

Articles

1. Anita-Laura Radu, Celina Damian, Victor Fruth, Tanta-Verona Iordache, Anamaria Zaharia, Horia Iovu, Andrei Sarbu, Unique polyvinyl acetate-mesoporous synthetic zeolite composites prepared in ultrasonic field, *Microporous & Mesoporous Materials*, Vol 198, 1 November 2014, p. 281–290, 10.1016/j.micromeso.2014.07.045.
2. Sarbu Andrei, Anita Laura Ciripoiu, Luminita Mara, Victor Fruth, Teodor Velea, Ioana Andreea Gradinaru, Anamaria Zaharia, Alexandra Sorina Garea, Celina Damian, Hasan Mandal, Ferhat Yardim, Ceramic Powder Obtained via Hybrid Inorganic-Organic Polymer Nanocomposites, in *Proceedings la Shechtman international symposium*, accepted.
3. A. Zaharia, F.-X. Perrin, M. Teodorescu, A.-L. Radu, T.-V. Iordache, A.-M. Florea, D. Donescu and A. Sarbu, New organophilic kaolin clays based on single-point grafted 3-aminopropyl dimethylethoxysilane, *Phys. Chem. Chem. Phys.*, 17, (2015), 24908-24916.

Scientific communications

1. Simpozionul International Mediul si Industria–SIMI 2013, 28-30.10.2013, Bucuresti, Romania, Characterization of Serpentinite Dumped from Dubova – Mehedinti Regarding Complete Recovery through Sustainable Environmental Technology; Ghita Mihai, Mara Luminita, Stoiciu Florentin, Badilita Viorel, Enache Lenuta, Gradinaru Andreea, Dragut Valentin.
2. Simpozionul International Mediul si Industria–SIMI 2013, 28-30.10.2013, Bucuresti, Romania Researchers regarding the Effect of Dry Grinding and Thermal Dehydroxylation on Serpentinite Dubova-Mehedinti, Romania Dragut Valentin, Mara Luminita, Badilita Viorel, Stoiciu Florentin, Gradinaru Andreea, Enache Lenuta, Neagu Eleonora, Soare Victoria.
3. Workshop “Advances in ceramic powder obtaining via polymer composites”, 2 iunie 2014, Eskisehir, Turcia, Some aspects regarding SiC and Si₃N₄ obtaining via polymer nanocomposites, Anita-Laura Radu, Andrei Sarbu, Anamaria Zaharia, Sorina Alexandra Garea, Victor Fruth, Adriana Rusu, Silviu Preda, Jeanina Pandeale Cusu, Sorin Pasat.
4. Workshop “Advances in ceramic powder obtaining via polymer composites”, 2 iunie 2014, Eskisehir, Turcia, Researches concerning the preparation of mesoporous silica starting from serpetinit, Teodor Velea, Mara Luminita, Vasile Badilita, Gradinaru Andreea, Victor Fruth.
5. VI International Congress of Metallurgists of Macedonia, Ohrid, 27 mai – 2 iunie 2014, Macedonia, Research Regarding Synthesis and Physical and Chemical Characterization Aspects on Mesoporous Silica Materials Obtained from a Waste Natural Serpentinite Rocks, Andreea Mitu, Luminita Mara, Andrei Sarbu, Anita Laura Radu, Georgiana Moise, Enache Lenuta, Viorel Badilita, Valentin Dragut, Florin Stoiciu, Mihai Ghita, Victoria Soare.

