Ghodrat Mahmoudi

List of Publications by Year
in descending order

137 papers	2,949 citations	136940 32 h-index	223791 46 g-index
144 all docs	144 docs citations	144 times ranked	1997 citing authors

#	Article	IF	Citations
1	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)nX2]: X = Iâ€“, Brâ€“, SCNâ€“, N3â€“ and NO2â€“; spectroscopic, thermal, fluorescence and structural studies. CrystEngComm, 2007, 9, 1062.	2.6	101
2	Mercury(ii) coordination polymers generated from 1,4-bis(2 or 3 or 4-pyridyl)-2,3-diaza-1,3-butadiene ligands. CrystEngComm, 2007, 9, 704.	2.6	99
3	Design of Lead(II) Metalâ€“Organic Frameworks Based on Covalent and Tetrel Bonding. Chemistry - A European Journal, 2015, 21, 17951-17958.	3.3	93
4	Crystal-to-Crystal Transformation from a Weak Hydrogen-Bonded Two-Dimensional Network Structure to a Two-Dimensional Coordination Polymer on Heating. Crystal Growth and Design, 2008, 8, 391-394.	3.0	78
5	On the importance of tetrel bonding interactions in lead(<scp>ii</scp>) complexes with (iso)nicotinohydrazide based ligands and several anions. Dalton Transactions, 2016, 45, 10708-10716.	3.3	78
6	Extended lead(<scp>ii</scp>) architectures engineered via tetrel bonding interactions. New Journal of Chemistry, 2018, 42, 4959-4971.	2.8	76
7	Concurrent agostic and tetrel bonding interactions in lead(<scp>ii</scp>) complexes with an isonicotinohydrazide based ligand and several anions. Dalton Transactions, 2016, 45, 4965-4969.	3.3	71
8	Photocatalytic activity of new nanostructures of an Ag(<scp>i</scp>) metalâ€“organic framework (Ag-MOF) for the efficient degradation of MCPA and 2,4-D herbicides under sunlight irradiation. New Journal of Chemistry, 2021, 45, 3408-3417.	2.8	71
9	Pbâ‹¯X (X = N, S, I) tetrel bonding interactions in Pb(<scp>ii</scp>) complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. CrystEngComm, 2018, 20, 2812-2821.	2.6	63
10	Zinc(ii) nitrite coordination polymers based on rigid and flexible organic nitrogen donor ligands. CrystEngComm, 2007, 9, 686.	2.6	58
11	Ligand-Driven Coordination Sphere-Induced Engineering of Hybride Materials Constructed from PbCl₂ and Bis-Pyridyl Organic Linkers for Single-Component Light-Emitting Phosphors. Inorganic Chemistry, 2017, 56, 9698-9709.	4.0	56
12	Mercury(II) iodide coordination polymers generated from polyimine ligands. Polyhedron, 2008, 27, 1070-1078.	2.2	55
13	Benzyl Dihydrazone versus Thiosemicarbazone Schiff Base: Effects on the Supramolecular Arrangement of Cobalt Thiocyanate Complexes and the Generation of CoN₆ and CoN₄S₂ Coordination Spheres. European Journal of Inorganic Chemistry, 2017, 2017, 4763-4772.	2.0	54
14	Mercury(II) acetate/thiocyanate coordination polymers with n-donor ligands, spectroscopic, thermal and structural studies. Inorganica Chimica Acta, 2009, 362, 217-225.	2.4	48
15	Stepwise postâ€modification immobilization of palladium Schiffâ€base complex on to the OMSâ€Cu (BDC) metalâ€“organic framework for Mizorokiâ€Heck crossâ€coupling reaction. Applied Organometallic Chemistry, 2018, 32, e4539.	3.5	48
16	Anion-driven tetrel bond-induced engineering of lead(<scp>ii</scp>) architectures with Nâ€²-(1-(2-pyridyl)ethylidene)nicotinohydrazide: experimental and theoretical findings. Inorganic Chemistry Frontiers, 2017, 4, 171-182.	6.0	44
17	Combining ethylenediamine and ionic liquid functionalities within SBA-15: A promising catalytic pair for tandem Cuâ€“AAC reaction. Applied Catalysis A: General, 2017, 548, 96-102.	4.3	42
18	On the importance of Pbâ‹¯X (X = O, N, S, Br) tetrel bonding interactions in a series of tetra- and hexa-coordinated Pb(<scp>ii</scp>) compounds. CrystEngComm, 2018, 20, 5033-5044.	2.6	41

