

PhD Advisor

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3. Prof. Cristina Maria ZĂLARU – University Bucharest

PAPERS LIST

1. M. E. Barbinta-Patrascu, N. Badea, C. Ungureanu, **D. Besliu**, S. Antohe, Bioactive phyto-nanosilver particles “green” synthesized from Clary Sage, Burdock, Southernwood and Asparagus, *Rom. Rep. Phys.* 72(3), 606, **2020**; WOS:000562620700017; **IF = 2.147/ 2019**
2. **D. Besliu**, M. E. Barbinta-Patrascu, N. Badea, I. Rau, A. Meghea, Lipo-nanosilver composites biogenerated using *Artemisia abrotanum L.* aqueous extract, *Mol. Cryst. Liq. Cryst.* 694(1),40-48, **2020**; DOI: 10.1080/15421406.2020.1723895; WOS:000531061100004; **IF = 0.512/ 2019**
3. M. E. Barbinta-Patrascu, **D. Besliu**, A. Meghea, Antioxidant silver-based biogenic systems generated from *Arctium lappa* leaves, *Revista de Chimie*, Volume: 71, Year: 2020, Issue: 4, <https://doi.org/10.37358/RC.20.4.8049>
4. M. E. Barbinta-Patrascu, C. Ungureanu, **D. Beșliu**, A. Lazea-Stoyanova, L. Iosif, Bio-active nanomaterials phyto-generated from weed herb *Cirsium arvense*, *Optoelectronics and Advanced Materials-Rapid Communications* 14(7-10), 2020;**IF = 0.445/2019**
5. **D. V. Beșliu**, Aurelia Meghea, Optimization of the silver nanoparticle synthesis method using *Harpagophytum procumbens* root extract, *U.P.B. Sci. Bull.*, 2021 (acceptat)

Scientific meetings attended

1. **D. Besliu**, M. E. Barbinta-Patrascu, N. Badea, I. Rau, A. Meghea, „Lipo-nanosilver composites biogenerated using *Artemisia abrotanum L.* aqueous extract ”, *15th International Conference on Frontiers of Polymers and Advanced Materials (ICFPAM 2019)*, Penang, Malaysia, 17th – 21st June 2019.