

# Sergiu G Shova

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

267  
papers

4,168  
citations

32  
h-index

50  
g-index

281  
ext. papers

4,567  
ext. citations

3.3  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
267	Crystal structure of poly[[di-aqua-tetra-cyano-platinum(II)iron(II)] methanol 4/3-solvate]: a three-dimensional Hofmann clathrate analogue.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2022</b> , 78, 216-219	0.7	
266	Two-Step Spin Crossover in Hofmann-Type Coordination Polymers [Fe(2-phenylpyrazine){M(CN)}] (M = Ag, Au).. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	1
265	Mono- and oligonuclear complexes based on a o-vanillin derived Schiff-base ligand: Synthesis, crystal structures, luminescent and electrochemical properties. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1248, 131439	3.4	1
264	-Poly[[tetra-kis-(3,5-dimethyl-1-pyrazole-1)copper(II)]-sulfato- $\mu$ crystal structure and Hirshfeld surface analysis of a Cu coordination polymer.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2022</b> , 78, 433-438	0.7	
263	2D coordination polymers and ionic complexes of the nickel(II) and zinc(II) cyclam cations with trigonal carboxylate linkers based on triazine core. Crystal structures, supramolecular catenation and spectral characterization. <i>Polyhedron</i> , <b>2022</b> , 221, 115870	2.7	1
262	Crystal structure of 9-amino-acridinium chloride ,di-methyl-formamide monosolvate.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 1303-1306	0.7	
261	Field-induced single ion magnet behaviour of discrete and one-dimensional complexes containing [bis(1-methylimidazol-2-yl)ketone]-cobalt(II) building units. <i>Dalton Transactions</i> , <b>2021</b> , 50, 16353-16363	4.3	1
260	Crystal structure of [[Ni(CHN)][Ni(CN)] $\cdot$ 2H <sub>2</sub> O], a one-dimensional coordination polymer formed from the [Ni(cyclam)] cation and the [Ni(CN)] anion. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 1140-1143	0.7	0
259	Crystal structure and Hirshfeld surface analysis of di-chlorido-bis-[(aceto-nitrile- $\kappa$ chlorido-(ethyl 5-methyl-1-pyrazole-3-carboxyl-ate- $\kappa$ )]copper(II)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 1153-1157	0.7	
258	Synthesis and Toxicity Evaluation of New Pyrroles Obtained by the Reaction of Activated Alkynes with 1-Methyl-3-(cyanomethyl)benzimidazolium Bromide. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
257	Silanol-functionalized tetranuclear copper complex and its nanoscale-heterogenization by immobilization on glass surface from solution. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 344, 117742	6	0
256	Crystal structures of Zn(cyclam)I (second monoclinic polymorph) and Zn(cyclam)I(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 1185-1189	0.7	0
255	Coordination Polymers of the Macrocyclic Nickel(II) and Copper(II) Complexes with Isomeric Benzenedicarboxylates: The Case of Spatial Complementarity between the Bis-Macrocyclic Complexes and o-Phthalate. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 2355-2370	3.5	3
254	Synthesis of $\mu$ -substituted 2-(1H-1,2,4-triazol-3-yl)acetates and 5-amino-2,4-dihydro-3H-pyrazol-3-ones via the Pinner strategy. <i>Tetrahedron Letters</i> , <b>2021</b> , 69, 152956	2	1
253	Slow relaxation of the magnetization in a {CoIIIMnIII} heterometallic brick-wall network. <i>Polyhedron</i> , <b>2021</b> , 200, 115118	2.7	2
252	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	3
251	Synthesis and characterization of [4-{(CH <sub>2</sub> O) <sub>2</sub> CH}C <sub>6</sub> H <sub>4</sub> ] <sub>2</sub> Hg, [4-(O=CH)C <sub>6</sub> H <sub>4</sub> ] <sub>2</sub> Hg and [(E)-4-(RN=CH)C <sub>6</sub> H <sub>4</sub> ] <sub>2</sub> Hg (R = 2?-py, 4?-py, 2?-pyCH <sub>2</sub> , 4?-pyCH <sub>2</sub> ). <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6339	3.1	1

250	Synthesis and properties of new fused pyrrolo-1,10-phenanthroline type derivatives. <i>Journal of the Serbian Chemical Society</i> , <b>2021</b> , 57-57	0.9	0
249	Co (II), Cu (II), Mn (II), Ni (II), Pd (II), and Pt (II) complexes of bidentate Schiff base ligand: Synthesis, crystal structure, and acute toxicity evaluation. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6149	3.1	5
248	Spin crossover in iron(II) Hofmann clathrates analogues with 1,2,3-triazole. <i>Dalton Transactions</i> , <b>2021</b> , 50, 9250-9258	4.3	2
247	Cyanido-bridged {FeIII LnIII} heterobimetallic chains assembled through the [FeIII{HB(pz)3}(CN)3] <sup>+</sup> complex as metalloligand: synthesis, crystal structure and magnetic properties. <i>CrystEngComm</i> , <b>2021</b> , 23, 4615-4626	3.3	0
246	Dual crystalline-amorphous salen-metal complexes behave like nematic droplets with AlEgens vistas. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13841-13858	4.3	1
245	Slow Magnetic Relaxation in {[CoCxApy]} 2.15 HO} MOF Built from Ladder-Structured 2D Layers with Dimeric SMM Rungs. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
244	A rare isostructural series of 3d-4f cyanido-bridged heterometallic squares obtained by assembling [Fe{HB(pz)}(CN)] and Ln ions: synthesis, X-ray structure and cryomagnetic study. <i>Dalton Transactions</i> , <b>2021</b> , 50, 14640-14652	4.3	1
243	Synthesis, crystal structure and luminescent properties of isorecticular lanthanide-organic frameworks based on a tetramethyl-substituted terphenyldicarboxylic acid. <i>Polyhedron</i> , <b>2021</b> , 194, 114927	2.7	1
242	Synthesis and Characterisation of New {Fe2CrO} Heterotrinnuclear Iron-chromium Clusters. <i>Chemistry Journal of Moldova</i> , <b>2021</b> , 16, 66-75	0.9	
241	Synthesis and Evaluation of Biological Activity of Homodrimane Sesquiterpenoids Bearing 1,3,4-Oxadiazole or 1,3,4-Thiadiazole Units. <i>Chemistry of Heterocyclic Compounds</i> , <b>2020</b> , 56, 578-585	1.4	5
240	Spin crossover in 2D iron(ii) phthalazine cyanometallic complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5302-5311	4.1	8
239	Synthesis, characterization, crystal structure and toxicity evaluation of Co (II), Cu (II), Mn (II), Ni (II), Pd (II) and Pt (II) complexes with Schiff base derived from 2-chloro-5-(trifluoromethyl)aniline. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5931	3.1	6
238	New Microporous Lanthanide Organic Frameworks. Synthesis, Structure, Luminescence, Sorption, and Catalytic Acylation of 2-Naphthol. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
237	Role of the Main and Auxiliary Ligands in the Nuclearity of Cu-Ln Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 382-393	2.3	1
236	Nanoscale Coordination Polymer of Dimanganese(II) as Infinite, Flexible Nanosheets with Photo-Switchable Morphology. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 2043-2054	2.3	3
235	A 2D coordination polymer assembled from a nickel(II) tetraazamacrocyclic cation and 4,4'-(dimethylsilanediyl)diphthalate(3-) linker. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2020</b> , 76, 419-426	0.8	4
234	Syntheses and crystal structures of the one-dimensional coordination polymers formed by [Ni(cyclam)] cations and 1,3-bis-(3-carb-oxy-prop-yl)tetra-methyl-disiloxane anions in different degrees of deprotonation. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 446-451	0.7	2
233	Crystal structure of the one-dimensional coordination polymer formed by the macrocyclic [Ni(cyclam)] cation and the dianion of di-phenyl-silanediylbis(4-benzoic acid). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 929-932	0.7	1