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19	Novel rare case of 2D + 1D = 2D polycatenation Hg(<scp>ii</scp>) coordination polymer. CrystEngComm, 2009, 11, 50-51.	2.6	40
20	Metalâ€“organic and supramolecular lead(<scp>ii</scp>) networks assembled from isomeric nicotinoylhydrazone blocks: the effects of ligand geometry and counter-ion on topology and supramolecular assembly. CrystEngComm, 2016, 18, 5375-5385.	2.6	40
21	The role of unconventional stacking interactions in the supramolecular assemblies of Hg(<scp>ii</scp>) coordination compounds. CrystEngComm, 2016, 18, 9056-9066.	2.6	40
22	Synthesis and crystal structures of three new lead(II) isonicotinoylhydrazone derivatives: Anion controlled nuclearity and dimensionality. Inorganica Chimica Acta, 2017, 461, 192-205.	2.4	40
23	Sonochemical syntheses and characterization of new nanorod crystals of mercury(II) metalâ€“organic polymer generated from polyimine ligands. Journal of Coordination Chemistry, 2010, 63, 1186-1193.	2.2	39
24	Recurrent supramolecular motifs in discrete complexes and coordination polymers based on mercury halides: prevalence of chelate ring stacking and substituent effects. CrystEngComm, 2018, 20, 1065-1076.	2.6	39
25	Antitumor effects of novel nickelâ€“hydrazone complexes in lung cancer cells. New Journal of Chemistry, 2020, 44, 9064-9072.	2.8	38
26	Zirconium based porous coordination polymer (PCP) bearing organocatalytic ligand: A promising dual catalytic center for ultrasonic heterocycle synthesis. Ultrasonics Sonochemistry, 2019, 58, 104653.	8.2	37
27	Mercury thiocyanate coordination polymers generated from rigid or flexible organic nitrogen donor-based ligands. Polyhedron, 2007, 26, 2885-2893.	2.2	36
28	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis studies of carbohydrazone based on Zn(<scp>ii</scp>) complexes. CrystEngComm, 2016, 18, 102-112.	2.6	36
29	Chelate ring stacking interactions in the supramolecular assemblies of Zn(<scp>ii</scp>)and Cd(<scp>ii</scp>) coordination compounds: a combined experimental and theoretical study. CrystEngComm, 2017, 19, 1389-1399.	2.6	36
30	Solvent-driven azide-induced mononuclear discreteversusone-dimensional polymeric aromatic MÃ¶bius cadmium(<scp>ii</scp>) complexes of an N₆tetradentate helical ligand. Dalton Transactions, 2017, 46, 14888-14896.	3.3	35
31	Modulation of coordination in pincer-type isonicotinohydrazone Schiff base ligands by proton transfer. CrystEngComm, 2019, 21, 108-117.	2.6	34
32	Control of Interpenetration in Two-Dimensional Metalâ€“Organic Frameworks by Modification of Hydrogen Bonding Capability of the Organic Bridging Subunits. Crystal Growth and Design, 2015, 15, 1336-1343.	3.0	32
33	Quasi-aromatic MÃ¶bius Metal Chelates. Inorganic Chemistry, 2018, 57, 4395-4408.	4.0	32
34	Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. Inorganica Chimica Acta, 2018, 471, 130-136.	2.4	32
35	A Highly Stable Allâ€inorganic CsPbBr₃ Perovskite Solar Cell. European Journal of Inorganic Chemistry, 2019, 2019, 3699-3703.	2.0	31
36	Syntheses, studies and crystal structures of coordination polymers and dinuclear complexes of mercury(II) halides and thiocyanate with a symmetrical Schiff base ligand. Inorganica Chimica Acta, 2013, 394, 36-44.	2.4	30

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37	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(<scp>ii</scp>) halogenideâ€“tetradentate Schiff base complexes. CrystEngComm, 2015, 17, 3493-3502.	2.6	29
38	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of thiosemicarbazone complexes of Mⁿ⁺ ions (n = 2, 3; M = Ni, Cd, Mn, Co and Cu). CrystEngComm, 2016, 18, 1009-1023.	2.6	29
