

**Lista lucrărilor științifice publicate**  
*Șef lucrări dr. fiz. Alina-Mihaela CEOROMILA (n. CANTARAGIU)*

**C. LUCRĂRI ȘTIINȚIFICE**

**C1. Publicații indexate ISI Web of Science/Clarivate**

- 1) Bleoanca I., Grigore-Gurgu L., **Cantaragiu Ceoromila A.**, Borda D., Stan F., Fetecau C. 2024. Bacterial Nanocellulose Grafted in Yeast Films: The Influence of Plasticizer and Emulsifier Concentration on Film Properties. *Applied Sciences Basel*, 14(24), 12010. FI: **2,5** (în anul 2023). WOS:001384180200001. <https://doi.org/10.3390/app142412010>
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- 3) Ene A., Moraru S.S., Moraru D.I., Pantelica A., Gosav S., **Ceoromila A.M.** 2024. Major and Trace Element Accumulation in Soils and Crops (Wheat, Corn, Sunflower) around Steel Industry in the Lower Danube Basin and Associated Ecological and Health Risks. *Applied Sciences-Basel*, 14(13), 5616. FI: **2,5** (în anul 2023). WOS:001269819500001. <https://doi.org/10.3390/app14135616>
- 4) Gurau C., Tolea F., Cimpoesu N., Sofronie M., **Cantaragiu Ceoromila A.**, Stefanescu C., Gurau G. 2024. Magnetic Shape Memory Nanocomposites Assembled with High Speed High Pressure Torsion. *Nanomaterials*, 14(5), 405. FI: **4,4** (în anul 2023). WOS:001182937000001. DOI:10.3390/nano14050405
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- 6) Procop I., Calmuc M., Pessenlehner S., Trifu C., **Cantaragiu Ceoromila A.**, Calmuc V.A., Fetecău C., Iticescu C., Musat V., Liedermann M. 2024. The first spatio-temporal study of the microplastics and meso-macroplastics transport in the Romanian Danube. *Environmental Sciences Europe*, 36(1), 154, 1-20. FI: **6,0** (în anul 2023). WOS:001302581900001. <https://doi.org/10.1186/s12302-024-00969-8>
- 7) Ene A., Sion A., Stih C., Gheboianu A.I., Basliu V., **Ceoromila A.M.**, Gosav S. 2024. Metal Contamination and Human Health Risk Assessment of Soils from Parksand Playgrounds of an Industrialized Town (Galati, Romania). *Applied Sciences-Basel*, 14(22), 10379. FI: **2,5** (în anul 2023). WOS:001366979600001. DOI:10.3390/app142210379
- 8) Lanciu Dorofte A., Dima C., **Ceoromila A.**, Botezatu A., Dinica R., Bleoanca I., Borda D. 2023. Controlled Release of  $\beta$ -CD-Encapsulated Thyme Essential Oil from Whey Protein Edible Packaging. *Coatings*, 13, 508. FI: **2,9** (în anul 2023). WOS:000955670900001. <https://doi.org/10.3390/coatings13030508>
- 9) Obreja C.D., Buruiana D.L., Mereuta E., Muresan A., **Ceoromila A.M.**, Ghisman V., Axente R.E. 2023. Detection of reed using CNN method and analysis of the dry reed (*Phragmites Australis*) for a sustainable lake area. *Plant Methods*, 19(1), 61. FI: **4,7** (în anul 2023). WOS:001013927100001. DOI:10.1186/s13007-023-01042-w
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- 15) Mușat V., Stanică N., Anghel E.M., Atkinson I., Culiță D.C., Poloșan S., Crintea (Căpățână) L., **Cantaragiu Ceoromila A.**, Buruiană C.T., Carp O. 2022. Magnetic Core-Shell Iron Oxides-Based Nanophotocatalysts and Nanoadsorbents for Multifunctional Thin Films. *Membranes*, 12(5), 466. FI: **4,562** (în anul 2022). WOS:000802475500001. <https://doi.org/10.3390/membranes12050466> (Lucrare premiată UEFISCDI: Cod depunere PN-IV-P2-2.3-PRECISI-2023-82653)
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- 19) Chiper Titire L., Musteață A.E., **Cantaragiu Ceoromila A.**, Cristea G.C., Ojoc G.G., Deleanu L. 2021. Characterization of Blend PA6 +EPDM (60/40) by Tensile Tests. *Materiale plastice*, 58 (3), 51-63. FI: **0,782** (în anul 2021). WOS:000756838300001. <https://doi.org/10.37358/Mat.Plast.1964>
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- 21) Buruiana D.L., Herbei E.E., **Ceoromila A.M.**, Busila M., Trus C., Bogatu (Simionescu) N., Ghisman V. 2021. Investigation of Corrosion of A and E36 Naval Steels Using Potentiodynamic Polarization and Modified Prohesion Test. *International Journal of Electrochemical Science*, 12(21111). FI: **1,541** (în anul 2022). WOS:000718320200005. DOI:10.20964/2021.11.37
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### C3. Lucrări publicate în volumele unor manifestări ştiinţifice internaţionale/naţionale neindexate

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