

LISTA CELOR 10 LUCRĂRI ȘTIINȚIFICE RELEVANTE

Glevitzky Mirel

1. **Glevitzky, M.**; Bostan, R.; Varvara S.; Corcheș, M.-T.; Dumitrel G.-A.; Popa, M. Impact of Mining on River Water Quality in Roșia Montană Area, Romania, and the Use of Zeolites for Acid Mine Drainage Remediation, *Clean Technol.* 2025, 7(2), 41. <https://doi.org/10.3390/cleantechnol7020041>
2. **Glevitzky, M.**; Corcheș, M.T.; Popa, D.M. Assessing Pollution and Diatom-Based Bioindicators in the Arieș River, Romania. *Environments* 2025, 12, 398. <https://doi.org/10.3390/environments12110398>
3. **Glevitzky, M.**; Corcheș, M.T.; Popa, D.M. Impact of Pollution on Physico-Chemical Parameters and Diatom Communities Diversity in the Main Tributaries of the Arieș River, Romania. *Environments* 2025, 12, 389. <https://doi.org/10.3390/environments12100389>
4. **Glevitzky, M.**; Corcheș, M.-T.; Popa, M.; Vică, M.L. Honey as a Bioindicator: Pollution's Effects on Its Quality in Mining vs. Protected Sites. *Appl. Sci.* 2025, 15, 7297. <https://doi.org/10.3390/app15137297>
5. **Glevitzky, M.**; Corches, M.T.; Popa, M.; Glevitzky, I; Vica, M.L. Propolis: Biological Activity and Its Role as a Natural Indicator of Pollution in Mining Areas. *Environments* 2025, 12(4), 105. <https://doi.org/10.3390/environments12040105>
6. **Glevitzky, M.**; Bostan, R.; Vica, M.L.; Dumitrel, G.A.; Corches, MT; Popa, M; Glevitzky, I; Matei, HV. Environmental Contamination and Mining Impact: Physico-Chemical and Biological Characterization of Propolis as an Indicator of Pollution in the Rosia Montană Area, Romania. *Plants* 2025, 14(6), 866. <https://doi.org/10.3390/plants14060866>
7. **Glevitzky, M.**; Dumitrel, G.-A.; Pană, A.-M.; Rusu, G.I.; Corcheș, M.-T.; Vică, M.L. Valorization of Waste Cooking Oils into Antimicrobial Soaps with Honey, Propolis, and Essential Oils. *ChemEngineering* 2026, 10, 31. doi: 10.3390/chemengineering10020031
8. **Glevitzky, M.**; Corcheș, M.-T.; Șerban, S.G.; Strugariu, M.-L.; Kiss, I.; Vică, M.L. Sustainable Recycling of Used Cooking Oils Through the Production of Biodegradable Antimicrobial Soaps. *Appl. Sci.* 2025, 15, 11472. <https://doi.org/10.3390/app152111472>
9. Heghedus-Mîndru, G.; **Glevitzky, M.**; Heghedus-Mîndru, R.C.; Dumitrel, G.A.; Popa, M.; Glevitzky, I.; Obistioiu, D.; Cocan, I.; Vica, M.L. Inhibitory Effects and Composition Analysis of Romanian Propolis: Applications in Organic and Sustainable Agriculture. *Plants* 2024, 13(23), 3355; <https://doi.org/10.3390/plants13233355>
10. Popa, M; Glevitzky, I; Dumitrel, GA; Popa, D; Virsta, A; **Glevitzky, M.** Qualitative Analysis and Statistical Models Between Spring Water Quality Indicators in Alba County, Romania. *Sci. Papers, Ser. E, Land Reclam. Earth Obs. Surv. Environ. Eng.* 2022, 11, 358-366. <https://landreclamationjournal.usamv.ro/pdf/2022/Art44.pdf>