roganović Jovana, Veselinović Gorica, Vukićević Emilija, **Mutić Tijana**, Burazer Nikola, Gajica Gordana, Štrbac Snežana “Assessment of Ecosystem Services Potential of Fifteen Serbian Spas”. *19th International Conference on Chemistry and the Environment*, Belgrade, Serbia, 8th – 12th June 2025
10. Roganović Jovana, Veselinović Gorica, Vukićević Emilija, **Mutić Tijana**, Gajica Gordana “Assessment of the Ecotoxicity of Peloids from Serbian Spas”. *19th International Conference on Chemistry and the Environment*, Belgrade, Serbia, 8th – 12th June 2025
11. Gajica Gordana, **Mutić Tijana**, Veselinović Gorica, Vukićević Emilija, Milićević Tijana, Burazer Nikola, Roganović Jovana “Geochemical analysis of peloids, quality assessment and evaluation of ecosystem services of peloid-rich areas in Serbia: insights from the PELAS Project”. *19th International Conference on Chemistry and the Environment*, Belgrade, Serbia, 8th – 12th June 2025
12. Milićević Tijana, **Mutić Tijana**, Vukićević Emilija, Roganović Jovana, Veselinović Gorica, Burazer Nikola, Gajica Gordana “Element Concentrations in Serbian Peloids and Dermal Exposure Assessment”. *19th International Conference on Chemistry and the Environment*, Belgrade, Serbia, 8th – 12th June 2025
13. **Mutić Tijana**, Ortner Astrid, Kalcher Kurt, Stanković Vesna, Mijajlović Aleksandar, Đurđić Slađana, Stanković Dalibor “Design and synthesis of neodymium-oxide for effective electrochemical detection of hazardous pesticide carbofuran”. *30th Young Investigators' Seminar on Analytical Chemistry*, Ljubljana, Slovenia, 30th June – 3rd July (2025)
14. **Mutić Tijana**, Vukićević Emiija, Roganović Jovana, Veselinović Gorica, Janković Marija, Nikolić Krneta Jelena, Gajica Gordana „Radiological Assessment of Therapeutic Peloids from Serbian Spas“. *Euroanalysis 2025*, Barcelona, Spain, 31st August – 4th September (2025)

15. **Mutić Tijana**, Vukićević Emiija, Roganović Jovana, Veselinović Gorica, Gajica Gordana „Mineral Composition of Peloids in Southwestern Serbian Spas“. *Euroanalysis 2025*, Barcelona, Spain, 31st August – 4th September (2025)
16. **Mutić Tijana**, Stanković Vesna, Đurđić Slađana, Mijajlović Aleksandar, Sourkouni Georgia, Argirusis Christos, Vidić Jasmina, Stanković Dalibor „Simple hydrothermal synthesis of Ce@NiFe-LDH nanoparticles for electrochemical determination of pesticide Amitrole“. *76th Annual Meeting of the International Society of Electrochemistry*, Mainz, Germany, 7th-12th September (2025)
17. **Mutić Tijana**, Stanković Vesna, Đurđić Slađana, Mijajlović Aleksandar, Sourkouni Georgia, Argirusis Christos, Vidić Jasmina, Stanković Dalibor „Development of Ce-doped Ho₂O₃ sensitive and selective sensor for determination of anesthetic Tetracaine“. *76th Annual Meeting of the International Society of Electrochemistry*, Mainz, Germany, 7th-12th September (2025)
18. Đurđić Slađana, Kovač Miroslav, Vlahović Filip, Gemeiner Pavol, Mijajlović Aleksandar, **Mutić Tijana**, Stanković Vesna, Švorc Lubomir, Stanković Dalibor: „Screen-printed graphitic carbon nitride@carbon black-based electrochemical sensor for vanillin aroma detection in food“. *The Twentieth International Symposium on Electroanalytical Chemistry (20th ISEAC)*, Changchun, China, August 12-15, 2025
19. Stanković Dalibor, Mijajlović Aleksandar, **Mutić Tijana**, Ristivojević Petar, Argirusis Nikolaos, Argirusis Christos, Sourkouni Georgia, Stanković Vesna, Vidić Jasmina, Vlahović Filip: „Fabrication of electrochemical sensor based on europium oxide/reduced graphene oxide nanocomposite for endocrine disruptor estradiol sensing; theoretical perspective on the sensing mechanism“. *40th Topical Meeting of the International Society of Electrochemistry*, Changchun, China, August 15-17, 2025
20. **Mutić Tijana**, Stanković Vesna, Vlahović Filip, Mijajlović Aleksandar, Đurđić Slađana, Bajuk-Bogdanović Danica, Milikić Jadranka, Stanković Dalibor: „Improving Electrocatalytic Efficiency in Carbon Paste Electrodes through the Incorporation of Ho₂Mo₄O₁₅ Nanoparticles for Enhanced Paracetamol Detection“. *40th Topical Meeting of the International Society of Electrochemistry*, Changchun, China, August 15-17, 2025
21. Mijajlović Aleksandar, Stanković Vesna, **Mutić Tijana**, Ristivojević Petar, Argirusis Nikolaos, Sourkouni Georgia, Argirusis Christos, Vidić Jasmina, Stanković Dalibor: „Electrochemical Spore Detection: A Novel La₂O₃/rGO-Based Aptasensor for Rapid and Sensitive Biosensing“. *76th Annual Meeting of the International Society of Electrochemistry*, Mainz, Germany, 7th-12th September 2025

Саопштења са скупова од националног значаја штампана у изводу радова (M64):

1. **Mutić Tijana**, Stanković Vesna, Ognjanović Miloš, Stanković Dalibor: „Electrochemical determination of nitrite in water samples using carbon paste electrode modified with Ni/Bi oxide“, *Envirochem 2023*, Kladovo, Serbia 4-7 June, 87-88 (2023)
2. Pantović Danijela., **Mutić Tijana**, Manojlović Dragan, Kodranov Igor: „Determination of the concentration of heavy metals in the bark and buds of the Tilia cordata tree in the territory of the city of Pančevo“, *Envirochem 2023*, Kladovo, Serbia 4-7 June, 87-88 (2023)

3. **Mutić Tijana**, Stanković Vesna, Ristivojević Petar, Stanković Dalibor: „Preparation of NiO supported carbon paste electrode for sensitive and selective determination of Gallic acid in plant samples”, *9th Conference of Young Chemists of Serbia*, Novi Sad, Serbia, 4th November, 125 (2023)

4. **Mutić Tijana**, Stanković Vesna, Milikić Jadranka, Bajuk-Bogdanović Danica, Stanković Dalibor: „Tailoring carbon paste electrodes with $\text{Ho}_2\text{Mo}_4\text{O}_{15}$ nanoparticles for sensitive and selective Paracetamol sensing“, *11th Conference of Young Chemists of Serbia*, Kragujevac, Serbia, 25th October, 19 (2025), PCC OP 04