

# Ghodrat Mahmoudi

## 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.

127  
papers

2,291  
citations

28  
h-index

40  
g-index

144  
ext. papers

2,570  
ext. citations

3.4  
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5.3  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 127 | 2D and 3D Zn(II) coordination polymers based on 4'-(Thiophen-2-yl)-4,2':6',4'Pterpyridine: Structures and features of sorption behavior. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1255, 132459   | 3.4 | 0         |
| 126 | Spodium bonds and metal-halogen-halogen-metal interactions in propagation of monomeric units to dimeric or polymeric architectures. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1252, 132144  | 3.4 | 1         |
| 125 | Supramolecular aggregation of lead(II) perchlorate and a thiosemicarbazide derivative linked by a myriad of non-covalent interactions. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 120974  | 2.7 | 0         |
| 124 | New iridium bis-terpyridine complexes: synthesis, characterization, antibiofilm and anticancer potentials. <i>BioMetals</i> , <b>2021</b> , 34, 701-713   | 3.4 | 0         |
| 123 | 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         |
| 122 | Spodium bonding and other non-covalent interactions assisted supramolecular aggregation in a new mercury(II) complex of a nicotinothiohydrazone derivative. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 519, 120279  | 2.7 | 11        |
| 121 | Supramolecular structures of Ni and Cu with the sterically demanding Schiff base dyes driven by cooperative action of preagostic and other non-covalent interactions. <i>IUCrJ</i> , <b>2021</b> , 8, 351-361   | 4.7 |           |
| 120 | A new coordination polymer constructed from Pb(NO <sub>3</sub> ) <sub>2</sub> and a benzylideneisonicotinothiohydrazone 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         |
| 119 | A novel paramagnetic coordination polymer, fabricated from Co(NCS) <sub>2</sub> and 2-pyridinecarbaldehyde isonicotinoylthiohydrazone. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 522, 120335   | 2.7 | 0         |
| 118 | Zinc(II) complexes derived from 2-formylpyridine nicotinoyl thiohydrazone as organic blocker: Syntheses, crystal architectures, Hirshfeld surface analyses and DFT studies. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1229, 129614  | 3.4 | 1         |
| 117 | Spectral, structural, and theoretical investigation of a cationic Nickel(II) complex with N <sub>4</sub> S <sub>2</sub> -donor Schiff-base ligand and perchlorate counterions. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1224, 129281   | 3.4 |           |
| 116 | Ligand structure-driven self-assembly of Zn(NCS) <sub>2</sub> with a carbothiohydrazone ligand: A possible intermediate towards a [2D] metallic grid. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1225, 129269  | 3.4 | 2         |
| 115 | A supramolecular 3D structure constructed from a new metal chelate self-assembled from Sn(NCS) <sub>2</sub> and phenyl(pyridin-2-yl)methylenepicolinothiohydrazone. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1224, 129188  | 3.4 | 4         |
| 114 | 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         |
| 113 | Schiff bases-titanium (III) & (IV) complex compounds: Novel photocatalysts in Buchwald-Hartwig C-N cross-coupling reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 417, 113346  | 4.7 | 1         |
| 112 | Evaluation of the antitumor activity of a series of the pincer-type metal complexes produced from isonicotinothiohydrazone derivative. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 223, 111525   | 4.2 | 3         |
| 111 | Role of metal center and coordination environment in M-(Z)-N-((E)-pyridin-2-ylmethylene)isonicotinothiohydrazone (M = La(III), Zn(II), Cd(II) or Hg(II)) catalyzed cyanosilylation of aldehydes. <i>Polyhedron</i> , <b>2021</b> , 209, 115453  | 2.7 |           |