232	Crystal structure of di-chlorido-1,2-bis-(3,5-dimethyl-1-pyrazolato-1 $\lambda$ 2 $\kappa$ )(3,5-dimethyl-1-pyrazole-2 $\lambda$ 2 $\kappa$ )-[2-[(2-hydroxy-ethyl)amino-1 $\lambda$ 1 $\kappa$ ]ethano-lato-1:2 $\kappa$ ]dicopper(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1503-1507	0.7	2
231	Coordination Compounds of Copper(II) with Schiff Bases Based on Aromatic Carbonyl Compounds and Hydrazides of Carboxylic Acids: Synthesis, Structures, and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 838-849	1.6	6
230	Crystal structure of bis-[[2-[[bis-(2-hydroxy-ethyl)amino]-ethano-lato]]bis-(3,5-di-methyl-pyrazolato)]tricopper(II) dibromide sesquihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1611-1644	0.7	1
229	Crystal structure of -poly[[[di-aqua-[1,2-bis(pyridin-4-yl)ethene]{4-[2-(pyridin-4-yl)ethen-yl]pyridinium}gold(I)iron(II)-di-cyanido]bis-[dicyanido-gold(I)] 1,2-bis-(pyridin-4-yl)ethene dihydrate]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 944-947	0.9	6
228	Phenothiazine based co-crystals with enhanced luminescence. <i>Dyes and Pigments</i> , <b>2020</b> , 175, 108164	4.6	6
227	Permethylated dinuclear Mn(III) coordination nanostructure with stripe-ordered magnetic domains. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5957	3.1	2
226	The use of C1 symmetry imidazole-carboxylate building block and auxiliary acetate co-ligand for assembly of a 2D wave-like zinc(II) coordination polymer: experimental and theoretical study. <i>Journal of Coordination Chemistry</i> , <b>2020</b> , 73, 2250-2264	1.6	1
225	Insight into the Anticancer Activity of Copper(II) 5-Methylenetrimethylammonium-Thiosemicarbazones and Their Interaction with Organic Cation Transporters. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	6
224	5-Iodo-1-Arylpyrazoles as Potential Benchmarks for Investigating the Tuning of the Halogen Bonding. <i>Crystals</i> , <b>2020</b> , 10, 1149	2.3	6
223	X-ray Structure and Magnetic Properties of Heterobimetallic Chains Based on the Use of an Octacyanidodicobalt(III) Complex as Metalloligand. <i>Magnetochemistry</i> , <b>2020</b> , 6, 66	3.1	3
222	Keto-enol tautomerism in new silatranes Schiff bases tailed with different substituted salicylic aldehyde. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 3100-3111	5.9	5
221	Hofmann-Like Frameworks Fe(2-methylpyrazine)[M(CN)] (M = Au, Ag): Spin-Crossover Defined by the Precious Metal. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6541-6549	5.1	6
220	Introducing chirality in halogenated 3-arylsydnone and their corresponding 1-arylpyrazoles obtained by 1,3-dipolar cycloaddition.. <i>RSC Advances</i> , <b>2020</b> , 10, 15656-15664	3.7	7
219	Synthesis and Evaluation of Biological Activity of Homodrimane Sesquiterpenoids Bearing Hydrazinecarbothioamide or 1,2,4-Triazole Unit. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 716-724 <sup>1.4</sup>	10	
218	Alkali- and alkaline-earth metal-organic networks based on a tetra(4-carboxyphenyl)bimesitylene-linker. <i>Polyhedron</i> , <b>2019</b> , 173, 114128	2.7	5
217	Cascade reactions for constructing heterocycles containing a pyrimidino-pyrazino-pyrimidine core using 1,2,4-triazole scaffolds. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 151089	2	3
216	Dinuclear manganese(III) complexes with bioinspired coordination and variable linkers showing weak exchange effects: a synthetic, structural, spectroscopic and computation study. <i>Dalton Transactions</i> , <b>2019</b> , 48, 5909-5922	4.3	7
215	New palladium(II) complexes with 3-(2-pyridyl)-5-alkyl-1,2,4-triazole ligands as recyclable C $\text{C}$ coupling catalysts. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10973-10984	3.6	7

214	Heterometallic 3d-4d coordination polymers assembled from trans-[Ru(L)(CN)] tectons and 3d cations. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15455-15464	4.3	3
213	Secondary compounds in the catalytic hydrogenation of enone and allylic alcohol prostaglandin intermediates: isolation, characterization, and X-ray crystallography. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 7582-7599	3.6	4
212	In situ generation of PhPO in cyanido-bridged heterometallic {FeLn} molecular squares (Ln = Eu, Sm). <i>Dalton Transactions</i> , <b>2019</b> , 48, 7532-7536	4.3	4
211	Slow relaxation in a {TbBa(β-fur)} polymer with Ln = Tb(iii) non-Kramers ions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 5022-5034	4.3	2
210	Exploring isoxazoles and pyrrolidinones decorated with the 4,6-dimethoxy-1,3,5-triazine unit as human farnesyltransferase inhibitors. <i>Archiv Der Pharmazie</i> , <b>2019</b> , 352, e1800227	4.3	4
209	Coordination polymers and supramolecular solid-state architectures constructed from an organometallic tecton, bis(4-pyridyl)mercury. <i>Polyhedron</i> , <b>2019</b> , 166, 7-16	2.7	3
208	Synthesis, structural characterization and biological studies of new Schiff bases containing trimethylsilyl groups. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1175, 624-631	3.4	5
207	Thermal analysis, synthesis and structural studies of heterometallic {Fe <sub>2</sub> MO} salicylate complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 138, 2623-2633	4.1	2
206	Nickel(II) Complexes with Redox Noninnocent Octaazamacrocycles as Catalysts in Oxidation Reactions. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11133-11145	5.1	6
205	High relaxation barrier in neodymium furoate-based field-induced SMMs. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15386-15396	4.3	4
204	Amphiphilic silicone-bridged bis-triazoles as effective, selective metal ligands and biologically active agents in lipophilic environment. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 294, 111560	6	2
203	Synthesis, characterization, molecular docking studies and in vitro screening of new metal complexes with Schiff base as antimicrobial and antiproliferative agents. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5185	3.1	14
202	Trinuclear Nickel(II) and Cobalt(II) Complexes Constructed from Mannich-Schiff-Base Ligands: Synthesis, Crystal Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4773-4783	2.3	6
201	Crystal structure of -poly[[gold(I)-Ecyanido-[di-aqua-bis-(2-phenyl-pyrazine)-iron(II)]-Ecyanido] dicyanidogold(I)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1149-1152 <sup>0.7</sup>	0.7	2
200	Crystal structure of poly[[di-aqua-tetra-Ecyanido-iron(II)platinum(II)] acetone disolvate]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1536-1539	0.7	1
199	Room temperature hysteretic spin crossover in a new cyanoheterometallic framework. <i>Chemical Communications</i> , <b>2019</b> , 55, 3359-3362	5.8	20
198	Halogen bonding in 5-iodo-1-arylpyrazoles investigated in the solid state and predicted by solution <sup>13</sup> C-NMR spectroscopy. <i>CrystEngComm</i> , <b>2019</b> , 21, 7085-7093	3.3	9
197	Hydrophobic, amorphous metal-organic network readily prepared by complexing the aluminum ion with a siloxane spaced dicarboxylic acid in aqueous medium. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47144	2.9	5

