

Библиографски подаци о кандидату

Кандидаткиња Наталија Ж. Недић је коаутор једног научног рада објављеног у врхунском међународном часопису категорије M21. Аутор је и коаутор укупно двадесет три саопштења, од којих је десет штампано у целини на скуповима од међународног значаја (M33), пет саопштења је штампано у изводу на скуповима од међународног значаја (M34), једно саопштење је штампано у целини на скупу од националног значаја (M63), док је седам саопштења штампано у изводу на скуповима од националног значаја.

Рад у часопису међународног значаја:

Рад у врхунском међународном часопису (M21)

1. Ilić, M., Dević, G. J., Milić, J. S., Kašanin-Grubin, M., **Nedić, N. Ž.**, Petrović, S. P. Mechanochemical lindane removal: investigating the self-healing potential of soil. *Clean Technologies and Environmental Policy*, 2025, 1–10. doi: 10.1007/s10098-025-03291-w

Саопштења са међународних скупова:

Саопштења са скупова међународног значаја штампана у целини (M33)

1. Bulatović, S., **Nedić, N.**, Tadić, T., Marković, B., Nastasović, A. Magnetic biosorbent based on the *Ambrosia artemisiifolia* for adsorption of Malachite Green from water. The 31st International Conference “Ecological Truth & Environmental Research – EcoTER’24”, Book of proceedings, Sokobanja, Serbia, 18–21. June, 2024.
2. Bulatović, S. S., **Nedić, N. Ž.**, Tadić, T. T., Marković, B. M., Nastasović, A. B. *Ambrosia artemisiifolia* biosorbent for removal of synthetic organic dyes from aquatic solution. 17th International Conference on Fundamental and Applied Aspect of Chemistry “Physical Chemistry 2024”, Book of proceedings, Belgrade, Serbia, 23–27. September, 2024.
3. Tadić, T. T., Suručić, Lj. T., Nastasović, A. B., Bulatović, S. S., **Nedić, N. Ž.**, Onjia, A. E., Marković, B. M. Competitive copper, cadmium, and nickel ions removal from aqueous solution using amino-modified magnetic polymer sorbent. 17th International Conference on Fundamental and Applied Aspect of Chemistry “Physical Chemistry 2024”, Book of proceedings, Belgrade, Serbia, 23–27. September, 2024.
4. Marković, B. M., Tadić, T. T., Bulatović, S. S., **Nedić, N. Ž.**, Petrović, Srđan P., Nastasović, A. B. Kinetic study of Congo Red dye sorption on macroporous GMA-based copolymer. 17th International Conference on Fundamental and Applied Aspect of Chemistry “Physical Chemistry 2024”, Book of proceedings, Belgrade, Serbia, 23–27. September 2024.
5. **Nedić, N. Ž.**, Bulatović, S. S., Tadić, T. T., Marković, B. M., Nastasović, A. B. Reusability potential of Ambrosia-based biosorbents for Crystal Violet dye removal. 3rd International Conference on Chemo and BioInformatics (ICCBIG 2025), Book of Proceedings, Kragujevac, Serbia, 25–26. September, 2025.
6. Bulatović, S., Marković, B., Tadić, T., **Nedić, N.**, Onjia, A., Nastasović, A. Kinetic study of Re(VII) removal from aqueous solutions by macroporous magnetic nanocomposite. 3rd

International Conference on Chemo and BioInformatics (ICCBIG 2025), Book of Proceedings, Kragujevac, Serbia, 25–26. September, 2025.

7. Bulatović, S., **Nedić, N.**, Tadić, T., Marković, B., Žerađanin, A., Nastasović, A. GMA/Ag composite as antimicrobial agent. 16th International Symposium with international participation “Novel Technologies and Sustainable Development”, Book of proceedings, Leskovac, Serbia, 17–18. October, 2025.
8. Marković, B., Tadić, T., Bulatović, S., **Nedić, N.**, Nastasović, A. Dispersive solid-phase microextraction based on amino-functionalized polymer for preconcentration of azo dye from aqueous samples. 16th International Symposium with international participation “Novel Technologies and Sustainable Development”, Book of proceedings, Leskovac, Serbia, 17–18. October, 2025.
9. **Nedić, N.**, Tadić, T., Bulatović, S., Nastasović, A., Marković, B. Efficient removal of aniline from aqueous solution using a hydroxyl methacrylate-based sorbent. International Scientific and Professional Conference “Politehnika 2025”, Book of proceedings, Belgrade, Serbia, 28. November, 2025.
10. **Nedić, N.**, Tadić, T., Bulatović, S., Marković, B., Nastasović, A. Optimization of Orange G sorption using GMA-based polymer through response surface methodology and Box–Behnken design. International Scientific and Professional Conference “Politehnika 2025”, Book of proceedings, Belgrade, Serbia, 28. November, 2025.

