

## LISTĂ DE PUBLICAȚII

1. Nan, I.-V. Ganea, S. Macavei, R. Turcu, Aminopropylimidazole as an Advantageous Coating in the Synthesis of Functionalized Magnetite Nanoparticles, *Nanomaterials* **2021**, *11(12)*, 3276, <https://doi.org/10.3390/nano11123276>
2. I.-V. Ganea, A. Nan, A. Ciorita, R. Turcu, C. Baci, Responsiveness assessment of cell cultures exposed to poly(tartaric acid) and its corresponding magnetic nanostructures, *Journal of Molecular Structure* **2021**, *1248*, 131459, <https://doi.org/10.1016/j.molstruc.2021.131459>
3. I.-V. Ganea, A. Nan, I. Neamtii, C. Baci, Neoteric material based on renewable resources for metal contaminated waters, *Environmental Sciences Proceedings* **2021**, *9(1)*, 3, <https://doi.org/10.3390/environsciproc2021009003>
4. F. Nekvapil. I.-V. Ganea, A. Ciorita, R. Hirian, L. Ogresta, B. Glamuzina, C. Roba, S. Cinta Pinzaru, Wasted Biomaterials from Crustaceans as a Compliant Natural Product Regarding Microbiological, Antibacterial Properties and Heavy Metal Content for Reuse in Blue Bioeconomy: A Preliminary Study, *Materials* **2021**, *14(16)*, 4558, <https://doi.org/10.3390/ma14164558>
5. F. Nekvapil. I.-V. Ganea, A. Ciorita, R. Hirian, S. Tomsic, I. M. Martonos, S. Cinta Pinzaru, A New Biofertilizer Formulation with Enriched Nutrients Content from Wasted Algal Biomass Extracts Incorporated in Biogenic Powders, *Sustainability* **2021**, *13(16)*, 8777, <https://doi.org/10.3390/su13168777>
6. I.-V. Ganea, A. Nan, C. Baci, R. Turcu, Effective Removal of Crystal Violet Dye Using Neoteric Magnetic Nanostructures Based on Functionalized Poly(Benzofuran-co-Arylacetic Acid): Investigation of the Adsorption Behaviour and Reusability, *Nanomaterials* **2021**, *11(3)*, 679, <https://doi.org/10.3390/nano11030679>
7. I.-V. Ganea, A. Nan, R. Turcu, C. Roba, I. Neamtii, C. Baci, Study of metal ion removal from aqueous systems using magnetic nanostructures based on functionalized poly(benzofuran-co-arylacetic acid), *Analytical Letters* **2020**, *54(1-2)*, pp. 184-203, <https://doi.org/10.1080/00032719.2020.1737100>
8. Nan, I.-V. Ganea, R. Turcu, Physico chemical properties of a New Magnetic Nanostructure Based on Poly(benzofurane co arylacetic acid), *Analytical Letters* **2018**, *52(1)*, pp. 27-36, <https://doi.org/10.1080/00032719.2017.1400041>
9. I.-V. Ganea, C. Roba, D. Gligor, A. Farkas, R. Bălc, M. Moldovan, Assessment of Environmental Quality in Lacu Sărat Area (Brăila County, Romania), *Carpathian Journal of Earth and Environmental Sciences* **2017**, *12(2)*, pp. 377-387, <http://www.cjees.ro/viewTopic.php?topicId=688>