196	Synthesis, structure, computational modeling, and biological activity of two novel bimesitylene derivatives. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 453-469	2.8	3
195	Triphenylbismuth(v) di[(iso)nicotinate]s - transmetallation agents or divergent organometallogoligands? First organobismuth(v)-based silver(i) coordination polymers. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2531-2542	4.3	10
194	Magnetism in Heterobimetallic and Heterotrimetallic Chains Based on the Use of [WV(bipy)(CN) <sub>6</sub> ] <sup>3+</sup> as a Metalloligand. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 360-369	2.3	18
193	Heteronuclear {TbxEu <sub>1-x</sub> } furoate 1D polymers presenting luminescent properties and SMM behavior. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 5286-5299	7.1	15
192	Design of 3d-4f molecular squares through the [Fe{(HB(pz)) <sub>3</sub> }(CN)] metalloligand. <i>Dalton Transactions</i> , <b>2018</b> , 47, 6005-6017	4.3	13
191	Zinc(II) coordination polymer on the base of 3-(1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-carboxylic acid: Synthesis, crystal structure and antimicrobial properties. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 92, 60-63	3.1	3
190	Synthesis, structural characterization and properties of some novel siloxane-based bis-Schiff base copper(II), nickel(II) and manganese(II) complexes. <i>Polyhedron</i> , <b>2018</b> , 146, 129-135	2.7	17
189	Schiff bases containing a furoxan moiety as potential nitric oxide donors in plant tissues. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198121	3.7	3
188	Reaction of Non-Symmetric Schiff Base Metallo-Ligand Complexes Possessing an Oxime Function with Ln Ions. <i>Inorganics</i> , <b>2018</b> , 6, 33	2.9	
187	A long-range tautomeric effect on a new Schiff isoniazid analogue, evidenced by NMR study and X-ray crystallography. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 14459-14468	3.6	1
186	Metallo-supramolecular assemblies of dinuclear Zn(II) and Mn(II) secondary building units (SBUs) and a bent silicon dicarboxylate ligand. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 483, 454-463	2.7	6
185	Synthesis and X-ray Characterisation of a New Mixed-valence Trinuclear Iron Cluster. <i>Chemistry Journal of Moldova</i> , <b>2018</b> , 13, 48-55	0.9	3
184	Three different types of bridging ligands in a 3d-3d-3d heterotrimetallic chain. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1010-1013	4.3	15
183	Spontaneous resolution of non-centrosymmetric coordination polymers of zinc(II) with achiral imidazole-biphenyl-carboxylate ligands. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 275-283	2.7	6
182	Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors. <i>CrystEngComm</i> , <b>2018</b> , 20, 4463-4484	3.3	3
181	An iron(III)-centred ferric wheel Fe <sub>3</sub> {Fe} with a siloxane-based bis-salicylidene Schiff base. <i>Dalton Transactions</i> , <b>2017</b> , 46, 1789-1793	4.3	10
180	Copper(II) thiosemicarbazone complexes induce marked ROS accumulation and promote nrf2-mediated antioxidant response in highly resistant breast cancer cells. <i>Dalton Transactions</i> , <b>2017</b> , 46, 3833-3847	4.3	56
179	Synthesis, Crystal Structures, and Magnetic Properties of Two Novel Cyanido-Bridged Heterotrimetallic {CuMnCr} Complexes. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 2258-2269	5.1	33

178	New Iminodiacetate-Thiosemicarbazone Hybrids and Their Copper(II) Complexes Are Potential Ribonucleotide Reductase R2 Inhibitors with High Antiproliferative Activity. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3532-3549	5.1	34
177	New Pd-NHC PEPPSI complexes from benzimidazolium salts with a phenacyl group attached to N3. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 463, 97-101	2.7	12
176	Evolution of manganese-calcium cluster structures based on nitrogen and oxygen donor ligands. <i>CrystEngComm</i> , <b>2017</b> , 19, 3674-3681	3.3	4
175	Self-assembled Triazole AIE-Active Nanofibers: Synthesis, Morphology, and Photophysical Properties. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3731-3742	3.5	6
174	Cobalt(II) complexes with pentadentate Schiff bases 2,6-diacetylpyridine hydrazones: Syntheses and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 21-36	1.6	5
173	Slow magnetic relaxation in a dimeric MnCa complex enabled by the large Mn(III) rhombicity. <i>Dalton Transactions</i> , <b>2017</b> , 46, 720-732	4.3	10
172	Cyanido-Bridged {LnW} Heterobinuclear Complexes: Synthesis and Magneto-Structural Study. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 12594-12605	5.1	15
171	Hydroboration-Oxidation of (E)-1,3,3a,4,6a-Hexahydro-1,3-pentaledimethanol and Its O-Protected Derivatives: Synthesis of New Compounds Useful for Obtaining (iso)Carbacyclin Analogues and X-ray Analysis of the Products. <i>Molecules</i> , <b>2017</b> , 22,	4.8	1
170	Cobalt(II) Ions Connecting [Co] Helicates into a 2-D Coordination Polymer Showing Slow Relaxation of the Magnetization. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11668-11675	5.1	8
169	A Bis( $\mu$ -chlorido)-Bridged Cobalt(II) Complex with Silyl-Containing Schiff Base as a Catalyst Precursor in the Solvent-Free Oxidation of Cyclohexane. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4324-4332	2.3	12
168	A five-coordinate manganese(III) complex of a salen type ligand with a positive axial anisotropy parameter D. <i>Dalton Transactions</i> , <b>2017</b> , 46, 11817-11829	4.3	14
167	Synthesis, Characterization, Antimicrobial and Antiproliferative Activity Evaluation of Cu(II), Co(II), Zn(II), Ni(II) and Pt(II) Complexes with Isoniazid-Derived Compound. <i>Molecules</i> , <b>2017</b> , 22,	4.8	29
166	Crystal structure of -poly[[[tetra-aqua-iron(II)]- $\mu$ 1,2-bis-(pyridin-4-yl)ethene- $\mu$ 2-bis-(toluene-sulfonate) methanol disolvate]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1977-1980	0.7	
165	Synthesis and biological evaluation of a new class of triazinotriazoles as potential inhibitors of human farnesyltransferase. <i>Research on Chemical Intermediates</i> , <b>2016</b> , 42, 1999-2021	2.8	4
164	Synthesis, structure, antimycobacterial and anticancer evaluation of new pyrrolo-phenanthroline derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 470-80	5.6	8
163	Vanadium(V) Complexes with Substituted 1,5-bis(2-hydroxybenzaldehyde)carbohydrazones and Their Use As Catalyst Precursors in Oxidation of Cyclohexane. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9187-203	5.1	38
162	Oxime-Bridged Mn <sub>6</sub> Clusters Inserted in One-Dimensional Coordination Polymer. <i>Macromolecules</i> , <b>2016</b> , 49, 6163-6172	5.5	16
161	Structural characterization and thermal behaviour of some azomethine compounds derived from pyridoxal and 4-aminoantipyrine. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2016</b> , 126, 1763-1776	4.1	2

