

# Ghodrat Mahmoudi

## List of Publications by Citations

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127  
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2,291  
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40  
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144  
ext. papers

2,570  
ext. citations

3.4  
avg, IF

5.3  
L-index

#	Paper	IF	Citations
127	Mercury(II) coordination polymers generated from 1,4-bis(2 or 3 or 4-pyridyl)-2,3-diaza-1,3-butadiene ligands. <i>CrystEngComm</i> , <b>2007</b> , 9, 704	3.3	94
126	Counter-ion influence on the coordination mode of the 2,5-bis(4-pyridyl)-1,3,4-oxadiazole (bpo) ligand in mercury(II) coordination polymers, [Hg(bpo) <sub>n</sub> X <sub>2</sub> ]: X = I <sup>-</sup> , Br <sup>-</sup> , SCN <sup>-</sup> , N <sub>3</sub> <sup>-</sup> and NO <sub>2</sub> <sup>-</sup> spectroscopic, thermal, fluorescence and structural studies. <i>CrystEngComm</i> , <b>2007</b> , 9, 1062	3.3	93
125	Design of Lead(II) Metal-Organic Frameworks Based on Covalent and Tetrel Bonding. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17951-8	4.8	84
124	Crystal-to-Crystal Transformation from a Weak Hydrogen-Bonded Two-Dimensional Network Structure to a Two-Dimensional Coordination Polymer on Heating. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 391-394	3.5	73
123	Extended lead(II) architectures engineered via tetrel bonding interactions. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4959-4971	3.6	63
122	Concurrent agostic and tetrel bonding interactions in lead(ii) complexes with an isonicotinohydrazide based ligand and several anions. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4965-9	4.3	63
121	On the importance of tetrel bonding interactions in lead(ii) complexes with (iso)nicotinohydrazide based ligands and several anions. <i>Dalton Transactions</i> , <b>2016</b> , 45, 10708-16	4.3	60
120	Pb <sup>2+</sup> X (X = N, S, I) tetrel bonding interactions in Pb(II) complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. <i>CrystEngComm</i> , <b>2018</b> , 20, 2812-2821	3.3	56
119	Zinc(II) nitrite coordination polymers based on rigid and flexible organic nitrogen donor ligands. <i>CrystEngComm</i> , <b>2007</b> , 9, 686	3.3	56
118	Mercury(II) iodide coordination polymers generated from polyimine ligands. <i>Polyhedron</i> , <b>2008</b> , 27, 1070-1078	3.7	50
117	Ligand-Driven Coordination Sphere-Induced Engineering of Hybrid Materials Constructed from PbCl <sub>2</sub> and Bis-Pyridyl Organic Linkers for Single-Component Light-Emitting Phosphors. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 9698-9709	5.1	49
116	Mercury(II) acetate/thiocyanate coordination polymers with n-donor ligands, spectroscopic, thermal and structural studies. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 217-225	2.7	43
115	Novel rare case of 2D + 1D = 2D polycatenation Hg(II) coordination polymer. <i>CrystEngComm</i> , <b>2009</b> , 11, 50-51	3.3	38
114	Metal-organic and supramolecular lead(II) networks assembled from isomeric nicotinoylhydrazone blocks: the effects of ligand geometry and counter-ion on topology and supramolecular assembly. <i>CrystEngComm</i> , <b>2016</b> , 18, 5375-5385	3.3	38
113	Benzyl Dihydrazone versus Thiosemicarbazone Schiff Base: Effects on the Supramolecular Arrangement of Cobalt Thiocyanate Complexes and the Generation of CoN <sub>6</sub> and CoN <sub>4</sub> S <sub>2</sub> Coordination Spheres. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4763-4772	2.3	37
112	Sonochemical syntheses and characterization of new nanorod crystals of mercury(II) metal-organic polymer generated from polyimine ligands. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 1186-1193	1.6	37
111	Anion-driven tetrel bond-induced engineering of lead(II) architectures with N <sup>-</sup> -(1-(2-pyridyl)ethylidene)nicotinohydrazide: experimental and theoretical findings. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 171-182	6.8	36

