

**Asist dr.** Ioana Gorodea

**Domeniu de activitate:** Chimie anorganica;

**Domeniul de cercetare:** Chimie anorganica, chimia solidului, materiale oxidice: sinteza si caracterizare.

**Titular:**

**Curs si seminar :** Probleme pentru concursuri didactice, Master anul I DCH

**Curs si seminar:** Managementul experimentului real si virtual de laborator in chimie, Master anul I DCH

**Seminar:** Chimie Generală – Chimie Anorganica, Anul I CH

**Laborator:** Bazele chimiei anorganice, Anul I CH

**Laborator:** Chimia nemetalelor, Anul I CH

**Laborator:** Chimia metalelor din blocul d , Anul II CH

**Lucrări semnificative:**

1. M. N. Palamaru, A. R. Iordan, C. D. Aruxandei, **Ioana Aurelia Gorodea**, E. A. Perianu I. Dumitru, M. Feder, O. Caltun **"The synthesis of doped manganese cobalt ferrites by auto combustion technique"**, Journal of optoelectronics and advanced materials, vol.10, no.7, july, p.1853-1856, 2008
2. **Ioana Aurelia Gorodea**, F. G. Brezeanu, S. Triki, K. Popa, A. R. Iordan, M. N. Palamaru, **"Contributions in synthesis and characterizations of the double perovskites oxides in  $Sr_2Ni_{1-x}Mn_xWO_6$  series"**, Acta Chemica Iasi, vol. 17, p.31-44, 2009
3. Al. Cecal, T. Lupascu, O. R. Hauta, **Ioana Aurelia Gorodea**, M. N. Palamaru, A. R. Iordan, A. Macovei **"Catalytic property of double layered perovskites  $A_2MM'O_6$  for radiolytical split of water"** Chemistry Journal of Moldova, General, Industrial and Ecological Chemistry, 4 (1), 118-122, 2009
4. **Ioana Aurelia Gorodea**, S. Triki, K. Popa, A. R. Iordan, M. N. Palamaru, **"Synthese et caracterisation des composés de type  $Sr_2Ni_{1-x}Mn_xWO_6$ "**, Premier Colloque Francophone sur les matériaux les procédés et l'environnement, 2009
5. **Ioana Aurelia Gorodea**, M. N. Palamaru, A. R. Iordan, E. A. Perianu **"Structural, electrical and magnetic characterization of the double perovskites  $Sr_2Cr_{(1-x)}W_{(1-x)}O_6$ "**, Revista de chimie, vol. 61, nr.4, p.351-354, 2010,
6. E. A. Perianu, M. N. Palamaru, A. R. Iordan, A. C. Ianculescu, **Ioana Aurelia Gorodea**, **"Combustion synthesis of oxides compounds  $Ca_{2-x}La_xMnMoO_6$ "**, Revista de chimie, vol. 61, p.242-244, nr.3, 2010
7. E.-A. Perianu, **Ioana Aurelia Gorodea**, F. Gheorghiu, A.V. Sandu, A. C. Ianculescu, I. Sandu, A.R. Iordan, M. N. Palamaru **"Preparation and Dielectric Spectroscopy Characterization of  $A_2MnMoO_6$  (A = Ca, Sr and Ba) Double Perovskites"** REV. CHIM. (Bucharest), 62, No. 1, 2011