160	Electric conduction mechanism of some heterocyclic compounds, 4,4'-bipyridine and indolizine derivatives in thin films. <i>Thin Solid Films</i> , <b>2016</b> , 612, 358-368	2.2	3
159	Facile synthesis of hexahydropyrazino[2,3-e]pyrazines from 3-aminomethyl-1,2,4-triazoles. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 990-992	2	6
158	Synthesis of functionalized silica nanostructure: Unexpected conversion of cyanopropyl group in chloropropyl one during HCl-catalysed hydrolysis of the corresponding triethoxysilane. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1110, 150-155	3.4	4
157	Benzoate liquid crystals with direct isotropic- $\beta$ -mectic transition and antipathogenic activity. <i>Comptes Rendus Chimie</i> , <b>2016</b> , 19, 556-565	2.7	3
156	Synthesis, crystal structure and magnetic properties of a cyanide-bridged heterometallic {CoMn} chain. <i>Dalton Transactions</i> , <b>2016</b> , 46, 39-43	4.3	9
155	Does the Sign of the Cu-Gd Magnetic Interaction Depend on the Number of Atoms in the Bridge?. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2171-2180	4.8	13
154	Spectral Characteristics and Electronic Conductivity of Composites Obtained by Reaction of Iodine Vapor with Isostructural Zinc- and Nickel-Containing Metal-Organic Frameworks. <i>Theoretical and Experimental Chemistry</i> , <b>2016</b> , 52, 310-317	1.3	2
153	Fine tuning the outcome of 1,3-dipolar cycloaddition reactions of benzimidazolium ylides to activated alkynes. <i>Tetrahedron</i> , <b>2016</b> , 72, 2507-2520	2.4	12
152	Mono- and dinuclear vanadium complexes with the pentadentate schiff base 2,6-diacetylpyridine bis(nicotinylhydrazone): Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 157-165	1.6	8
151	Structure-Directed Functional Properties of Phenothiazine Brominated Dyes: Morphology and Photophysical and Electrochemical Properties. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 3716-3730	3.5	26
150	Synthesis, structural characterization and quantum chemical studies of silicon-containing benzoic acid derivatives. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1120, 302-316	3.4	14
149	Metal-organic frameworks based on tri- and penta-nuclear manganese(II) secondary building units self-assembled by a V-shaped silicon-containing dicarboxylate. <i>RSC Advances</i> , <b>2016</b> , 6, 37412-37423	3.7	5
148	Antiferromagnetic single-chain magnet slow relaxation in the {Tb( $\beta$ -fur) <sub>3</sub> } <sub>n</sub> polymer with non-Kramers ions. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 5038-5050	7.1	17
147	New Zn(II) and Cu(II) complexes with in situ generated N <sub>2</sub> O <sub>2</sub> siloxane Schiff base ligands. <i>Polyhedron</i> , <b>2016</b> , 115, 76-85	2.7	15
146	Effect of the Structure of Aromatic Nitro Compounds on the Efficiency of Luminescence Quenching of the Metal-Organic Framework of Zinc(II) 4,4'-Diphenyldicarboxylate. <i>Theoretical and Experimental Chemistry</i> , <b>2016</b> , 52, 44-50	1.3	6
145	A new chiral dimanganese(III) complex: synthesis, crystal structure, spectroscopic, magnetic, and catalytic properties. <i>RSC Advances</i> , <b>2016</b> , 6, 86569-86574	3.7	2
144	Synthesis, antibacterial, and antifungal activities of new drimane sesquiterpenoids with azaheterocyclic units. <i>Medicinal Chemistry Research</i> , <b>2016</b> , 25, 2316-2323	2.2	11
143	Molecular amorphous glasses toward large azomethine crystals with aggregation-induced emission. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 6404-6420	3.6	12



142	Coordination polymer of copper with a silicon-containing Schiff base: Synthesis, structural characterization, and properties. <i>High Performance Polymers</i> , <b>2015</b> , 27, 607-615	1.6	1
141	Visible-light triggered photoswitching systems based on fluorescent azulenylyl-substituted dithienylcyclopentenes. <i>RSC Advances</i> , <b>2015</b> , 5, 63282-63286	3.7	19
140	Synthesis, characterization and antimicrobial activity of new Cu(II) and Zn(II) complexes with Schiff bases derived from trimethylsilyl-propyl-p-aminobenzoate. <i>Polyhedron</i> , <b>2015</b> , 100, 121-131	2.7	28
139	Synthesis, characterization, crystal structure and antimicrobial activity of copper(II) complexes with the Schiff base derived from 2-hydroxy-4-methoxybenzaldehyde. <i>Molecules</i> , <b>2015</b> , 20, 5771-92	4.8	32
138	Ascorbic acid decomposition into oxalate ions: a simple synthetic route towards oxalato-bridged heterometallic 3d-4f clusters. <i>Dalton Transactions</i> , <b>2015</b> , 44, 7148-51	4.3	20
137	MCPB treatment of (E)-(1R,3R,3a[6a])-1,2,3,3a,4,6a-hexahydro-1,3-pentalenedimethanol and its O-acyl-protected derivatives; X-ray crystallography. <i>Tetrahedron</i> , <b>2015</b> , 71, 4154-4162	2.4	2
136	Novel One-Pot Multicomponent Strategy for the Synthesis of Pyrrolo[1,2-a]benzimidazole and Pyrrolo[1,2-a]quinoxaline Derivatives. <i>Synthesis</i> , <b>2015</b> , 47, 1643-1655	2.9	11
135	New indolizines with phenanthroline skeleton: Synthesis, structure, antimycobacterial and anticancer evaluation. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2318-27	3.4	37
134	Effect of Aggregation of Acridine Orange on the Luminescent Characteristics of Its Composites with a Zinc-Containing Coordination Polymer. <i>Theoretical and Experimental Chemistry</i> , <b>2015</b> , 51, 259-265	1.3	3
133	Synthesis, characterization and antimicrobial activity of copper(II) complexes with hydrazone derived from 3-hydroxy-5-(hydroxymethyl)-2-methylpyridine-4-carbaldehyde. <i>Polyhedron</i> , <b>2015</b> , 102, 684-692	2.7	14
132	Regioselective reactions on a 1,3-disubstituted dihydroxymethyl or dicarboxyl hexahydropentalene skeleton. <i>Tetrahedron</i> , <b>2015</b> , 71, 6852-6859	2.4	3
131	New carbocyclic N(6)-substituted adenine and pyrimidine nucleoside analogues with a bicyclo[2.2.1]heptane fragment as sugar moiety; synthesis, antiviral, anticancer activity and X-ray crystallography. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 6346-54	3.4	13
130	Mononuclear Cu(II) complexes of novel salicylidene Schiff bases: synthesis and mesogenic properties. <i>Liquid Crystals</i> , <b>2015</b> , 42, 1139-1147	2.3	4
129	Full functionalized silica nanostructure with well-defined size and functionality: Octakis(3-mercaptopropyl)octasilsesquioxane. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 799-800, 195-200	3.3	5
128	Design and synthesis of the first ferrocenylsiloxane urea: Structure and properties. <i>Polyhedron</i> , <b>2015</b> , 102, 583-592	2.7	1
127	New Zn(II) Coordination Polymers Constructed from Amino-Alcohols and Aromatic Dicarboxylic Acids: Synthesis, Structure, Photocatalytic Properties, and Solid-State Conversion to ZnO. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 799-811	3.5	17
126	Two-dimensional coordination polymers constructed using, simultaneously, linear and angular spacers and cobalt(II) nodes. New examples of networks of single-ion magnets. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 16-8	5.1	61
125	A supramolecular structure based on copper complex of 2,3-pyridinedicarboxylic acid and 1,3-bis(3-aminopropyl)tetramethyldisiloxane chlorohydrate. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1083, 88-94	3.4	3