110	Mercury thiocyanate coordination polymers generated from rigid or flexible organic nitrogen donor-based ligands. <i>Polyhedron</i> , <b>2007</b> , 26, 2885-2893	2.7	35
109	The role of unconventional stacking interactions in the supramolecular assemblies of Hg(II) coordination compounds. <i>CrystEngComm</i> , <b>2016</b> , 18, 9056-9066	3.3	34
108	Recurrent supramolecular motifs in discrete complexes and coordination polymers based on mercury halides: prevalence of chelate ring stacking and substituent effects. <i>CrystEngComm</i> , <b>2018</b> , 20, 1065-1076	3.3	33
107	Chelate ring stacking interactions in the supramolecular assemblies of Zn(II) and Cd(II) coordination compounds: a combined experimental and theoretical study. <i>CrystEngComm</i> , <b>2017</b> , 19, 1389-1399	3.3	32
106	Zirconium based porous coordination polymer (PCP) bearing organocatalytic ligand: A promising dual catalytic center for ultrasonic heterocycle synthesis. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 58, 104653	8.9	32
105	Combining ethylenediamine and ionic liquid functionalities within SBA-15: A promising catalytic pair for tandem CuAAC reaction. <i>Applied Catalysis A: General</i> , <b>2017</b> , 548, 96-102	5.1	32
104	Stepwise post-modification immobilization of palladium Schiff-base complex on to the OMS-Cu (BDC) metal-organic framework for Mizoroki-Heck cross-coupling reaction. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4539	3.1	31
103	Control of Interpenetration in Two-Dimensional Metal-Organic Frameworks by Modification of Hydrogen Bonding Capability of the Organic Bridging Subunits. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 1336-1343	3.5	31
102	Solvent-driven azide-induced mononuclear discrete versus one-dimensional polymeric aromatic MBius cadmium(ii) complexes of an N tetradentate helical ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 14888-14896	4.3	29
101	Quasi-aromatic MBius Metal Chelates. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 4395-4408	5.1	29
100	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis studies of carbohydrazone based on Zn(II) complexes. <i>CrystEngComm</i> , <b>2016</b> , 18, 102-112	3.3	28
99	On the importance of Pb-X (X = O, N, S, Br) tetrel bonding interactions in a series of tetra- and hexa-coordinated Pb(II) compounds. <i>CrystEngComm</i> , <b>2018</b> , 20, 5033-5044	3.3	27
98	Mercury(II) metal-organic coordination polymers with pyrazine derivatives. <i>CrystEngComm</i> , <b>2009</b> , 11, 1868	3.3	27
97	Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 471, 130-136	2.7	27
96	Synthesis and crystal structures of three new lead(II) isonicotinoylhydrazone derivatives: Anion controlled nuclearity and dimensionality. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 461, 192-205	2.7	26
95	Modulation of coordination in pincer-type isonicotinohydrazone Schiff base ligands by proton transfer. <i>CrystEngComm</i> , <b>2019</b> , 21, 108-117	3.3	26
94	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(II) halogenide-tetradentate Schiff base complexes. <i>CrystEngComm</i> , <b>2015</b> , 17, 3493-3502	3.3	26
93	Syntheses, studies and crystal structures of coordination polymers and dinuclear complexes of mercury(II) halides and thiocyanate with a symmetrical Schiff base ligand. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 394, 36-44	2.7	25

92	Three new HgII metalorganic polymers generated from 1,4-bis(n-pyridyl)-3,4-diaza-2,4-hexadiene ligands. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 3238-3246	2.7	25
91	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of Zn(II) and Cd(II) complexes based on isonicotinoylhydrazone ligand. <i>CrystEngComm</i> , <b>2016</b> , 18, 4587-4596	3.3	25
90	Tetranuclear manganese(II) complexes of hydrazone and carbohydrazone ligands: Synthesis, crystal structures, magnetic properties, Hirshfeld surface analysis and DFT calculations. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 443, 101-109	2.7	24
89	A new 2D HgII coordination polymer containing novel coordination mode of 2,5-bis(4-pyridyl)-1,3,4-oxadiazole (bpo) ligand, [Hg(Ebpo) <sub>2</sub> (N <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> : Spectroscopic, thermal, fluorescence and structural studies. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 166-169	3.1	23
88	Polar protic solvent-trapping polymorphism of the HgII-hydrazone coordination polymer: experimental and theoretical findings. <i>CrystEngComm</i> , <b>2017</b> , 19, 3017-3025	3.3	22
87	Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry. <i>Polyhedron</i> , <b>2015</b> , 85, 467-475	2.7	22
86	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of thiosemicarbazone complexes of Mn <sup>n+</sup> ions (n = 2, 3; M = Ni, Cd, Mn, Co and Cu). <i>CrystEngComm</i> , <b>2016</b> , 18, 1009-1023	3.3	22
85	Structural diversity in mercury(II) coordination complexes with asymmetrical hydrazone-based ligands derived from pyridine. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1088, 64-69	3.4	21
84	Supramolecular lead(II) architectures engineered by tetrel bonds. <i>CrystEngComm</i> , <b>2020</b> , 22, 2389-2396	3.3	20
83	Photocatalytic activity of new nanostructures of an Ag(I) metalorganic framework (Ag-MOF) for the efficient degradation of MCPA and 2,4-D herbicides under sunlight irradiation. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 3408-3417	3.6	20
82	Inorganicorganic hybrid materials based on PbBr <sub>2</sub> and pyridinehydrazone blocks structural and theoretical study. <i>RSC Advances</i> , <b>2016</b> , 6, 60385-60393	3.7	19
81	A Highly Stable All-Inorganic CsPbBr <sub>3</sub> Perovskite Solar Cell. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 3699-3703	2.3	19
80	Supramolecular architecture constructed from the hemidirected lead(II) complex with NP(4-hydroxybenzylidene)isonicotinohydrazide. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119350	2.7	19
79	[Hg(E4,4'-bipy)(EAcO)(AcO)] <sub>n</sub> ·2H <sub>2</sub> O, one-dimensional double-chain coordination polymer, syntheses, characterization, thermal, fluorescence, porous and structural studies. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3196-3202	2.7	18
78	A New Two-Dimensional Coordination Polymer of Mercury(II) with very High Thermal Stability. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 539-541	1.3	18
77	On the importance of Hole spodium bonding in tricoordinated Hg complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17547-17551	4.3	18
76	Mercury(II) bromide/iodide coordination polymers by self-assembly of a long flexible Schiff base ligand. <i>Solid State Sciences</i> , <b>2008</b> , 10, 283-290	3.4	17
75	Antitumor effects of novel nickelhydrazone complexes in lung cancer cells. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9064-9072	3.6	16

