

8. Rezultate obținute în cercetare: lucrări publicate în ultimii 6 ani, pe ani, în ordine descrescătoare, începând cu anul 2010 (cărți, lucrări publicate în reviste clasificate de CNCSIS, cu menționarea monitorizării ISI, și a factorului de impact, unde este cazul)

**Departamentul 9: Laboratorul de Chimie Coordinativa si Supramoleculara
Supramolecular and Coordination Chemistry Laboratory**

Carti:

1. D. C. Culita, G. Marinescu, L. Patron, capitol de carte *From Polynuclear Complex Precursors to Magnetite Nanoparticles: Synthesis and Properties*, in cartea *Magnetite: Structure, Properties and Applications*, Nova Science Publishers, Inc. NY, Editors: Dawn M. Angrove, 2011, ISBN: 978-1-61761-839-0, p.317-335.
2. P. Ionita, Radicali liberi persistenti in exemple si aplicatii, ARS DOCENDI, Universitatea din Bucuresti, 2010.
3. D.C. Culita, G. Marinescu, L. Patron, *Magnetita – eterna enigma*, Editura MATRIX ROM Bucuresti, 2009.
4. Beteringhe, C. Axon, I. M. Stoica, M. Leu, *Zig-zag prin matematica*, Ed. Universitara, Bucuresti, 2009, ISBN: 978-973-749-699-7.
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6. E. Fagadar-Cosma, A. Beteringhe, Porfirinele. Notiuni de terapie fotodinamica si chimie computationala, Ed. Eurostampa, Timisoara, 2008, ISBN: 978-973-687-760-5.

Lucrari:

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3. F. Ciolan, L. Patron, G. Marinescu, N. Cioatera, M. Mureseanu, „*Synthesis and Characterization of Zn(II) Binuclear Complexes with three Schiff bases derived from some Amino Acids and 2,2'-(propane-1,3-diylldioxy)dibenzaldehyde*”, REVISTA DE CHIMIE, 2011, 62(12), 1145-1149. IF = 0.693
4. M. Tudose, D. C. Culita, G. Marinescu, C. Ghica, P. Ionita, *Chemically Modified (Nano)Silica as Sensitive Material for Arginine and Lysine*, J. INORG. ORGANOMET. POLYM. 2011, 21, 492-497. IF = 1.473
5. D. Gingasu, O. Oprea, I. Mindru, D. C. Culita, L. Patron, “*Alkali earth metal indates synthesized by precursor method*”, DIGEST J. NANOMATER. BIOSTRUCT, 2011, 6(3), 1215-1226. IF = 2.079
6. D. Gingasu, I. Mindru, L. Patron, J. Maria Calderon-Moreno, L. Diamandescu, F. Tuna, T. Popescu, “*Investigation of magnetite formation in the presence of hydrazine dihydrochloride*”, DIGEST J. NANOMATER. BIOSTRUCT, 2011, 6(3), 1065-1072. IF = 2.079

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