124	Silicon-containing bis-azomethines: synthesis, structural characterization, evaluation of the photophysical properties and biological activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 138, 38-48	4.4	9
123	Charge and Spin States in Schiff Base Metal Complexes with a Disiloxane Unit Exhibiting a Strong Noninnocent Ligand Character: Synthesis, Structure, Spectroelectrochemistry, and Theoretical Calculations. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 5691-706	5.1	24
122	Synthesis, characterization, crystal structure and antioxidant activity of Ni(II) and Cu(II) complexes with 2-formilpyridine N(4)-phenylthiosemicarbazone. <i>Polyhedron</i> , <b>2015</b> , 97, 157-166	2.7	17
121	Bis(4-pyridyl)mercury $\Gamma$ a new linear tecton in crystal engineering: coordination polymers and co-crystallization processes. <i>CrystEngComm</i> , <b>2015</b> , 17, 5474-5487	3.3	12
120	Crystal Structure of $\{[La_2(CNCH_2COO)_6(H_2O)_4]H_2O\}_n$ Complex. <i>Chemistry Journal of Moldova</i> , <b>2015</b> , 10, 52-56	0.9	
119	A Novel siloxane-containing dicarboxylic acid, 1,3-bis(p-carboxyphenylene-ester-methylene)tetramethyldisiloxane, and its derivatives: ester macrocycle and supramolecular structure with a copper complex. <i>Tetrahedron</i> , <b>2014</b> , 70, 2661-2668	2.4	8
118	$\Gamma$ Chlorido-Bridged Dimanganese(II) Complexes of the Schiff Base Derived from [2+2] Condensation of 2,6-Diformyl-4-methylphenol and 1,3-Bis(3-aminopropyl)tetramethyldisiloxane: Structure, Magnetism, Electrochemical Behaviour, and Catalytic Oxidation of Secondary Alcohols. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 120-131	2.3	44
117	New carbocyclic nucleoside analogues with a bicyclo[2.2.1]heptane fragment as sugar moiety; synthesis, X-ray crystallography and anticancer activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 513-22	3.4	7
116	A new zwitterionic siloxane compound: structural characterization, the solution behavior and surface properties evaluation. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 196, 319-325	6	1
115	A 2D metal-organic framework based on dizinc coordination units bridged through both flexible and rigid ligands. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1060, 94-101	3.4	19
114	Aminopolycarboxylate Bismuth(III)-Based Heterometallic Compounds as Single-Source Molecular Precursors for Bi <sub>4</sub> V <sub>2</sub> O <sub>11</sub> and Bi <sub>2</sub> CuO <sub>4</sub> Mixed Oxides. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 6092-6103	9.6	8
113	Structural and magnetic properties of some lanthanide (Ln = Eu(iii), Gd(iii) and Nd(iii)) cyanoacetate polymers: field-induced slow magnetic relaxation in the Gd and Nd substitutions. <i>Dalton Transactions</i> , <b>2014</b> , 43, 12342-56	4.3	64
112	Di- and tetracarboxylic aromatic acids with silane spacers and their copper complexes: Synthesis, structural characterization and properties evaluation. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 774, 70-78	2.3	9
111	Ruthenium-nitrosyl complexes with glycine, L-alanine, L-valine, L-proline, D-proline, L-serine, L-threonine, and L-tyrosine: synthesis, X-ray diffraction structures, spectroscopic and electrochemical properties, and antiproliferative activity. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2718-29	5.1	29
110	Tetranuclear Copper(II) Complexes with Macrocyclic and Open-Chain Disiloxane Ligands as Catalyst Precursors for Hydrocarboxylation and Oxidation of Alkanes and 1-Phenylethanol. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 4946-4956	2.3	34
109	A silicon-containing polyazomethine and derived metal complexes: synthesis, characterization, and evaluation of the properties. <i>Designed Monomers and Polymers</i> , <b>2014</b> , 17, 668-683	3.1	11
108	Magnetic relaxation versus 3D long-range ordering in $\{DyBa(\Gamma\text{-fur})\}_n$ furoate polymers. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10999-1013	4.3	13
107	Design, synthesis, and antimicrobial activity of some novel homodrimane sesquiterpenoids with diazine skeleton. <i>Medicinal Chemistry Research</i> , <b>2014</b> , 23, 1559-1568	2.2	17