39	Supramolecular lead(<scp>ii</scp>) architectures engineered by tetrel bonds. CrystEngComm, 2020, 22, 2389-2396.	2.6	29
40	Mercury(II) metalâ€“organic coordination polymers with pyrazine derivatives. CrystEngComm, 2009, 11, 1868.	2.6	28
41	Three new HgII metalâ€“organic polymers generated from 1,4-bis(n-pyridyl)-3,4-diaza-2,4-hexadiene ligands. Inorganica Chimica Acta, 2009, 362, 3238-3246.	2.4	27
42	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>) complexes based on isonicotinoylhydrazone ligand. CrystEngComm, 2016, 18, 4587-4596.	2.6	27
43	Polar protic solvent-trapping polymorphism of the Hg^{II}-hydrazone coordination polymer: experimental and theoretical findings. CrystEngComm, 2017, 19, 3017-3025.	2.6	27
44	Tetranuclear manganese(II) complexes of hydrazone and carbohydrazone ligands: Synthesis, crystal structures, magnetic properties, Hirshfeld surface analysis and DFT calculations. Inorganica Chimica Acta, 2016, 443, 101-109.	2.4	26
45	Synthesis of fluorescent di-dansyl substituted ethoxy compound: A selective sensor for antimony and thallium metals detection. Journal of Materials Research and Technology, 2019, 8, 1576-1580.	5.8	26
46	A new 2D HgII coordination polymer containing novel coordination mode of 2,5-bis(4-pyridyl)-1,3,4-oxadiazole (bpo) ligand, [Hg(Î¼-bpo)2(N3)2]n: Spectroscopic, thermal, fluorescence and structural studies. Inorganic Chemistry Communication, 2007, 10, 166-169.	3.9	25
47	Supramolecular architecture constructed from the hemidirected lead(II) complex with N'-(4-hydroxybenzylidene)isonicotinohydrazide. Inorganica Chimica Acta, 2020, 502, 119350.	2.4	25
48	Tetrel Bonding and Other Non-Covalent Interactions Assisted Supramolecular Aggregation in a New Pb(II) Complex of an Isonicotinohydrazide. Molecules, 2020, 25, 4056.	3.8	25
49	Spodium bonding and other non-covalent interactions assisted supramolecular aggregation in a new mercury(II) complex of a nicotinohydrazide derivative. Inorganica Chimica Acta, 2021, 519, 120279.	2.4	25
50	On the importance of Ï€-hole spodium bonding in tricoordinated Hg^{II}complexes. Dalton Transactions, 2020, 49, 17547-17551.	3.3	25
51	Structural diversity in mercury(II) coordination complexes with asymmetrical hydrazone-based ligands derived from pyridine. Journal of Molecular Structure, 2015, 1088, 64-69.	3.6	24
52	Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry. Polyhedron, 2015, 85, 467-475.	2.2	24
53	Inorganicâ€“organic hybrid materials based on PbBr₂and pyridineâ€“hydrazone blocks â€“ structural and theoretical study. RSC Advances, 2016, 6, 60385-60393.	3.6	24
54	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. Ultrasonics Sonochemistry, 2018, 46, 26-35.	8.2	23

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55	A new spodium bond driven coordination polymer constructed from mercury(<scp>ii</scp>) azide and 1,2-bis(pyridin-2-ylmethylene)hydrazine. New Journal of Chemistry, 2020, 44, 21100-21107.	2.8	21
56	A New Two-Dimensional Coordination Polymer of Mercury(II) with very High Thermal Stability. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 539-541.	1.2	20
57	Experimental and theoretical study of Pbâ‹¯S and Pbâ‹¯O Ïƒ-hole interactions in the crystal structures of Pb(<scp>ii</scp>) complexes. CrystEngComm, 2019, 21, 6018-6025.	2.6	20
58	Synthesis, crystal structures, spectroscopic and electrochemical studies on Cu(II) and Ni(II) complexes with compartmental nitrogenâ€“oxygen mixed donor ligands. Polyhedron, 2014, 80, 41-46.	2.2	19
59	The role of hydrogen bonding on supramolecular assembly of the mercury coordination compounds and final structure influenced by solvent effect. Inorganica Chimica Acta, 2015, 429, 1-14.	2.4	19
