

## LISTA DE LUCRĂRI

### Lista articolelor publicate în reviste cotate ISI

1. Ignat M., Samoila P., **Coromelci C.**, Sacarescu L., Asaftei I., Harabagiu V., Miron C., *Plasma generation in liquid as a new efficient synthesis approach of titania–zinc ferrite nano(photo)catalyst*, 2018, Comptes Rendus Chimie 21(3-4), pp. 310-317
2. Lutic D., **Coromelci C.-G.**, Juzsakova T., Cretescu I., *New mesoporous titanium oxide-based photoactive materials for the removal of dyes from wastewaters*, 2017, Environmental Engineering and Management Journal 16(4), pp. 801-807
3. **Coromelci-Pastravanu C.**, Ignat M., Popovici E., Harabagiu V., *TiO<sub>2</sub>-coated mesoporous carbon: Conventional vs. microwave-annealing process*, Journal of Hazardous Materials 278 (2014) 382–390
4. Gheorghiu F., Tanasa R., Buscaglia M.T., Buscaglia V., **Pastravanu C.G.**, Popovici E., Mitoseriu L., *Preparation of Bi<sub>2</sub>Fe<sub>4</sub>O<sub>9</sub> particles by hydrothermal synthesis and functional properties*, Phase Transitions: A Multinational Journal, Volume 86, Issue 7, 2013, Special Issue: The Third COST MP0904 WG Workshop, 23-24 April 2012
5. Alexa I.F., **Pastravanu C.G.**, Ignat M., Popovici E., *A comparative study on long-term MTX controlled release from intercalated nanocomposites for nanomedicine applications*, 2013, Colloids and Surfaces B: Biointerfaces 106, pp. 135-139
6. Lutic D., **Coromelci-Pastravanu C.**, Cretescu I., Poullos I., Stan C.D., *Photocatalytic Treatment of Rhodamine 6G in Wastewater Photoactive ZnO*, International Journal of Photoenergy, Vol. 2012, doi:10.1155/2012/475131
7. Stan C.D., Cretescu I., **Pastravanu C.**, Poullos I., Drăgan M., *Treatment of Pesticides in Wastewater by Heterogeneous and Homogeneous Photocatalysis*, International Journal of Photoenergy, Volume 2012, Article ID 194823, 6 pages, doi:10.1155/2012/194823
8. Ignat M., **Coromelci C.**, Popovici E., *TiO<sub>2</sub>-coated Ordered Mesoporous Carbon for Phenol Photodegradation*, Revista de Chimie, 63, nr. 4, 2012, pp. 358-361

### Lucrări publicate in extenso în Conference Proceedings

1. **C. Pastravanu**, I.F. Alexa, I. Cretescu, E. Popovici, *Photocatalytic properties of N-doped TiO<sub>2</sub>. The effect of the synthesis procedure*, IEEE CAS 2010 Proceedings, ISBN: 978-1-4244-5781-6, ISSN: 1545-827X
2. M. Ignat, **C. Pastravanu**, E. Popovici, *Mesoporous Carbon Pipes – Suitable Materials for Photocatalytic Supports*, IEEE CAS 2010 Proceedings, ISBN: 978-1-4244-5781-6, ISSN: 1545-827X

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