74	Sonication-assisted synthesis of a new cationic zinc nitrate complex with a tetradentate Schiff base ligand: Crystal structure, Hirshfeld surface analysis and investigation of different parameters influence on morphological properties. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 46, 26-35	8.9	16
73	The role of hydrogen bonding on supramolecular assembly of the mercury coordination compounds and final structure influenced by solvent effect. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 429, 1-14	2.7	16
72	Synthesis of fluorescent di-dansyl substituted ethoxy compound: A selective sensor for antimony and thallium metals detection. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 1576-1580	5.5	15
71	Synthesis, crystal structures, spectroscopic and electrochemical studies on Cu(II) and Ni(II) complexes with compartmental nitrogen-oxygen mixed donor ligands. <i>Polyhedron</i> , <b>2014</b> , 80, 41-46	2.7	15
70	A new spodium bond driven coordination polymer constructed from mercury(II) azide and 1,2-bis(pyridin-2-ylmethylene)hydrazine. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 21100-21107	3.6	14
69	Tetrel Bonding and Other Non-Covalent Interactions Assisted Supramolecular Aggregation in a New Pb(II) Complex of an Isonicotinohydrazide. <i>Molecules</i> , <b>2020</b> , 25,	4.8	13
68	New cadmium(II) and zinc(II) coordination polymers derived from a pyridine-hydrazone block: Self-assembly generation, structural and topological features, and theoretical analysis. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 458, 68-76	2.7	11
67	Resonance Assisted Hydrogen Bonding Phenomenon Unveiled through Both Experiments and Theory: A New Family of Ethyl N-Salicylidene-glycinate Dyes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 12987-12995	4.8	11
66	Halide ion-driven self-assembly of Zn(II) compounds derived from an asymmetrical hydrazone building block: a combined experimental and theoretical study. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10116-10126	3.6	11
65	Lead(ii) coordination polymers driven by pyridine-hydrazine donors: from anion-guided self-assembly to structural features. <i>Dalton Transactions</i> , <b>2020</b> , 49, 11238-11248	4.3	11
64	Spodium bonding and other non-covalent interactions assisted supramolecular aggregation in a new mercury(II) complex of a nicotino-hydrazide derivative. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 519, 120279	2.7	11
63	Synthesis, characterization and catalytic properties of a copper complex containing decavanadate nanocluster, Na <sub>2</sub> [Cu(H <sub>2</sub> O) <sub>6</sub> ] <sub>2</sub> [V <sub>10</sub> O <sub>28</sub> ] <sub>4</sub> ·4H <sub>2</sub> O. <i>Inorganic Chemistry Communication</i> , <b>2017</b> , 77, 72-76	3.1	10
62	Effect of Solvent on the Structural Diversity of Quasi-Aromatic M <sub>2</sub> Bius Cadmium(II) Complexes Fabricated from the Bulky N <sub>6</sub> Tetradentate Helical Ligand. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 1649-1659	3.5	10
61	Some new nanostructure zinc complex: Synthesis, spectral analyses, crystal structure, Hirshfeld surface analyses, antimicrobial/anticancer, thermal behavior and usage as precursor for ZnO nanostructure. <i>Materials Science and Engineering C</i> , <b>2020</b> , 110, 110642	8.3	10
60	A 3D heterometallic Ni(II)/K(I) MOF with a rare rna topology: synthesis, structural features, and photocatalytic dye degradation modeling. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 17457-17465	3.6	10
59	Experimental and theoretical study of Pb <sup>2+</sup> S and Pb <sup>2+</sup> O lone pair interactions in the crystal structures of Pb(II) complexes. <i>CrystEngComm</i> , <b>2019</b> , 21, 6018-6025	3.3	9
58	Novel lanthanide(III) complex [La <sub>2</sub> (NO <sub>3</sub> )(H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> ·4H <sub>2</sub> O with 2-pyridine carboxaldehyde isonicotinoyl hydrazine exhibiting a 3D supramolecular topology 3,6T49. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1212, 128151	3.4	9
57	Structural versatility of the quasi-aromatic M <sub>2</sub> Bius type zinc(ii)-pseudohalide complexes - experimental and theoretical investigations.. <i>RSC Advances</i> , <b>2019</b> , 9, 23764-23773	3.7	9

