

LISTA LUCRĂRILOR PROPRII LA CARE FACE REFERIRE TEZA DE DOCTORAT

Ing. Oana-Elena Ștefănescu

- [1] M. Ștefănescu, C. Caizer, M. Stoia, **O. Ștefănescu**: Ni,Zn/SiO₂ ferrite nanocomposites prepared by an improved sol-gel method and their characterisation, *J. Optoel. Adv. Mat.*, vol. 7 (2), pp. 607 – 614, 2005.
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- [10] **O. Ștefănescu**, C. Davidescu, M. Ștefănescu, M. Stoia, "Preparation of Fe_xO_y/SiO₂ nanocomposites by thermal decomposition of some carboxylate precursors formed inside the silica matrix", *J. Therm. Anal. Cal.*, vol. 97 (1), pp. 203-208, 2009.
- [11] M. Ștefănescu, M. Stoia, **O. Ștefănescu**, C. Davidescu, G. Vlase, P. Sfirloagă, "Synthesis and characterization of poly(vinylalcohol)/ethylene glycol/silica hybrids. Thermal analysis and FT- IR study", *Rev. Roum. Chim.*, vol. 55 (1), pp. 17-23, 2010.
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- [1] **O. Ștefănescu**, M. Ștefănescu, M. Stoia, P. Barvinschi, T. Dippong, "Study on the obtaining of $\text{Fe}_2\text{O}_3/\text{SiO}_2$ nanocomposites through a modified sol-gel method", *Analele Universității de Vest din Timișoara*, ser. Chim., vol.16 (4), pp. 79-86, 2007.
- [2] M. Stoia, M. Ștefănescu, C. Caizer, **O. Ștefănescu**, "Synthesis og magnetic nanocomposites $x\%(\text{Ni}_{0.75}\text{Zn}_{0.25}\text{Fe}_2\text{O}_4)/(100-x)\%\text{SiO}_2$ by a sol-gel method", *Analele Universității de Vest din Timișoara*, ser. Chim., vol.16 (4), pp. 87-94, 2007.
- [3] T. Dippong, M. Ștefănescu, M. Stoia, **O. Ștefănescu**, G. Gavriș, "Study on the formation of cobalt oxides nanoparticles in silica matrix by a sol-gel method", *Analele Universității de Vest din Timișoara*, ser. Chim., vol.16 (4), pp. 35-42, 2007.

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- [1] M. Ștefănescu, **Oana Ștefănescu**, Marcela Stoia, "The synthesis of the Ni, Zn ferrite through thermal conversion of carboxylic forerunners resulted in the reaction between metallic nitrates and different polyols", *Proceedings RICCCCE XIV*, Vol 1, Section 8, S08-29 – 37, Iași, 2005.