

# LISTĂ DE LUCRĂRI

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## *Articole publicate indexate ISI*

1. Manuela-Elena VOICU, Florentina GOLGOVICI, A Biointerface Growth at Immersion of a Biodegradable Magnesium Alloy in Simulated Body Fluid, U.P.B. Scientific Bulletin, Series B: Chemistry and Materials Science, Volume 82, Issue 2, Pages 57-68, 2020, ISSN 1454-2331, WOS:000550842800006, **IF 2022: 0,5**
2. Manuela Elena VOICU, Andrei Bogdan STOIAN, Ioana DEMETRESCU, Daniela IONITA, Characterization of Three Surface Treatments on TiZr-Coating Properties and Corrosion Behavior, Coatings, Volume 11, Issue 6, Page 615, 2021, <https://doi.org/10.3390/coatings11060615>, WOS:000666718100001, **IF 2022: 3,4**
3. Manuela Elena VOICU, Ioana DEMETRESCU, Andrei DOROBANTU, Marius ENACHESCU, George-Octavian BUICA, Daniela IONITA, Interaction of Mg Alloy with PLA Electrospun Nanofibers Coating in Understanding Changes of Corrosion, Wettability, and pH, Nanomaterials, Volume 12, Issue 8, Page 1369, 2022, <https://doi.org/10.3390/nano12081369>, WOS:000785507100001, **IF 2022: 5,3**
4. Manuela Elena VOICU, Doina DRAGANESCU, Valentina ANUTA, Andrei Bogdan STOIAN, Daniela IONITA, Ioana DEMETRESCU, The interrelationship between the drug embedded TiZr surface properties and antibacterial effect, Revista Farmacia, Volume 70, Issue 6, Pages 1064-1071, 2022, ISSN 00148237, <https://doi.org/10.31925/farmacia.2022.6.9>, WOS:000969664100009, **IF 2022: 1,6**
5. Manuela Elena VOICU, Florentina GOLGOVICI, Mariana PRODANA, Doina DRAGANESCU, Ioana DEMETRESCU, Advanced procedure of simultaneous electrodeposition from a natural deep eutectic solvent of a drug and a polymer used to improve TiZr alloy behavior, Materials, Volume 16, Issue 12, Page 4387, 2023, <https://doi.org/10.3390/ma16124387>, WOS:001017534100001, **IF 2022: 3,4**
6. Manuela Elena VOICU, Daniela IONITA, George-Octavian BUICA, Doina DRAGANESCU, Valentina ANUTA, Florentina Monica RADULY, Ioana DEMETRESCU, Characterization of two types of polylactic acid coating loaded with gentamicin sulphate deposited on AZ31 alloy, Coatings, Volume 13, Issue 6, Page 1105, 2023, <https://doi.org/10.3390/coatings13061105>, WOS:001017030800001, **IF 2022: 3,4**

## *Participări conferințe*

1. Florentina GOLGOVICI, Manuela VOICU, Ioana DEMETRESCU, Electrochemical behavior of magnesium alloy with and without polymeric coatings electrodeposited from ionic liquids, 21<sup>st</sup> Romanian International Conference on Chemistry and Chemical Engineering, Sept. 4-7, 2019, Constanța, Romania - Poster
2. Manuela-Elena VOICU, Daniela IONIȚĂ, Andrei Bogdan STOIAN, Ioana DEMETRESCU, Elaborarea și caracterizarea unui bioaliaj bazat pe TiZr și nanofibre de PLA (Elaboration and characterization of a bioalloy based on TiZr and PLA nanofibers),

Conferința națională științifică de toamnă a AOSR, 23-27 noiembrie 2020, Online - Presentation

3. *Manuela Elena VOICU*, Andrei Bogdan STOIAN, Ioana DEMETRESCU, Daniela IONITA, In-Depth characterization of electrospun polylactic acid (PLA) nanofibers on TiZr oxide, International Online Conference, Applications of Chemistry in Nanosciences and Biomaterials Engineering (NanoBioMat 2021), AOSR, June 25-26, 2021, Online - Poster