106	Magnetic and luminescent binuclear double-stranded helicates. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 7738-47	5.1	48
105	Synthesis of new 10,11-dihydrodibenzo[a,d]cycloheptene S-thiocarbamate derivatives via a benzylic Newman-Kwart rearrangement. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 4011-4013	2	2
104	Synthesis, characterization, crystal structure and antimicrobial activity of copper(II) complexes with a thiosemicarbazone derived from 3-formyl-6-methylchromone. <i>Polyhedron</i> , <b>2014</b> , 81, 123-131	2.7	32
103	Solid state photochromism and thermochromism of two related N-salicylidene anilines. <i>Chemical Physics</i> , <b>2014</b> , 444, 43-51	2.3	29
102	Synthesis and structure of new mononuclear octahedral cobalt(III) dioximates derived from isonicotinic hydrazide. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1063, 274-282	3.4	4
101	Copper(II) complexes with 1,5-bis(2-hydroxybenzaldehyde)carbohydrazone. <i>Polyhedron</i> , <b>2014</b> , 80, 180-192	7	8
100	Hexanuclear and undecanuclear iron(III) carboxylates as catalyst precursors for cyclohexane oxidation. <i>Dalton Transactions</i> , <b>2013</b> , 42, 14388-401	4.3	27
99	A new diamine containing disiloxane moiety and some derived Schiff bases: synthesis, structural characterisation and antimicrobial activity. <i>Supramolecular Chemistry</i> , <b>2013</b> , 25, 490-502	1.8	16
98	Synthesis, crystal structure and magnetic properties of a new [ZnII6DyIII6] dodecanuclear motif. <i>Polyhedron</i> , <b>2013</b> , 65, 238-243	2.7	10
97	New cycloimmonium ylide ligands and their palladium(II) affinities. <i>RSC Advances</i> , <b>2013</b> , 3, 17260	3.7	4
96	New highly ordered hydrophobic siloxane-based coordination polymers. <i>Polymer</i> , <b>2013</b> , 54, 6096-6104	3.9	18
95	Unexpected formation of pyrrolo[1,2-a]quinoxaline derivatives during the multicomponent synthesis of pyrrolo[1,2-a]benzimidazoles. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 1486-1488	2	17
94	Metallopolymeric structures containing highly flexible siloxane sequence. <i>Polymer</i> , <b>2013</b> , 54, 43-53	3.9	17
93	Cu(II) and Ni(II) complexes with a tri-, tetra- or hexadentate triethanolamine ligand: Structural characterization and properties. <i>Polyhedron</i> , <b>2013</b> , 50, 255-263	2.7	22
92	Regio- and stereoselective synthesis of (+)-6-ketoeuryfuran, (+)-6-ketowinterin, and (+)-7-ketoeuryfuran from accessible labdane diterpenoids (+)-larixol and (+)-isclareol. <i>Tetrahedron</i> , <b>2013</b> , 69, 918-926	2.4	10
91	Mixed ligand binuclear alkoxo-bridged copper(II) complexes derived from aminoalcohols and nitrogen ligands. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1046, 164-170	3.4	9
90	Copper(II) Complexes with Schiff Bases Containing a Disiloxane Unit: Synthesis, Structure, Bonding Features and Catalytic Activity for Aerobic Oxidation of Benzyl Alcohol. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1458-1474	2.3	53
89	On the Electronic Structure of mer,trans-[RuCl3(1H-indazole)2(NO)], a Hypothetical Metabolite of the Antitumor Drug Candidate KP1019: An Experimental and DFT Study. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2505-2519	2.3	17

88	Marked stabilization of redox states and enhanced catalytic activity in galactose oxidase models based on transition metal S-methylisothiosemicarbazones with -SR group in ortho position to the phenolic oxygen. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7524-40	5.1	21
87	Synthesis, characterization and crystal structures of nickel(II), palladium(II) and copper(II) complexes with 2-furaldehyde-4-phenylthiosemicarbazone. <i>Polyhedron</i> , <b>2013</b> , 51, 307-315	2.7	16
86	Synthesis and Structural Characterization of the Mononuclear Cobalt(II) Complex: {5,5'-Dihydroxy-2,2'-[o-phenylene-bis(nitrilomethylene)]diphenolato}cobalt(II) Dihydrate. <i>Journal of Chemical Crystallography</i> , <b>2013</b> , 43, 310-318	0.5	3
85	Flexible linkers and dinuclear metallic nodes build up an original metal-organic framework. <i>CrystEngComm</i> , <b>2013</b> , 15, 5368	3.3	24
84	Synthesis of Polyfunctional Drimanes from Drim-7,9(11)-diene and Drim-8-en-7-one. <i>Synthetic Communications</i> , <b>2013</b> , 43, 3020-3033	1.7	6
83	{Dy( $\mu$ -fur) <sub>3</sub> } <sub>n</sub> : from double relaxation single-ion magnet behavior to 3D ordering. <i>Dalton Transactions</i> , <b>2013</b> , 42, 10153-71	4.3	38
82	Two-dimensional coordination polymers constructed by [Ni(II)Ln(III)] nodes and [W(IV)(bpy)(CN) <sub>6</sub> ] <sub>2</sub> -spacers: a network of [Ni(II)Dy(III)] single molecule magnets. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11627-37	5.1	45
81	An Efficient and Straightforward Method to New Organic Compounds: Homodrimane Sesquiterpenoids with Diazine Units. <i>Synlett</i> , <b>2013</b> , 24, 697-700	2.2	12
80	Homotrinnuclear Fe <sup>3+</sup> $\mu_3$ -Oxo Salicylate Cluster. Synthesis, Structure and Properties. <i>Chemistry Journal of Moldova</i> , <b>2013</b> , 8, 83-89	0.9	5
79	Synthesis and characterization of some new complexes of Cu(II), Ni(II) and V(IV) with Schiff base derived from indole-3-carboxaldehyde. Biological activity on prokaryotes and eukaryotes. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 53, 380-9	6.8	32
78	Synthesis, structural and spectral studies of Cu(II) and V(IV) complexes of a novel Schiff base derived from pyridoxal. Antimicrobial activity. <i>Polyhedron</i> , <b>2012</b> , 31, 352-360	2.7	45
77	Synthesis and structural characterization of 1-(3-aminopropyl)silatrane and some new derivatives. <i>Polyhedron</i> , <b>2012</b> , 33, 119-126	2.7	36
76	Catenation control in the two-dimensional coordination polymers based on tritopic carboxylate linkers and azamacrocyclic nickel(II) complexes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 4118-25	4.3	11
75	Synthesis, structural characterization, magnetic and EPR studies of heterometallic Cu <sub>2</sub> Cr <sub>2</sub> and Cu <sub>2</sub> Ga <sub>2</sub> complexes. <i>Polyhedron</i> , <b>2012</b> , 45, 238-244	2.7	5
74	1,3-Bis(3-ammonium-propyl)tetramethyldisiloxane-sulfate: Structural characterization and evaluation of some properties. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1022, 1-7	3.4	2
73	A Bis(pyrrole) Schiff Base Containing a Flexible Siloxane Bridge and Its Ni(II) Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5078-5084	2.3	14
72	Hydrogen-bonded supramolecular polymers containing dimethylsilane groups: Synthesis, crystal structure, and characterization. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 3775-3787	2.5	9
71	Tetranuclear Zn(II) complexes with compartmental and dicyanamido ligands: synthesis, structure, and luminescent properties. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 1539-1547	1.6	3