60	[Hg(Î¼-4,4â€²-bipy)(Î¼-AcO)(AcO)]nÂ·n/2H2O, one-dimensional double-chain coordination polymer, syntheses, characterization, thermal, fluorescence, porous and structural studies. Inorganica Chimica Acta, 2007, 360, 3196-3202.	2.4	18
61	Resonance Assisted Hydrogen Bonding Phenomenon Unveiled through Both Experiments and Theory: A New Family of Ethyl Nâ€Salicylideneglycinate Dyes. Chemistry - A European Journal, 2020, 26, 12987-12995.	3.3	18
62	Mercury(II) bromide/iodide coordination polymers by self-assembly of a long flexible Schiff base ligand. Solid State Sciences, 2008, 10, 283-290.	3.2	17
63	A 3D heterometallic Ni(<scp>ii</scp>)/K(<scp>i</scp>) MOF with a rare rna topology: synthesis, structural features, and photocatalytic dye degradation modeling. New Journal of Chemistry, 2019, 43, 17457-17465.	2.8	17
64	Some new nanostructure zinc complex: Synthesis, spectral analyses, crystal structure, Hirshfeld surface analyses, antimicrobial/anticancer, thermal behavior and usage as precursor for ZnO nanostructure. Materials Science and Engineering C, 2020, 110, 110642.	7.3	17
65	New cadmium(II) and zinc(II) coordination polymers derived from a pyridine-hydrazone block: Self-assembly generation, structural and topological features, and theoretical analysis. Inorganica Chimica Acta, 2017, 458, 68-76.	2.4	16
66	Lead(<scp>ii</scp>) coordination polymers driven by pyridine-hydrazine donors: from anion-guided self-assembly to structural features. Dalton Transactions, 2020, 49, 11238-11248.	3.3	16
67	Supramolecular Assemblies in Pb(II) Complexes with Hydrazido-Based Ligands. Crystals, 2019, 9, 323.	2.2	15
68	Tetranuclear Mn^{II}/Zn^{II} and Novel Azidoâ€Bridged Chairâ€Shaped Heptanuclear Cd^{II} Compounds: The Effect of Metal Ion and Coordination Mode of the Azide Group on the Structure of the Products. European Journal of Inorganic Chemistry, 2019, 2019, 262-270.	2.0	15
69	Synthesis, characterization and catalytic properties of a copper complex containing decavanadate nanocluster, Na 2 [Cu(H 2 O) 6] 2 {V 10 O 28 }Â·4H 2 O. Inorganic Chemistry Communication, 2017, 77, 72-76.	3.9	12
70	Molecular and crystalline architectures based on HgI₂: from metallamacrocycles to coordination polymers. CrystEngComm, 2017, 19, 3322-3330.	2.6	12
71	Halide ion-driven self-assembly of Zn(<scp>ii</scp>) compounds derived from an asymmetrical hydrazone building block: a combined experimental and theoretical study. New Journal of Chemistry, 2016, 40, 10116-10126.	2.8	11
72	Effect of Solvent on the Structural Diversity of Quasi-Aromatic MÃ¶bius Cadmium(II) Complexes Fabricated from the Bulky N6 Tetradentate Helical Ligand. Crystal Growth and Design, 2019, 19, 1649-1659.	3.0	11

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73	Novel lanthanide(III) complex [LaL2(NO3) (H2O)2]Â·5H2O with 2-pyridine carboxaldehyde isonicotinoyl hydrazine exhibiting a 3D supramolecular topology 3,6T49. Journal of Molecular Structure, 2020, 1212, 128151.	3.6	11
74	A new coordination polymer constructed from Pb(NO3)2 and a benzylideneisonicotinohydrazide derivative: Coordination-induced generation of a Ï€-hole towards a tetrel-bonding stabilized structure. Journal of Molecular Structure, 2021, 1234, 130139.	3.6	11
75	Mercury (II) coordination complexes bearing Schiff base ligands: What affects their nuclearity and/or dimensionality. Polyhedron, 2015, 93, 46-54.	2.2	10
76	Structural versatility of the quasi-aromatic MÃ¶bius type zinc(ii)-pseudohalide complexes â€“ experimental and theoretical investigations. RSC Advances, 2019, 9, 23764-23773.	3.6	10
