

Papers List

1. **Anda Ionelia Voicu (Mihai)**, Sorina Alexandra Garea, Eugeniu Vasile, Adi Ghebur, Horia Iovu, Hybrid Hosts Based on Sodium Alginate and Porous Clay Heterostructures for Drug Encapsulation, *Polymers*, 13 (2021) 2803. **IF:4.329**
2. **Anda I. Voicu**, Sorina A. Garea, Adi Ghebur, Cristina L. Nistor, Andrei Sarbu, E.Vasile, Raul Mitran, Horia Iovu, New nanocarriers based on Porous Clay Heterostructures (PCH) designed for Methotrexate delivery, *Microporous and Mesoporous Materials*, 328 (2021) 111434. **IF: 5.455**
3. **Anda Ionelia MIHAI (VOICU)**, Sorina Alexandra GĂREA, Andreea Mădălina PANDELE, Horia IOVU, Properties of hybrid films based on poly(vinyl) alcohol and porous clay heterostructures, *U.P.B. Sci. Bull., Series B*, 79 (2017) 57-66.
4. **Anda Ionelia MIHAI (VOICU)**, Sorina Alexandra GAREA, Eugeniu VASILE, Cristina Lavina NISTOR, Horia IOVU, Functionalization of Porous Clay Heterostructures with Silane Coupling Agents, *Materiale Plastice*, 54 (2017), 341-344. **IF 0.593**
5. S.A. Gărea, **A.I. Mihai**, A. Ghebur, C. Nistor, A. Sârbu Porous clay heterostructures: A new inorganic host for 5-fluorouracil encapsulation, *International Journal of Pharmaceutics* 491 (2015) 299–309. **IF. 5.875**
6. S.A. Gărea, **A.I. Mihai**, E. Vasile, C. Nistor, A. Sârbu, R. Mitran, Synthesis of porous clay heterostructures: The influences of co-surfactant type, *Materials Chemistry and Physics* 179 (2016) 17-26. **IF. 4.094**
7. S.A. Garea, **A. Mihai**, A. Ghebur, Hybrid films based on Sodium Alginate and porous clay heterostructures, 52 (2015) 275-280, *Materiale Plastice* -**IF 0.593**
8. S.A. Gărea, **A.I. Mihai**, E. Vasile, G. Voicu, Synthesis and characterization of porous clay heterostructures, *REVISTA DE CHIMIE*, 65 (2014) 649-656.
9. CAPITOL CARTE: Sorina Alexandra Gărea, **Anda Ionelia Voicu (Mihai)**, Horia Iovu, Chapter 14-Clay-polymer nanocomposites for controlled drug release (2017) 475-509

Scientific Events Attended

1. 19th Romanian International Conference on Chemistry and Chemical Engineering; 02.09.2015-05.09.2015, Sibiu, Romania, oral presentation
2. Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 20) 07-09 septembrie 2017, Poiana Brasov, Romania, - oral presentation
3. YOUNG SCIENTISTS JOINING FORCES FOR EXCELLENCE IN BIOMATERIALS RESEARCH, Bucharest, May 28th -29th 2015, Poster
4. Fourth International Symposium Frontiers in Polymer Science; 20:05:2015-22:05:2015; Riva del Garda, Italia, Poster
5. NoRoTech Conference Technologies for the fabrication and characterization of 3D scaffolds for tissue engineering ,8th –9th of June 2017 – University POLITEHNICA of Bucharest, Romania, Poster