70	New conjugates of calix[4]arenes bearing dipyridine and indolizine heterocycles. <i>Supramolecular Chemistry</i> , <b>2012</b> , 24, 424-435	1.8	3
69	N,N'(1,4-Phenyl-ene)bis-(4-chloro-butanamide). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o463		1
68	1,2-Bis(pyridin-4-yl)diazene-3,4,5-trihydroxy-benzoic acid-methanol (3/2/2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2436		1
67	Heteronuclear (Co-Ca, Co-Ba) 2,3-pyridinedicarboxylate complexes: synthesis, structure and physico-chemical properties. <i>Dalton Transactions</i> , <b>2011</b> , 40, 463-71	4.3	21
66	1-[(E)-4-(Phenyl-diazen-yl)phen-yl]-3-pyrroline-2,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2333		2
65	Hexa-kis-(1H-imidazole- $\kappa$ )iron(II) sulfate-1H-imidazole (1/2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m1600-1		2
64	Heterometallic Cr <sub>2</sub> /Ag <sub>2</sub> 1D polymer: Synthesis, structure and properties. <i>Polyhedron</i> , <b>2010</b> , 29, 2258-2261	17	9
63	Synthesis and anti-tuberculosis activity of new hetero(Mn, Co, Ni)trinuclear iron(III) furoates. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1465-9	6.8	24
62	The synthesis, structural characterization, magnetochemistry and Mössbauer spectroscopy of [Fe <sub>3</sub> LnO <sub>2</sub> (CCL <sub>3</sub> COO) <sub>8</sub> H <sub>2</sub> O(THF) <sub>3</sub> ] (Ln = Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Lu and Y). <i>Polyhedron</i> , <b>2009</b> , 28, 3017-3025	2.7	21
61	New penta-nuclear and hepta-nuclear iron(II, III) complexes with ferrocenedicarboxylic acid. <i>Polyhedron</i> , <b>2009</b> , 28, 3551-3555	2.7	11
60	Synthesis and characterization of {Fe <sub>2</sub> CuO} clusters as precursors for nanosized catalytic system for Biginelli reaction. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 642-645	3.1	15
59	Chemical transformations of lanthanide nitrate complexes: Synthesis and X-ray diffraction analysis. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 381-388	1.6	3
58	Heterometallic compounds with the binuclear complex anion [Cr <sub>2</sub> (OH)(Ac)(Nta) <sub>2</sub> ] <sup>2-</sup> Synthesis and structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 817-823	1.6	2
57	Synthesis, Crystal Structure and Magnetic Behaviour of Novel 4f-2s Heterometallic One-Dimensional Coordination Polymers on the Base of 2-Furan-Carboxylic Acid. <i>Chemistry Journal of Moldova</i> , <b>2009</b> , 4, 60-67	0.9	4
56	Synthesis and reactivity of the aquation product of the antitumor complex trans-[Ru(III)Cl <sub>4</sub> (indazole) <sub>2</sub> ]-. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6513-23	5.1	48
55	Enantiopure, supramolecular helices containing three-dimensional tetranuclear lanthanide(III) arrays: synthesis, structure, properties, and solvent-driven trinuclear/tetranuclear interconversion. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8000-15	5.1	32
54	Heterometallic M <sub>2</sub> Cr <sub>4</sub> (MII = Sr, Pb) Clusters Assembled by Tris(μ <sub>3</sub> -aqua) Bridges. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1778-1783	2.3	13
53	Spontaneous Resolution of a Triple-Stranded Dinickel(II) Helicate Generated via Intermolecular Transamination Reaction of S-Methylisothiocarbohydrazide in the Presence of Ni <sup>2+</sup> . <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 4140-4145	2.3	5

52	Structural determinations, magnetic and EPR studies of complexes involving the Cr(OH)2Cr unit. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 1947-1957	2.7	22
51	Ruthenium complexes of furan- and thiophene-thiolates: Structure of CpRu(dppe)SThi. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 2957-2961	2.7	10
50	Copper(II) and zinc(II) complexes with Schiff-base ligands derived from salicylaldehyde and 3-methoxysalicylaldehyde: Synthesis, crystal structures, magnetic and luminescence properties. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 3903-3911	2.7	90
49	Tetranuclear [Cu-Ln]2 single molecule magnets: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , <b>2008</b> , 1843-9	4.3	130
48	Synthesis and Structure of Co(III) Complexes with 2-Pyridinecarboxylic Acid. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 202-208	1.5	5
47	Carboxylate Substitution Pattern as Structural Directive for the Final Products: Synthesis, Structure And Properties of [Fe4Ca2O2(μ-HCCl2COO)10(β-HCCl2COO)2(THF)6]. <i>Chemistry Journal of Moldova</i> , <b>2008</b> , 3, 81-85	0.9	
46	Synthesis, Characterization and Crystal Structure of Bis-(2-Hydroxybenzaldehyde)Diaminoguanizone. <i>Chemistry Journal of Moldova</i> , <b>2008</b> , 3, 119-121	0.9	1
45	Two new "onium" fluorosilicates, the products of interaction of fluorosilicic acid with 12-membered macrocycles: structures and spectroscopic properties. <i>Dalton Transactions</i> , <b>2007</b> , 2915-24	4.3	14
44	An unprecedented co-crystal including a cis-high-spin and a trans-low-spin FeII complex molecule. <i>Chemical Communications</i> , <b>2007</b> , 5223-5	5.8	12
43	Ruthenium(II) Complexes of Thiosemicarbazones: The First Water-Soluble Complex with pH-Dependent Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2870-2878 <sup>2-3</sup>		37
42	FeII Bistable Materials with Dissymmetrical Ligands: Synthesis, Crystal Structure, Magnetic and Mössbauer Properties of FeII Complexes Based on N4 Schiff Bases Possessing 2-Pyridyl and 1-R-Imidazol-2-yl Rings. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4326-4334	2.3	13
41	Synthesis, crystal structure, magnetic and luminescence investigations of new 2Ln3+Br2+ heteronuclear polymers with 2-furoic acid. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3047-3054	2.7	19
40	FeII Spin crossover materials based on dissymmetrical N4 Schiff bases including 2-pyridyl and 2R-imidazol-4-yl rings: Synthesis, crystal structure and magnetic and Mössbauer properties. <i>Polyhedron</i> , <b>2007</b> , 26, 1745-1757	2.7	32
39	New dimanganese(III) complexes of pentadentate (N2O3) Schiff base ligands with the [Mn2(μ-OAc)(μ-OR)2]3+ core: synthesis, characterization and mechanistic studies of H2O2 disproportionation. <i>Journal of Inorganic Biochemistry</i> , <b>2006</b> , 100, 1660-71	4.2	27
38	A range of spin-crossover temperature T1/2>300 K results from out-of-sphere anion exchange in a series of ferrous materials based on the 4-(4-imidazolylmethyl)-2-(2-imidazolylmethyl)imidazole (trim) ligand, [Fe(trim)2]X2 (X=F, Cl, Br, I): comparison of experimental results with those derived from density functional theory calculations. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 7421-32	4.8	67
37	Switchable chiral architectures containing Pr(III) ions: an example of solvent-induced adaptive behavior. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4940-4	16.4	54
36	Switchable Chiral Architectures Containing PrIII Ions: An Example of Solvent-Induced Adaptive Behavior. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 5062-5066	3.6	11
35	Synthesis, structure and catalase-like activity of dimanganese(III) complexes of 1,5-bis(X-salicylidenamino)pentan-3-ol (X = 3- and 5-methyl). Influence of phenyl-ring substituents on catalytic activity. <i>Dalton Transactions</i> , <b>2006</b> , 5156-66	4.3	29

