

## LIST OF PUBLICATIONS

Conf. Dr. VIOREL CÎRCU

### Books and book chapters:

1. Viorel Cîrcu, Monica Ilis, Cristale lichide. Metalomezogeni. Aplicatii si caracterizare, Editura Printech, Bucuresti, 2015 ISBN 978-606-23-0516-1.
2. X-Ray Structural Characterization of Cyclometalated Luminescent Pt (II) Complexes, Marin Micutz, Viorel Cîrcu, in "Current Trends in X-Ray Crystallography", Ed. A. Chandrasekaran, 2011, pp. 255 – 282, Intech Publisher, ISBN 978-953-307-754-3.
3. Ionic Liquid Crystals Based on Pyridinium Salts, Viorel Cîrcu in "Ionic Liquids", Ed. Scott Handy, 2017, pp. 285 – 311, IntechOpen, DOI: 10.5772/65757, ISBN 978-953-51-2901-1.

### List of ISI publications:

1. Sinteza si Caracterizarea Combinatiilor Complexe ale Cu(II), Ni(II), Pt(II), Pd(II), Cd(II) si Hg(II) cu N-benzoil-N'-2,3-dimetilfeniltiouree, D. Negoiu, V. Cîrcu, T. Rosu, N. Badicu, *Rev. Chim.(Bucharest)*, **1999**, 50, 88. IF=1.412
2. Sinteza, caracterizarea si comportamentul termic al combinatiilor complexe ale Co(II) si Ni(II) cu 2,2'-diamino-4,4'-ditiazolul si derivatul diacetilat al acestuia, D. Negoiu, V. Cîrcu, A. Nicolae, S. Serban, O. Maior, *Rev.Chim.(Bucharest)*, **1999**, 50, 513. IF=1.412
3. Synthesis, Characterization of Complexes of N-Benzoyl-N'-2-nitro-4-methoxy phenylthiourea with Cu, Ni, Pt, Pd, Cd and Hg, **V. Cîrcu\***, M. Negoiu, T. Rosu, S. Serban, *J. Thermal Anal. Calorim.*, **2000**, 61, 935. IF=2.209
4. Synthesis and EPR Characterization of a Series of Cu(II) Complexes with 2,2'-Diamino-4,4'-bithiazole and 2,2'-Bisacetamido-4,4'-bithiazole, **V. Cîrcu\***, M. Negoiu, T. Rosu, L. Stoicescu, R.Georgescu, *Synth. React. Inorg.-Met. Org. Chem.*, **2000**, 30, 1653. IF=0.715
5. Combinatii complexe ale Ru(III) cu liganzi micsti, M. Negoiu, T. Rosu, L. Stoicescu, V.Cîrcu, *Rev. Chim. (Bucharest)*, **2000**, 51, 492. IF=1.412
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7. Tris(triphenylphosphine)rhodium Cyano and Triphenylcyanoborate Complexes. Structures and a DFT study, M. A. Fernandes, V. Cîrcu, R. Weber, T. Varnali, L. Carlton, *J. Chem. Crystallogr.*, **2002**, 32, 573. IF=0.699

- 8.** Reactivity of a Rhodium(I) Complex Towards Oxygen Enhanced by a Cyano Ligand. Structure of  $[\text{Rh}(\text{CN})(\text{O}_2)(\text{PPh}_3)_2(\text{XNC})]$  ( $\text{XNC} = \text{xylyl isocyanide}$ ), V. Cîrcu, M. Fernandes, L. Carlton, *Polyhedron*, **2002**, *21*, 1775. IF=2.067
- 9.** Reaction of bis(phosphine)hydrotris(3,5-dimethylpyrazolyl)borate rhodium(I) complexes with phenylacetylene, p-nitrobenzaldehyde and triphenyltin hydride. Structures of  $[\text{Rh}(\text{Tp}^*)(\text{PPh}_3)_2]$ ,  $[\text{Rh}(\text{Tp}^*)(\text{H})(\text{C}_2\text{Ph})\{\text{P}(\text{C}_6\text{H}_4\text{F})_3\}]$ ,  $[\text{Rh}(\text{Tp}^*)(\text{H})(\text{CO}-\text{C}_6\text{H}_4-\text{NO}_2)(\text{PPh}_3)]$  and  $[\text{Rh}(\text{Tp}^*)(\text{H})(\text{SnPh}_3)(\text{PPh}_3)]$ , V. Cîrcu, M.A. Fernandes, L. Carlton, *Inorg. Chem.*, **2002**, *41*, 3859. IF=4.700
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25.06.2018

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