

ILIS MONICA VICTORIA

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Data nașterii: 26.02.1970

Pozitia didactica: Asistent doctor

Domenii de competență:

- chimia combinațiilor complexe cu baze Schiff;
- chimia combinațiilor complexe cu aminoacizi și derivați de aminoacizi;
- chimia combinațiilor complexe cu potențială activitate terapeutică;
- compusi cu proprietati de cristale lichide;

Cursuri predate: Chimie Generala-An Pregatitor

Articole publicate:

1. *Coordination compounds of Co(II), Ni(II), Cu(II), Zn(II), Cd(II) with Schiff bases derived from 4,5-dihydroxi-phtalaldehyde and p-bromaniline*, A. Kriza, T. Roșu, **M.V. Voiculescu (Iliș)**, A. Nicolae, Anal. Univ. Buc., **1999**, 8, 5-11.
2. *Coordination of Co(II), Ni(II), Cu(II), Cd(II) and Hg (II) with the Schiff base derived from 5-formylvaniline and p-iodoaniline*, A. Kriza, T. Roșu, **M.V. Voiculescu (Iliș)**, N. Stanica, Scientific Bull. UPB, **2000**, 62, 3, 27-32.
3. *Thermal and electric behaviour of some Copper (II) complex compounds*, T. Roșu, N. Popa, R. Georgescu, **M.V. Voiculescu (Iliș)**, N. Stanica, Scientific Bull. UPB, **2000**, 62, 3, 43-54.
4. *Coordination of Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and Hg (II) with new Schiff bases derived from o-phenylenediamine and 5-formylvaniline*, A. Kriza, **M.V. Iliș**, A. Nicolae, Anal. Univ. Buc., **2002**, XI, 197-201.
5. *Synthesis and stability studies in physiological-like conditions of two urea complexes of copper (II) and manganese (II)*, V. Pop, A. Kriza, **M. Iliș**, Anal. Univ. Buc., **2002**, XI, 2, 63-68.
6. *Synthesis and stability studies in physiological-like conditions of a new compound of copper (II) with mixed ligands*, V. Pop, A. Kriza, **M. Iliș**, D. Popa, J. Indian Chem. Soc., **2003**, 80, 673-676.
7. *Urea and N-substituted urea derivatives compounds of iron (II) are suitable intermediates in the synthesis of complexes mimiking the non-heme iron-containing enzymes*, **M. Iliș**, A. Kriza, I. Badea, V. Pop, Anal. Univ. Buc., **2004**, XIII, 1-2, 173-178.
8. *Coordination of Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and Hg (II) with new Schiff base derived from 4,5-dihydroxiphtalaldehyde and 2-aminothiazole*, **M.V. Iliș**, A. Kriza, V. Pop, A. Nicolae, Anal. Univ. Buc., **2005**, XIV, 1-2, 117-122.
9. *Combinatii complexe cu derivati de tip N-benzoiltiouree ale Pt(II) si Pd(II)*, A. Deleanu, **M. Iliș**, T. Rosu, V. Circu, Rev. Chimie (Bucharest), **2006**, 57, 1216.

10. *Synthesis, characterization and thermal behaviour of ortho-metallated Pd(II) complexes containing N-benzoylthiourea derivatives*, A.C. Tenchiu, **M. Iis**, F. Dumitrascu, A.C. Whitwood, V. Cîrcu, *Polyhedron*, **2008**, 27(18), 3537.
11. *New liquid crystalline materials based on ortho-metallated palladium(II) and platinum(II) complexes with S,O-donor co-ligands*, V. Cîrcu, **M. Iis**, F. Dumitrascu, *J. Optoelectron. Adv. Mater.*, **2008**, 10(12), 3454.
12. *Mesomorphic behavior and TSDC measurements of ortho-metallated palladium(II) and platinum(II) complexes with S,O-donor co-ligands*, V. Cîrcu, D.Manaila-Maximeam, C.Rosu, **M. Iis**, Y.Molard, F. Dumitrascu, *Liquid Crystals*, **2009** 36(2), 123.