56	Supramolecular Assemblies in Pb(II) Complexes with Hydrazido-Based Ligands. <i>Crystals</i> , <b>2019</b> , 9, 323	2.3	9
55	Solvent-controlled construction of manganese(II) complexes with 4-acetylpyridine nicotinoylhydrazone ligand. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 438, 220-231	2.7	8
54	Structural Diversity in Manganese(II) Complexes with Multidentate N-Donor Imino Pyridyl Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 1176-1181	1.3	8
53	Metal chelates constructed from CdHal <sub>2</sub> (Hal = Cl, Br, I) and 1,2-diphenyl-1,2-bis((phenyl(pyridin-2-yl)methylene)hydrazono)ethane. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1176, 743-750	3.4	8
52	Mercury (II) coordination complexes bearing Schiff base ligands: What affects their nuclearity and/or dimensionality. <i>Polyhedron</i> , <b>2015</b> , 93, 46-54	2.7	7
51	Syntheses, crystal structures and Hirshfeld surface analysis of a coordination polymer of Cu(II) chlorido and a tris-octahedral complex of Ni(II) containing isonicotinoylhydrazone blockers. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1160, 368-374	3.4	7
50	Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 469, 197-201	2.7	7
49	Synthesis, characterization, X-ray structure, spectroscopic and electrochemical studies of copper and zinc complexes with two new polydentate ligands. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 414, 115-120	2.7	7
48	Tetranuclear MnII/ZnII and Novel Azido-Bridged Chair-Shaped Heptanuclear CdII Compounds: The Effect of Metal Ion and Coordination Mode of the Azide Group on the Structure of the Products. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 262-270	2.3	7
47	MBius-like metal chelates constructed from CdHal <sub>2</sub> (Hal = Cl, Br, I) and benzilbis(pyridin-2-yl)methylidenehydrazone. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 484, 481-490	2.7	7
46	Molecular and crystalline architectures based on HgI <sub>2</sub> : from metallamacrocycles to coordination polymers. <i>CrystEngComm</i> , <b>2017</b> , 19, 3322-3330	3.3	6
45	Photophysical properties of ethyl N-(5-bromosalicylidene)glycinate and ethyl N-(5-nitrosalicylidene)glycinate in CH <sub>2</sub> Cl <sub>2</sub> . <i>Journal of Luminescence</i> , <b>2020</b> , 226, 117454	3.8	6
44	New metal chelate constructed from Ni(NCS) <sub>2</sub> and 1,2-diphenyl-1,2-bis((phenyl(pyridin-2-yl)methylene)hydrazono)ethane. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 509, 119707	2.7	6
43	Crystal packing of a zinc(II)-azide complex with a N,N,S-tridentate thiosemicarbazone ligand: An experimental and computational study. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1197, 393-400	3.4	6
42	Design and construction of Zn(II) coordination polymers made by pincer type pyridine-hydrazine based ligands. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1197, 555-563	3.4	6
41	Solvent dependent nuclearity of manganese complexes with a polydentate hydrazone-based ligand and thiocyanate anions. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 204-212	2.7	6
40	Supramolecular architectures of Mn(NCS) <sub>2</sub> complexes with NP(1-(pyridin-4-yl)ethylidene)picolinohydrazide and NP(phenyl(pyridin-4-yl)methylene)isonicotinohydrazide. <i>Polyhedron</i> , <b>2020</b> , 190, 114776	2.7	6
39	Sonochemical Synthesis of Cadmium(II) Coordination Polymer Nanospheres as Precursor for Cadmium Oxide Nanoparticles. <i>Crystals</i> , <b>2019</b> , 9, 199	2.3	5

