

MIRELA GOANȚĂ

Research themes:

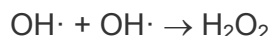
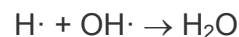
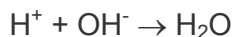
- **Inorganic chemistry** : synthesis of coordination compounds of platinum metals
- **Nuclear chemistry and radiochemistry**: water radiolysis
- **Pollutants**: study of inorganic pollutants

Inorganic chemistry : synthesis and characterization of coordination compounds of platinum metals;

Nuclear chemistry and radiochemistry : the production of hydrogen by water radiolysis în presence of catalysts platinum type metal coordination compounds ;

Pollutants : Study of inorganic pollutants

Keywords: Coordination compounds , metals platinum , radiolysis of water, inorganic pollutants



Publications (selection)

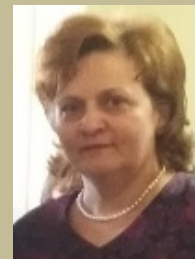
Gorodea, I., **Goanta, M.**, Toma, M. Impact of A cation size of double perovskite A_2AlTaO_6 (A' Ca, Sr, Ba) on dielectric and catalytic properties, *Journal of Alloys and Compounds*, 632, 805-809, **2015**.

Goanță, M., Gorodea, I.A., "Fundamentele chimiei", Editura Stef, **2012**.

Mirela Goanta, A Gas Chromatographic Method to get Reliable Sulphur Hexafluoride Model Validation Data, *Acta Chemica Iasi*, 19(2), 137-1413, **2011**.

Mirela Goanta, Astefanei, A., Cozma, D.G., The Importance of Meteorological factors in Greenhouse Gases Emissions, *Acta Chemica Iasi*, 17(1), 59-72, **2009**.

van Gorsel, E. **Goanta, M.**, Bernhofer, C., Traceflux: a small-scale tracer experiment at a forested site, *International Journal of Environment and Pollution*, 25, 25-32, **2005**.



(b.1968)

PhD

e-mail:

goanta@uaic.ro

**Inorganic chemistry
Nuclear chemistry
and radiochemistry
Pollutants**

PhD

„Al. I. Cuza” University of Iași, 1999

Marie Curie

2003-2005, TU Dresden, Germany

DAAD

-Oct. 1996-Sept. 1997, Albert Ludwigs University Freiburg im Breisgau, Germany, -June-Sept. 2000 NATO DAAD Albert Ludwigs University Freiburg im Breisgau, Germany -DAAD: 2008, 2009, 2010, 2013, 2015- Alumni TU Dresden