

PhD. Student Irina-Elena Doicin (Airinei-Doicin)

List of papers that include data from the thesis

PAPERS LIST

1. **I.E. Doicin**, M.D. Preda, I.A. Neacsu, V.L. Ene, A.C. Birca, B.S. Vasile, E. Andronescu, "Tailoring zinc oxide nanoparticles via microwave-assisted hydrothermal synthesis for enhanced antibacterial properties" *Appl. Sci.* 14(17), 7854, 2024. **(F.I. 2,7)**
2. **I.E. Doicin**, I.A. Neacsu, V.L. Ene, A.C. Birca, E. Andronescu, "Development and characterization of sodium alginate-ZnO nanoparticle reinforced composites for biomedical applications" – *UPB Sci. Bull. Ser. B Chem. Mater. Sci.*, Vol. 86, Iss. 3, 2024. **(F.I. 0,3)**
3. **I.E. Doicin**, A.-D. Golea, I.A. Neacsu, V.L. Ene, A.C. Birca, A.M. Holban, E. Andronescu, "Spin-coating deposition of antimicrobial ZnO nanoparticles on cotton fabrics for medical applications" - *Rom. Journal of Materials*, 54 (2), 2024 (acceptat spre publicare). **(F.I. 0,6)**

SCIENTIFIC MEETINGS ATTENDED

1. **I.E. Doicin**, I.A. Neacsu, V.L. Ene, B. Ş. Vasile, E. Andronescu, "Development of New Zinc Oxide Antiseptics for the Clinical Treatment of Wounds" *Applications of Chemistry in Nanosciences and Biomaterials Engineering - NanoBioMat 2022 – Summer Edition*, Bucureşti 2022.
2. **I.E. Doicin**, I.A. Neacsu, V.L. Ene, A.C. Birca, A.M. Holban, E. Andronescu "Synthesis and Characterization of ZnO-Coated Cotton Textiles for Antimicrobial Use in Healthcare" *23rd Romanian International Conference on Chemistry and Chemical Engineering*, Constanţa, 2024.