38	Non-covalent interactions induced supramolecular architecture of Hg(NCS) <sub>2</sub> with 3-pyridinecarbaldehyde nicotinoylhydrazone. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 509, 119700	2.7	5
37	Self-assembled 3D heterometallic Zn(II)/K(I) metal-organic framework with the fluorite topology. <i>Polyhedron</i> , <b>2018</b> , 142, 110-114	2.7	5
36	Crystal structures and Hirshfeld surface analysis calculations of mercury(II) complexes with a diiminopyridine ligand. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1105, 159-168	3.4	5
35	Nanoparticles of a new mercury(II) coordination polymer: synthesis, characterization, thermal and structural studies. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 2787-2792	1.6	5
34	Synthesis, characterization, crystal structure and DFT study of a dinuclear zinc(II) macrocyclic complex. <i>Polyhedron</i> , <b>2016</b> , 119, 98-105	2.7	5
33	Structural investigation of a new cadmium coordination compound prepared by sonochemical process: Crystal structure, Hirshfeld surface, thermal, TD-DFT and NBO analyses. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 52, 244-256	8.9	5
32	Halogen interactions in dinuclear copper(II) 2,4-dibromophenoxyacetate: crystal structure and quantum chemical calculations. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1202, 127227	3.4	5
31	Two manganese(II) coordination polymers driven by (iso)nicotinoyl-hydrazone blocks and pseudohalide ancillary ligands: syntheses, structural features, and magnetic properties. <i>Journal of Coordination Chemistry</i> , <b>2017</b> , 70, 1973-1983	1.6	4
30	Complexes of BiCl <sub>3</sub> with hydrazone derived ligands: a Möbius-like discrete metal chelate versus a salt-like porous polymeric structure. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9429-9437	3.6	4
29	Novel Pb(II) Complexes: X-Ray Structures, Hirshfeld Surface Analysis and DFT Calculations. <i>Crystals</i> , <b>2020</b> , 10, 568	2.3	4
28	A new coordination polymer constructed from Pb(NO <sub>3</sub> ) <sub>2</sub> and a benzylideneisonicotinohydrazone derivative: Coordination-induced generation of a hole towards a tetrel-bonding stabilized structure. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1234, 130139	3.4	4
27	A supramolecular 3D structure constructed from a new metal chelate self-assembled from Sn(NCS) <sub>2</sub> and phenyl(pyridin-2-yl)methylenepicolinohydrazone. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1224, 129188	3.4	4
26	Iron oxide on carbon-based supports as efficient catalysts for organic compounds oxidation. <i>Applied Organometallic Chemistry</i> , <b>2017</b> , 31, e3892	3.1	3
25	New mixed-anion mercury(II) complex, spectroscopic, thermal and structural studies of [Hg(bipy) <sub>2</sub> (CH <sub>3</sub> COO)] <sub>2</sub> (SO <sub>4</sub> )·0.5NaCl. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2115-2120	1.6	3
24	Solvent-Induced Formation of Novel Ni(II) Complexes Derived from Bis-Thiosemicarbazone Ligand: An Insight from Experimental and Theoretical Investigations. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
23	Unprecedented [d]Cu[d]Au coinage bonding interactions in {Cu(NH)[Au(CN)]}[Au(CN)] salt. <i>Chemical Communications</i> , <b>2021</b> , 57, 7268-7271	5.8	3
22	Evaluation of the antitumor activity of a series of the pincer-type metal complexes produced from isonicotinohydrazone derivative. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 223, 111525	4.2	3
21	Synthesis, crystal structure and Hirshfeld surface analysis of a new 0D nanostructured [(Ar-Cl)tetra-azo-S] <sub>2</sub> Hg coordination supramolecular compound derived from phenyl isothiocyanate ligand. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 1671-1682	1.6	2

- 20 Syntheses and characterization of three mercury(II) complexes, [Hg(phen)<sub>2</sub>(SCN)<sub>2</sub>], [Hg(2,2′-bipy)<sub>2</sub>(SCN)<sub>2</sub>] and [Hg(phen)<sub>2</sub>(NO<sub>3</sub>)<sub>2</sub>], thermal and fluorescence studies. *Journal of Coordination Chemistry*, **2008**, 61, 789-795 1.6 2
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