Саопштења са скупова међународног значаја штампана у изводу (M34)

1. Tadić, T. T., **Nedić, N. Ž.**, Bulatović, S. S., Marković, B. M., Nastasović, A. B. Removal of Cu(II) ions from aqueous solution using a porous magnetic nanocomposite. Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of Abstracts, Banja Luka, Bosnia and Herzegovina, 18–19. October, 2024, p. 123.
2. Tadić, T. T., **Nedić, N. Ž.**, Bulatović, S. S., Nastasović, A. B., Marković, B. M. Investigation of cationic dye sorption conditions on amino-functionalized polymer sorbent. Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of Abstracts, Banja Luka, Bosnia and Herzegovina, 18–19. October, 2024.
3. Sandić, Zvezdana P., Tadić, T. T., Bulatović, S. S., **Nedić, N. Ž.**, Nastasović, A. B., Marković, B. M. Amino-functionalized Glycidyl Methacrylate-based Copolymer as an Effective Sorbent for Anionic Dye from Aqueous Solutions. III International Conference NanoPol2024, Book of Abstracts, Banja Luka, Bosnia and Herzegovina, 13–14. June, 2024.
4. **Nedić, N.**, Bulatović, S., Marković, B., Nastasović, A., Tadić, T. Congo red dye removal using magnetic biomass of *Ambrosia artemisiifolia*. 16th International Symposium “Novel Technologies and Sustainable Development”, Book of Abstracts, Leskovac, Serbia, 17–18. October, 2025.
5. Tadić, T., Marković, B., Bulatović, S., **Nedić, N.**, Nastasović, A. Green evaluation of dispersive solid-phase microextraction using amino-functionalized polymer. 16th International Symposium “Novel Technologies and Sustainable Development”, Book of Abstracts, Leskovac, Serbia, 17–18. October, 2025.

Саопштења са националних скупова:

Саопштење са скупа националног значаја штампано у целини (M63)

1. Bulatović, S. S., Tadić, T. T., Marković, B. M., Nastasović, A. B., Ilić, M. V., **Nedić, N. Ž.** Sorption of lindane from water using a macroporous copolymer based on glycidyl methacrylate. 59th Meeting of the Serbian Chemical Society, Book of Proceedings, Novi Sad, Serbia, 1–2. June, 2023.

Саопштења са скупова националног значаја штампана у изводу (M64)

1. Bulatović, S., Marković, B., Tadić, T., Nastasović, A., Ilić, M., Randelović, D., **Nedić, N.** Determination of antimicrobial activity of copper activated macroporous GMA based copolymer. 26th Congress of Chemists and Technologists of Macedonia, Book of Abstracts, Ohrid, Macedonia, 20–23. September, 2023.
2. Bulatović, S., Tadić, T. T., Marković, B. M., **Nedić, N.** A novel gallium activated macroporous glycidyl methacrylate based copolymer and its antimicrobial potential. 9th Conference of Young Chemists of Serbia, Book of Abstracts, Novi Sad, Serbia, 4. November, 2023.
3. **Nedić, N. Ž.**, Tadić, T. T., Marković, B. M., Bulatović, S. S., Nastasović, A. B., Popović, A. R. Removal of Crystal Violet from aqueous solution using *Ambrosia artemisiifolia* based biosorbent. 10th Conference of Young Chemists of Serbia, Book of Abstracts, Belgrade, Serbia, 26. October, 2024.
4. Tadić, T. T., **Nedić, N. Ž.**, Bulatović, S. S., Nastasović, A. B., Onjia, A. E., Marković, B. M. Sorptive extraction of aniline from aqueous solution using reusable molecularly imprinted polymer. 10th Conference of Young Chemists of Serbia, Book of Abstracts, Belgrade, Serbia, 26. October, 2024.
5. **Nedić, N. Ž.**, Bulatović, S. S., Tadić, T. T., Marković, B. M., Nastasović, A. B. *Ambrosia artemisiifolia* – biosorbent for synthetic organic dyes. 60th Meeting of the Serbian Chemical Society, Book of Abstracts, Niš, Serbia, 8–9. June, 2024.
6. **Nedić, N. Ž.**, Bulatović, S. S., Marković, B. M., Tadić, T. T., Žerađanin, A. N., Nastasović, A. B. Antibacterial activity of silver-immobilized polymer composite. 11th Conference of Young Chemists of Serbia, Book of Abstracts, Kragujevac, Serbia, 25. October, 2025.
7. Tadić, T. T., Bulatović, S. S., **Nedić, N. Ž.**, Nastasović, A. B., Onjia, A. E., Marković, B. M. Magnetic properties of the hybrid polymer containing incorporated magnetite nanoparticles. 11th Conference of Young Chemists of Serbia, Book of Abstracts, Kragujevac, Serbia, 25. October, 2025.