

## ACTIVITATE ȘTIINȚIFICĂ

### 1. Publicații în jurnale cotate ISI (Clarivate Analytics) - 2

1. Carmela Gurau, Felicia Tolea, Nicanor Cimpoesu, Mihaela Sofronie, Alina Cantaragiu Ceoromila, **Cristian Stefanescu**, Gheorghe Gurau, ”**Magnetic Shape Memory Nanocomposites Assembled with High Speed High Pressure Torsion**”, Nanomaterials 2024, Volume 14, Issue 5, 405, Impact Factor = 5,3, **Q2**, <https://doi.org/10.3390/nano14050405>

2. Bîrsan, D.C., Gurău, C., Marin, F-B., **Stefănescu, C.**, Gurău, G., ”**Modeling of Severe Plastic Deformation by HSHPT of As-Cast Ti-Nb-Zr-Ta-Fe-O Gum Alloy for Orthopedic Implant**”, Materials 2023,16, 3188, Impact Factor = 3,1, **Q1**, <https://doi.org/10.3390/ma16083188>

### 2. Publicatii în jurnale indexate în baze de date internaționale – 2

1. P. Alexandru, **C. Ștefănescu**, ”**Experimental Determination of the Kuczynski Equation for the Case of CuSn12 Alloy Sintering**”, Annals of “Dunarea de Jos” University of Galati Fascicle IX. Metallurgy and Materials Science No. 4 - 2022, ISSN 2668-4748; e-ISSN 2668-4756  
<https://doi.org/10.35219/mms.2022.4.13>

2. **C. Ștefănescu**, P. Alexandru, G. Gurău, ”**Mathematical Modeling of the CuSn12 Alloy Sintering Process**”, Annals of “Dunarea de Jos” University of Galati Fascicle IX. Metallurgy and Materials Science No. 1 - 2024, ISSN 2668-4748; e-ISSN 2668-4756  
<https://doi.org/10.35219/mms.2024.1.07>