6. The Sustainable Mining and Processing Symposium, SHECHTMAN INTERNATIONAL SYMPOSIUM, 29 iunie-4 iulie 2014, Cancun, Mexic, Ceramic Powder Obtained via Hybrid Inorganic-Organic Polymer Nanocomposites, Sarbu Andrei, Anita Laura Ciripoiu, Luminita Mara, Victor Fruth-Oprisan, Teodor Velea, Ioana Andreea Gradinaru, Anamaria Zaharia, Alexandra Sorina Garea, Celina Damian, Hasan Mandal, Ferhat Yardim.
7. The Sustainable Mining and Processing Symposium, SHECHTMAN INTERNATIONAL SYMPOSIUM, 29 iunie-4 iulie 2014, Cancun, Mexic, Biomining: Lead Concentrates Oxidation, Teodor Velea.
8. 8^{ème} Colloque Franco-Roumain de Chimie Appliquée, 15-18 septembre 2014, Montpellier, Franta, Unique polyvinyl acetate-mesoporous synthetic zeolite composites prepared in ultrasonic field, Anita-Laura Radu, Celina Damian, Victor Fruth, Tanta-Verona Iordache, Anamaria Zaharia, Horia Iovu, Andrei Sarbu.
9. A XXXIII-a Conferință Națională de Chimie, 24-25 octombrie 2014, Calimanesti, Romania, Advanced characterization of polymer nanocomposites based on porous silica, Anita-Laura Radu, Andrei Sarbu, Sorina Garea, Anamaria Lungu, Tanta-Verona Nicolescu, Ana Mihaela Florea, Teodor Sandu, Stela Iancu.
10. Al XI-lea simpozion național de pulberi ceramice, 07.11.2014 Bucuresti, Ceramic powder obtained via hybrid inorganic-organic polymer nanocomposites, Anita-Laura Radu, Andrei Sarbu, Victor Fruth, Anamaria Zaharia, Tanta-Verona Iordache, Irina Atkinson, Luminita MARA, Celina Damian, Stela Iancu.
11. Ceramic Powder Obtained Via Hybrid Inorganic-Organic Polymer Nanocomposites Authors: Anita-Laura Radu, Andrei Sarbu, Victor Fruth, Anamaria Zaharia, Tanta-Verona Iordache, Irina Atkinson, Luminita Mara, Celina Damian, Steluta Apostol, Fanica Bacalum, Sorin Pasat, Workshop "Advances in ceramic powder production and characterization", Istanbul, Turkey 2 April 2015.
12. Innovative Ceramic Powders Based on Inorganic-organic Nanoconposites: Synthesis and Characterization A. L. Radu, A. Sarbu, V. Fruth, A. Zaharia, T. V. Iordache, A. M. Florea, T. Sandu, I. Atkinson, C. Damian, S. Apostol, S. Pasat, European Polymer Congress EPF, Dresden Germany 21-26 June 2015.
13. Encapsulation of Pt-based drugs for oral chemotherapy in porous organophilized clays: characterization of clay hybrids and slow release assays in aqueous medium, Anita-Laura Radu, Tanta-Verona Iordache, Anamaria Zaharia, Andrei Sarbu, Monica Duldner, Teodor Sandu, Cristina Lavinia Nistor, Radu Fierascu, Irina Fierascu, Alexandra Sorina Garea, International Congress of Young Chemists - YoungChem2015, Cracovia, Polonia, 7-12 octombrie 2015.
14. Radical polymerization in inorganic porous structures (host-guest), Anita-Laura Radu, Andrei Sarbu, Zilele academice ieșene - a XXV-a sesiune de comunicări științifice - progrese în stiinta compusilor organici si macromoleculari lași, 24 - 26 septembrie 2015.

15. Innovative Ceramic Powders Based on Inorganic-organic Nanoconposites: Synthesis and Characterization A. L. Radu, A. Sarbu, V. Fruth, A. Zaharia, T. V. Iordache, A. M. Florea, T. Sandu, I. Atkinson, C. Damian, S. Apostol, S. Pasat. Workshop "The obtaining of new ceramic powders via polymer nanocomposites", Bucuresti, Romania, 15 october 2015.
16. Intensifying the recovery of useful elements (Si, Mg, Fe) from serpentinite wastes by the use of synergic influence of microwave irradiation fields and advanced grinding material effects, Autori: L. Mara, T. Velea, G.A. Moise, D.C. Mihaiescu, A. Sarbu, A.L. Radu, L. Enache, P. Capota, V. Badilita, V. Dragut, V. Oprisan-Fruth, C. Munteanu, L. Sarbu, 19th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE 19, September 2-5, 2015, Sibiu, Romania.
17. Influence of the electromagnetic irradiation pretreatment on the separation process in wet medium of the mesoporous silica with low iron content from serpentinite minerals, Autori: L. E. Mara, V. Teodor, G. Moise, A. Gradinaru, A. Sarbu, D. Mihaiescu, P. Capota, V. Dragut, F. Stoiciu, L.A. Radu, V. Fruth, C. Munteanu, XIth Edition of International Symposium Priorities of Chemistry for a Sustainable Development, PRIOCHEM, October 29-30, 2015, Bucharest, Romania.
18. Obtaining of mesoporous silica with reduced Iron content from waste serpentinite ore, Autori: T. Velea, L. Mara, L. Gherghe, G. Moise, V. Dragut, Workshop "Advanced in ceramic powder production and characterization, Istanbul, Turkey, 2 Aprilie 2015.
19. Obtaining of mesoporous silica with reduced Iron content from waste serpentinite ore. Recovery/valorisation of other predominant metals elements, Autori: T. Velea, L. Mara, L. Gherghe, A. Gradinaru, G. Moise, D.C. Mihaiescu, V. Dragut, F. Stoiciu. Workshop "New approaches for SiC and Si₃N₄ obtaining via polymer nanocomposites and their use for structural ceramics".