77	Structural investigation of a new cadmium coordination compound prepared by sonochemical process: Crystal structure, Hirshfeld surface, thermal, TD-DFT and NBO analyses. Ultrasonics Sonochemistry, 2019, 52, 244-256.	8.2	10
78	Photophysical properties of ethyl N-(5-bromosalicylidene)glycinate and ethyl N-(5-nitrosalicylidene)glycinate in CH2Cl2. Journal of Luminescence, 2020, 226, 117454.	3.1	10
79	Structural Diversity in Manganese(II) Complexes with Multidentate Nâ€Donor Imino Pyridyl Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1176-1181.	1.2	9
80	Solvent dependent nuclearity of manganese complexes with a polydentate hydrazone-based ligand and thiocyanate anions. Inorganica Chimica Acta, 2017, 455, 204-212.	2.4	9
81	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. Journal of Molecular Structure, 2018, 1160, 368-374.	3.6	9
82	Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. Inorganica Chimica Acta, 2018, 469, 197-201.	2.4	9
83	Crystal packing of a zinc(II)-azide complex with a N,N,S-tridentate thiosemicarbazone ligand: An experimental and computational study. Journal of Molecular Structure, 2019, 1197, 393-400.	3.6	9
84	Metal chelates constructed from CdHal2 (HalÂ= Cl, Br, I) and 1,2-diphenyl-1,2-bis((phenyl(pyridin-2-yl)methylene)hydrazono)ethane. Journal of Molecular Structure, 2019, 1176, 743-750.	3.6	9
85	MÃ¶bius-like metal chelates constructed from CdHal2 (Halâ€¯=â€¯Cl, Br, I) and benzilbis(pyridin-2-yl)methylidenehydrazone. Inorganica Chimica Acta, 2019, 484, 481-490.	2.4	9
86	Supramolecular architectures of Mn(NCS)2 complexes with N'-(1-(pyridin-4-yl)ethylidene)picolinohydrazide and N'-(phenyl(pyridin-4-yl)methylene)isonicotinohydrazide. Polyhedron, 2020, 190, 114776.	2.2	9
87	Novel Pb(II) Complexes: X-Ray Structures, Hirshfeld Surface Analysis and DFT Calculations. Crystals, 2020, 10, 568.	2.2	9
88	Non-covalent interactions induced supramolecular architecture of Hg(NCS)2 with 3-pyridinecarbaldehyde nicotinoylhydrazone. Inorganica Chimica Acta, 2020, 509, 119700.	2.4	9
89	Solvent-controlled construction of manganese(II) complexes with 4-acetylpyridine nicotinoylhydrazone ligand. Inorganica Chimica Acta, 2015, 438, 220-231.	2.4	8
90	Crystal structures and Hirshfeld surface analysis calculations of mercury(II) complexes with a diiminopyridine ligand. Journal of Molecular Structure, 2016, 1105, 159-168.	3.6	8

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91	Bioactive metal oxide nanoparticles from some common fruit wastes and Euphorbia condylocarpa plant. Food Science and Nutrition, 2020, 8, 5521-5531.	3.4	8
92	A supramolecular 3D structure constructed from a new metal chelate self-assembled from Sn(NCS)2 and phenyl(pyridin-2-yl)methylenepicolinohydrazide. Journal of Molecular Structure, 2021, 1224, 129188.	3.6	8
93	Unprecedented [d9]Cuâ‹¯[d10]Au coinage bonding interactions in {Cu(NH3)4[Au(CN)2]}+[Au(CN)2]â^' salt. Chemical Communications, 2021, 57, 7268-7271.	4.1	8
94	Spodium bonds and metalâ€“halogenÂ·Â·Â·halogenâ€“metal interactions in propagation of monomeric units to dimeric or polymeric architectures. Journal of Molecular Structure, 2022, 1252, 132144.	3.6	8
95	Nanoparticles of a new mercury(II) coordination polymer: synthesis, characterization, thermal and structural studies. Journal of Coordination Chemistry, 2008, 61, 2787-2792.	2.2	7
96	Synthesis, characterization, X-ray structure, spectroscopic and electrochemical studies of copper and zinc complexes with two new polydentate ligands. Inorganica Chimica Acta, 2014, 414, 115-120.	2.4	7
97	Self-assembled 3D heterometallic Zn(II)/K(I) metalâ€“organic framework with the fluorite topology. Polyhedron, 2018, 142, 110-114.	2.2	7
