

Lista de lucrari publicate:

1. Metallic Nanoparticles and Metal Oxide used in Biomedical Applications, **Rebecca Alexandra Puiu**, Denisa Alexandra Florea, Alexandra-Cristina Burdusel, Vasile-Adrian Surdu, Ecaterina Andronescu, **Scientific Bulletin UPB**, Series B, Chemistry and Materials Science, ISSN 1454-2331, **2023**
2. Multifunctional polymeric biodegradable and biocompatible coatings based on silver nanoparticles: A comparative *in vitro* study on cytotoxicity towards cancer and normal cell lines of cytostatic drugs versus essential oils-loaded nanoparticles and on their antimicrobial and antibiofilm activities, **Rebecca Alexandra Puiu**, Alexandra Catalina Birca, Valentina Grumezescu, Ovidiu Cristian Oprea, Alina Maria Holban, Ariana Hudita, Bianca Galateanu, Paul Catalin Balaure, Alexandru Mihai Grumezescu, Ecaterina Andronescu, **Pharmaceutics**, **2023**
3. Anti-Cancer Nanopowders and MAPLE-Fabricated Thin Coatings Based on SPIONs Surface Modified with Paclitaxel Loaded β -Cyclodextrin, **Rebecca Alexandra Puiu**, Paul Cătălin Balaure, Ema Constantinescu, Alexandru Mihai Grumezescu, Ecaterina Andronescu, Ovidiu-Cristian Oprea, Bogdan Stefan Vasile, Valentina Grumezescu, Irina Negut, Ionela Cristina Nica and Miruna Silvia Stan, **Pharmaceutics**, **2021**
4. An Updated Review on Silver Nanoparticles in Biomedicine, Oana Gherasim, **Rebecca Alexandra Puiu**, Alexandra Catalina Bîrca, Alexandra-Cristina Burdusel and Alexandru Mihai Grumezescu, **Nanomaterials**, **2020**