

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII/ COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
<b>ARTICOLE ISI</b>				
1	A. Pui, Th. Maluțan, L. Tătaru, C. Maluțan, D. Humelnicu, G. Carja	New complexes of lanthanide Ln(III), (Ln = La, Sm, Gd, Er) with Schiff bases derived from 2-furaldehyde and phenylenediamines	<i>Polyhedron</i> , <b>30</b> , 2127–2131	2011
2	C. Oprea, P. Panait, F. Cimpoeșu, I. Humelnicu, Marilena Ferbințeanu, M. Gîrțu,	Broken symmetry DFT calculations of exchange coupling constants for manganese-porphyrin quasi-one-dimensional molecular magnets	<i>Theor Chem Acc</i> <b>131</b> (7) 1249-1261	2012
3	D. Maftעי, Gh. Zbancioc, I. Humelnicu, I. Mangalagiu	Conformational Effects on the Lowest Excited States of Benzoyl-Pyrrolopyridazine. Insights from PCM Time-Dependent DFT	<i>J. Phys. Chem. A</i> , <b>117</b> , 3165-3175	2013
<b>ARTICOLE ALTE BAZE DE DATE</b>				
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<b>CARTI</b>				
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<b>COMUNICARI ȘTIINȚIFICE NAȚIONALE</b>				
1.	I. Humelnicu, D. Maftעי, Doina Humelnicu	Studies on the formation of actinides' complexes with aminosulfonic ligands in solution	a XXXI-a Conferință Națională de Chimie, Râmnicu Vâlcea	06-08 octombrie 2010
2.	F. Cimpoeșu, I. Humelnicu, D. Maftעי, M. Ferbințeanu	On the ab initio Account of the Ligand Field Effects and Magnetic Anisotropy in Lanthanide Complexes	12th International Balkan Workshop on Applied Physics,	July 06-08, 2011, Constanța
3.	I. Humelnicu, D. Humelnicu, C.F. Dascalu, D.O. Dorohoi	Spectral Study of 3,3',3'',3'''-((1E,1'E,1''E,1'''E)-([1,1'-biphenyl]-3,3',4,4'-tetrayltetrakis (azanylylidene)) tetrakis(methanylylidene))tetrakis (naphthalen-2-ol), (NAFTALDAB), in Condensed Media	31st European Congress on Molecular Spectroscopy (EUCMOS 2012) Babeș-Bolyai University, Cluj-Napoca, Romania,	August 26-31, 2012
4.	D. Maftעי, I. Humelnicu, S. Gosav, Gh. Zbancioc, I.	Origin of Fluorescence Loss in Benzoyl-Substituted Pyrrolopyridazines by Time-	31st European Congress on Molecular Spectroscopy	August 26-31, 2012

	Mangalagiu	Dependent DFT	(EUCMOS 2012) Babeş-Bolyai University, Cluj-Napoca, Romania,	
5.	D. Humelnicu, I. Humelnicu, S. Sova	Synthesis and characterization of some lanthanide polioxomolybdates	Conferința Facultății de Chimie în cadrul manifestărilor Zilele Universității “Alexandru Ioan Cuza” din Iași,	25-26 octombrie 2012
6.	I. Humelnicu	Non covalent interaction in some supramolecular systems	Conferința Facultății de Chimie în cadrul manifestărilor Zilele Universității “Alexandru Ioan Cuza” din Iași,	25-26 octombrie 2012
7.	I. Humelnicu, D. Humelnicu, P. Bădică, M. Ferbințeanu	Complexes of Anderson-Type Heteropolymolybdates with Lanthanides: synthesis and magnetic properties	International Conference of Physical Chemistry - ROMPHYSICHEM, Bucharest, Romania	September 11-13, 2013
8.	D.L. Isac, D. Maftai, I. Humelnicu	Studiul teoretic (PCM TD-DFT) al primelor tranziții electronice în izomerii cis și trans ai azobenzenului și ai unor derivați	“Alexandru Ioan Cuza” Dies Academici, Faculty of Chemistry Conference, Iași, Romania	October 31 - November 02, 2013
9.	D. Maftai, D.C. Sergentu, I. Humelnicu, I. Mangalagiu	Vibronic structure and intramolecular charge transfer character of the lowest singlet excited state in indolizine and azaindolizines: insights from theory	“Alexandru Ioan Cuza” Dies Academici, Faculty of Chemistry Conference, Iași, Romania	October 31 - November 02, 2013
<b>COMUNICARI STIINTIFICE INTERNATIONALE</b>				
1	M. Ferbințeanu, Șt. Tanase, I. Humelnicu, F. Cimpoeșu	The Missing Link in the Magneto-Structural Correlations of Lanthanide Complexes: The Realistic Description of Ligand Field and Long Range Effects Via ab initio Methods and the First Principle Simulation of Magnetic Properties	International Symposium on Advanced Complex Inorganic Nanomaterials (ACIN 2011) Namur (Belgium),	September 11-14, 2011
2.	I. Humelnicu, D. Humelnicu, D. Maftai	New 3d-4f Mixed Coordination Compounds Based on N-, O-Donor Ligands	International Symposium on Advanced Complex Inorganic Nanomaterials (ACIN 2011) Namur (Belgium),	September 11-14, 2011
3.	I. Humelnicu, S. Șova, D. Humelnicu, P. Bădică, M. Ferbințeanu	Lanthanide Polioxomolybdates: Synthesis, Structure and Magnetic Properties	40 International Conference on Coordination Chemistry (ICCC-40), Valencia - Spain,	September 9th - 13th, 2012
4.	I. Humelnicu, D. Humelnicu	Non-covalent interactions of aromatic structures in nanotubes	9th European Conference of Computational Chemistry (EuCo-CC9), Sopron - Hungary	1-5 September 2013
<b>ATLASE, DICTIONARE DE SPECIALITATE</b>				
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<b>ALTE PUBLICATII</b>				
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**Director proiect**

**Conf.dr. Ionel Humelnicu**