98	Design and construction of Zn(II) coordination polymers made by pincer type pyridine-hydrazine based ligands. Journal of Molecular Structure, 2019, 1197, 555-563.	3.6	7
99	Sonochemical Synthesis of Cadmium(II) Coordination Polymer Nanospheres as Precursor for Cadmium Oxide Nanoparticles. Crystals, 2019, 9, 199.	2.2	7
100	New metal chelate constructed from Ni(NCS)2 and 1,2-diphenyl-1,2-bis((phenyl(pyridin-2-yl)methylene)hydrazono)ethane. Inorganica Chimica Acta, 2020, 509, 119707.	2.4	7
101	New iridium bisâ€terpyridine complexes: synthesis, characterization, antibiofilm and anticancer potentials. BioMetals, 2021, 34, 701-713.	4.1	7
102	Schiff bases-titanium (III) & (IV) complex compounds: Novel photocatalysts in Buchwald-Hartwig Câ€“N cross-coupling reaction. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 417, 113346.	3.9	7
103	Lead(<scp>ii</scp>) supramolecular structures formed through a cooperative influence of the hydrazinecarbothioamide derived and ancillary ligands. CrystEngComm, 2022, 24, 368-378.	2.6	7
104	Two manganese(II) coordination polymers driven by (iso)nicotinoyl-hydrazone blocks and pseudohalide ancillary ligands: syntheses, structural features, and magnetic properties. Journal of Coordination Chemistry, 2017, 70, 1973-1983.	2.2	6
105	Synthesis, crystal structure and Hirshfeld surface analysis of a new 0D nanostructured ligand. Journal of Coordination Chemistry, 2019, 72, 1671-1682.	2.2	6
106	Solvent-Induced Formation of Novel Ni(II) Complexes Derived from Bis-Thiosemicarbazone Ligand: An Insight from Experimental and Theoretical Investigations. International Journal of Molecular Sciences, 2021, 22, 5337.	4.1	6
107	Evaluation of the antitumor activity of a series of the pincer-type metallocomplexes produced from isonicotinohydrazide derivative. Journal of Inorganic Biochemistry, 2021, 223, 111525.	3.5	6
108	Investigation on crystal structure, spectral FT-IR analysis, DFT and molecular docking studies of a novel complex with the Nâ€²-(pyridin-2-ylmethylene)nicotinohydrazide. Journal of Molecular Structure, 2022, 1269, 133741.	3.6	6

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109	Synthesis, characterization, crystal structure and DFT study of a dinuclear zinc(II) macrocyclic complex. Polyhedron, 2016, 119, 98-105.	2.2	5
110	Iron oxide on carbonâ€based supports as efficient catalysts for organic compounds oxidation. Applied Organometallic Chemistry, 2017, 31, e3892.	3.5	5
111	Halogen interactions in dinuclear copper(II) 2,4-dibromophenoxyacetate â€“ crystal structure and quantum chemical calculations. Journal of Molecular Structure, 2020, 1202, 127227.	3.6	5
112	Complexes of BiCl₃ with hydrazone derived ligands: a MÃ¶bius-like discrete metal chelate versus a salt-like porous polymeric structure. New Journal of Chemistry, 2020, 44, 9429-9437.	2.8	5
113	Syntheses, crystal structures, theoretical studies, and anticancer properties of an unsymmetrical schiff base ligand N-2-(6-methylpyridyl)-2-hydroxy-1-naphthaldimine and its Ni(II) complex. Journal of Molecular Structure, 2022, 1269, 133717.	3.6	5
114	Syntheses, Characterization, and Crystal Structures of a Dinuclear Complex and Coordination Polymer of Mercury(II) with Schiff Base Ligands containing N₃ and N₄ Donors. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2193-2197.	1.2	4
115	Ligand structure-driven self-assembly of Zn(NCS)2 with a carbohydrazone ligand: A possible intermediate towards a [2ÂÃ—Â2] metallic grid. Journal of Molecular Structure, 2021, 1225, 129269.	3.6	4