34	An original 1D Cu <sup>II</sup> heterometallic compound: synthesis, structure and magnetic properties. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 572	3.6	45
33	Fell Bi-Stable Materials Based on Dissymmetrical Ligands: N4 Schiff Bases Including 2-Pyridyl and 5-Methylimidazol-4-yl Rings Yield Various Fell Spin-Crossover Phenomena around 300 K. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 5467-5479	9.6	29
32	Structural-electronic correlation in the first-order phase transition of [FeH <sub>2</sub> L <sub>2</sub> -Me](ClO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> L <sub>2</sub> -Me = bis[[(2-methylimidazol-4-yl)methylidene]-3-aminopropyl]ethylenediamine). <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8126-35	5.1	41
31	Synthesis, structures, and magnetic properties of tetranuclear CuII-LnIII complexes. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1924-34	5.1	118
30	Synthesis, structure and properties of heterotrinnuclear carboxylate complexes [Fe <sub>2</sub> M(Ca, Sr, Ba)O(CCl <sub>3</sub> COO) <sub>6</sub> (THF) <sub>n</sub> ]. <i>Polyhedron</i> , <b>2006</b> , 25, 2175-2182	2.7	23
29	Oligonuclear 3d-4f complexes as tectons in designing supramolecular solid-state architectures: impact of the nature of linkers on the structural diversity. <i>Chemistry - A European Journal</i> , <b>2005</b> , 12, 187-203	4.8	255
28	Reactions of potent antitumor complex trans-[Ru(III)Cl <sub>4</sub> (indazole) <sub>2</sub> ]- with a DNA-relevant nucleobase and thioethers: insight into biological action. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 122-32	5.1	57
27	The first example of a hetero-tetranuclear [(VO)Gd] <sub>2</sub> complex: synthesis, crystal structure and magnetic properties of [VOLGd(hfa) <sub>2</sub> CH <sub>3</sub> OH] <sub>2</sub> .2CH <sub>3</sub> OH.2(CH <sub>3</sub> ) <sub>2</sub> CO. <i>Dalton Transactions</i> , <b>2005</b> , 2830-2	4.3	17
26	An Abrupt Spin Crossover Fell Complex Based on Homochiral Chain. <i>Chemistry Letters</i> , <b>2005</b> , 34, 1092-1093	3.7	2
25	2D coordination polymers of Nd(III) and Gd(III) with the phenoxyacetate ligand. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 4437-4442	2.7	13
24	Complexation to Fe(II), Ni(II), and Zn(II) of multidentate ligands resulting from condensation of 2-pyridinecarboxaldehyde with alpha,omega-triamines: selective imidazolidine/hexahydropyrimidine ring opening revisited. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8916-28	5.1	33
23	Evolution of the Structural Parameters and Magnetic Properties in a Series of Di(hydroxy)bis(nitrilotriacetato)dichromium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 929-937	2.3	25
22	Structural Transformations and Magnetic Effects Induced by Solvent Exchange in the Spin Crossover Complex [Fe(bpp) <sub>2</sub> ][Cr(bpy)(ox) <sub>2</sub> ] <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 2783-2787	2.3	29
21	Azine-bridged octanuclear copper(II) complexes assembled with a one-stranded ditopic thiocarbohydrazone ligand. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7938-42	16.4	48
20	Azine-Bridged Octanuclear Copper(II) Complexes Assembled with a One-Stranded Ditopic Thiocarbohydrazone Ligand. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 8152-8156	3.6	2
19	Synthesis and Structure of Heterometallic Chromium(III) Complexes with Ethylenediaminetetraacetic Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2005</b> , 31, 347-352	1.6	
18	Infinite Chain Structure and Steep Spin Crossover of a FeIII Complex with a N <sub>3</sub> O <sub>2</sub> Pentadentate Schiff-Base Ligand and 4-Aminopyridine. <i>Bulletin of the Chemical Society of Japan</i> , <b>2005</b> , 78, 1279-1282	5.1	28
17	Synthesis, characterisation and catalase-like activity of dimanganese(III) complexes of 1,5-bis(5-X-salicylidenamino)pentan-3-ol (X=nitro and chloro). <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 1806-17	4.2	40

16	Macrocyclic and Open-Chain CuII-4F (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1530-1537	2.3	43
15	An unexpected influence of the nature of the amine on the crystal structure of some Co(III)Bi(III) heterobimetallic complexes. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 2060-2068	2.7	21
14	Novel heteronuclear -bridged trichloroacetates: synthesis and X-ray study of and. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 4396-4404	2.7	17
13	Discernible apical coordination in $\beta$ -oxo-bridged mixed metal trinuclear carboxylate [Fe <sub>2</sub> MnO(CHCl <sub>2</sub> COO) <sub>6</sub> (THF) <sub>2</sub> H <sub>2</sub> O]. <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 292-295	3.1	10
12	The first specimen of tetranuclear (Fe III , Ln III ) clusters assembled by carboxylate ligands: synthesis, structure, Mössbauer spectra, and magnetic properties of [Fe <sub>3</sub> EuO <sub>2</sub> (CCl <sub>3</sub> COO) <sub>8</sub> H <sub>2</sub> O(THF) <sub>3</sub> ]·THF. <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 576-579	3.1	29
11	A novel 3D Nd(III)Bi(III) coordination polymer generated from EDTA ligand. <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 634-637	3.1	25
10	Synthesis, structure, and magnetic properties of heterometallic dicyanamide-bridged Cu-Na and Cu-Gd one-dimensional polymers. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7792-9	5.1	138
9	Hetero di- and trinuclear Cu-Gd complexes with trifluoroacetate bridges: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , <b>2004</b> , 1194-200	4.3	83
8	From $\beta$ -oxo-bridged trinuclear clusters to the tetranuclear 4f $\beta$ dcarboxylate system containing [4fFe <sub>3</sub> O <sub>2</sub> ] <sub>8</sub> +core. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2004</b> , 60, s271-s271		3
7	Helical 1D Coordination Polymers [Structure and Magnetic Properties of catena-Poly[chloro( $\mu$ -2-[(hydroxyimino)methyl]phenoxy)acetato-N,O,O,O)copper(II)]. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 3313-3318	2.3	11
6	Synthesis and Study of Heterometallic CoBi Compounds Based on Ethylenediaminetetraacetic Acid. Crystal and Molecular Structures of [Co(DH) <sub>2</sub> (o-NH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> CH <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> [Bi <sub>2</sub> ( $\mu$ -Edta) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ]·10H <sub>2</sub> O (DH <sub>2</sub> is dimethylglyoxime). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2002</b> , 28, 565-572	1.6	7
5	Structural and mechanistic look at the orthoplatination of aryl oximes by dichlorobis(sulfoxide or sulfide)platinum(II) complexes. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 4286-94	5.1	28
4	Chlorination of Platinum-Bound Salicylaldoxime. The First Example of a Structurally Characterized Monodentate Salicylaldoxime-Type Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 1031-1038	2.3	16
3	Synthesis and Structure of Tetraaqua-bis(2-Formylphenoxyacetato)Zinc(II) Dihydrate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 387-392	1.6	1
2	Copper(II) Cyanoacetate Polymer: Synthesis and Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 791-795	1.6	5
1	Non-Heisenberg magnetic behavior of a triangular bridged heterometallic Fe <sub>2</sub> (III)Co(II) complex: Evidence of strong orbital contributions. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9528-9535	3.9	25