116	On the nature of recurrent Auâ‹¯Ï€ motifs in tris(2,2â€²-bipyridine)M(<scp>ii</scp>) (M = Fe, Co and Ni) dicyanoaurate(<scp>i</scp>) salts: X-ray analysis and theoretical rationalization. Dalton Transactions, 2021, 50, 16954-16960.	3.3	4
117	2D and 3D Zn(II) coordination polymers based on 4â€²-(Thiophen-2-yl)-4,2â€²:6â€²,4â€²'-terpyridine: Structures and features of sorption behavior. Journal of Molecular Structure, 2022, 1255, 132459.	3.6	4
118	Supramolecular aggregation of lead(II) perchlorate and a thiosemicarbazide derivative linked by a myriad of non-covalent interactions. Inorganica Chimica Acta, 2022, 538, 120974.	2.4	4
119	Experimental and Theoretical Evidence of a Pbâ‹…â‹…â‹…Pb Ditetrel Bond Without a Ïƒâ€Hole. ChemPhysChem, 2022, 23, .	2.1	4
120	New mixed-anion mercury(II) complex, spectroscopic, thermal and structural studies of [Hg(bipy)₂(CH₃COO)]₂(SO₄)Â·0.5NaCl. Journal of Coordination Chemistry, 2007, 60, 2115-2120.	2.2	3
121	Experimental and Computational Structural Studies of 2,3,5-Trisubstituted and 1,2,3,5-Tetrasubstituted Indoles as Non-Competitive Antagonists of GluK1/GluK2 Receptors. Molecules, 2022, 27, 2479.	3.8	3
122	Syntheses and characterization of three mercury(II) complexes, [Hg(phen)₂(SCN)₂], [Hg(2,2â€²-bipy)₂(SCN)₂] and [Hg(phen)₂(NO₃)₂], thermal and fluorescence studies. Journal of Coordination Chemistry, 2008, 61, 789-795.	2.2	2
123	The role of weak interactions in the crystal packing of two novel 1D Hg(II) coordination polymers and investigation for preparation of their rod and spherical structures. Inorganica Chimica Acta, 2020, 501, 119243.	2.4	2
124	Zigzag vs Helicoidal Goldâ€“Silver 1D Chains: Influence of Subtle Interactions in the Spatial Arrangement of Supramolecular Systems. Inorganic Chemistry, 2020, 59, 9443-9451.	4.0	2
125	catena-Poly[[(benzil) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (bis{[(pyridin-2-yl)methylidene]hydrazone}-Îº4N,Nâ€²,Nâ€²a Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m903-m904.	0.2	1
126	Effect of Fe3+â€“MMT nanocomposite content on thermal, mechanical and water resistance behavior of PVP/amylose films. Polymer Bulletin, 2020, 77, 6491-6508.	3.3	1

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127	Zinc(II) complexes derived from 2-formylpyridine nicotinoyl hydrazone as organic blocker: Syntheses, crystal architectures, Hirshfeld surface analyses and DFT studies. Journal of Molecular Structure, 2021, 1229, 129614.	3.6	1
128	A novel paramagnetic coordination polymer, fabricated from Co(NCS)2 and 2-pyridinecarbaldehyde isonicotinoylhydrazone. Inorganica Chimica Acta, 2021, 522, 120335.	2.4	1
129	CRYSTAL STRUCTURE OF (E)-N′-((1H-PYRROL-2-YL)METHYLENE)-4-HYDROXYBENZOHYDRAZIDE. Journal of the Chilean Chemical Society, 2019, 64, 4496-4501.	1.2	1
130	Metallophilic interactions in silver(<scp>i</scp>) dicyanoaurate complexes. Dalton Transactions, 2022, , .	3.3	1
131	Antitumoral Properties of a Pincer-Type Isonicotinohydrazone-Hg(II) Complex. European Journal of Biology, 2019, .	0.5	1
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133	Spectral, structural, and theoretical investigation of a cationic Nickel(II) complex with N4S2-donor Schiff-base ligand and perchlorate counterions. Journal of Molecular Structure, 2021, 1224, 129281.	3.6	0
134	Supramolecular structures of Ni^{II} and Cu^{II} with the sterically demanding Schiff base dyes driven by cooperative action of preagostic and other non-covalent interactions. IUCrJ, 2021, 8, 351-361.	2.2	0
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137	Coordination polymers fabricated from Cd(NO3)2 and N,N',O-pincer type isonicotinoylhydrazone based polytopyc ligands â€“ an insight from experimental and theoretical investigations. CrystEngComm, 0, , .	2.6	0