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| 110 | Photocatalytic activity of new nanostructures of an Ag(I) metal-organic 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 |
| 109 | On the nature of recurrent Au <sup>+</sup> -motifs in tris(2,2-bipyridine)M(II) (M = Fe, Co and Ni) dicyanoaurate(I) salts: X-ray analysis and theoretical rationalization. <i>Dalton Transactions</i> , <b>2021</b> , 50, 16954-16962  | 4.3 | 16 |
| 108 | Antitumor effects of novel nickel-hydrazone complexes in lung cancer cells. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9064-9072   | 3.6 | 16 |
| 107 | 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 |
| 106 | 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  |
| 105 | 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  |
| 104 | Zigzag vs Helicoidal Gold-Silver 1D Chains: Influence of Subtle Interactions in the Spatial Arrangement of Supramolecular Systems. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 9443-9451   | 5.1 | 1  |
| 103 | Supramolecular lead(II) architectures engineered by tetrel bonds. <i>CrystEngComm</i> , <b>2020</b> , 22, 2389-2396   | 3.3 | 20 |
| 102 | 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 |
| 101 | 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  |
| 100 | Novel lanthanide(III) complex [LaL <sub>2</sub> (NO <sub>3</sub> )(H <sub>2</sub> O) <sub>2</sub> ].nH <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  |
| 99  | 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  |
| 98  | On the importance of H-hole sodium bonding in tricoordinated Hg complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17547-17551   | 4.3 | 18 |
| 97  | 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. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 501, 119243   | 2.7 | 1  |
| 96  | Effect of Fe <sub>3</sub> O <sub>4</sub> /MMT nanocomposite content on thermal, mechanical and water resistance behavior of PVP/amylose films. <i>Polymer Bulletin</i> , <b>2020</b> , 77, 6491-6508  | 2.4 |    |
| 95  | 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 |
| 94  | 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  |
| 93  | Novel Pb(II) Complexes: X-Ray Structures, Hirshfeld Surface Analysis and DFT Calculations. <i>Crystals</i> , <b>2020</b> , 10, 568  | 2.3 | 4  |

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| 92 | 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 |
| 91 | 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 |
| 90 | Bioactive metal oxide nanoparticles from some common fruit wastes and plant. <i>Food Science and Nutrition</i> , <b>2020</b> , 8, 5521-5531   | 3.2 | 2  |
| 89 | 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 |
| 88 | 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  |
| 87 | Experimental and theoretical study of Pb <sup>2+</sup> S and Pb <sup>2+</sup> O [hole interactions in the crystal structures of Pb(II) complexes. <i>CrystEngComm</i> , <b>2019</b> , 21, 6018-6025   | 3.3 | 9  |
| 86 | Effect of Solvent on the Structural Diversity of Quasi-Aromatic M <sub>B</sub> ius Cadmium(II) Complexes Fabricated from the Bulky N6 Tetradentate Helical Ligand. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 1649-1659   | 3.5 | 10 |
| 85 | 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 |
| 84 | 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 |
| 83 | Synthesis, crystal structure and Hirshfeld surface analysis of a new 0D nanostructured [(Ar-Cl) <sub>4</sub> 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  |
| 82 | 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  |
| 81 | 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 |
| 80 | Structural versatility of the quasi-aromatic M <sub>B</sub> ius type zinc(ii)-pseudohalide complexes - experimental and theoretical investigations.. <i>RSC Advances</i> , <b>2019</b> , 9, 23764-23773   | 3.7 | 9  |
| 79 | 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 |
| 78 | 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  |
| 77 | 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  |
| 76 | Supramolecular Assemblies in Pb(II) Complexes with Hydrazido-Based Ligands. <i>Crystals</i> , <b>2019</b> , 9, 323  | 2.3 | 9  |
| 75 | 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 |

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| 74 | 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  |
| 73 | 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  |
| 72 | 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  |
| 71 | Möbius-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  |
| 70 | 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 |
| 69 | Extended lead(II) architectures engineered via tetrel bonding interactions. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4959-4971  | 3.6 | 63 |
| 68 | 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 |
| 67 | 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  |
| 66 | 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  |
| 65 | 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 |
| 64 | Quasi-aromatic Möbius Metal Chelates. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 4395-4408   | 5.1 | 29 |
| 63 | 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  |
| 62 | On the importance of Pb <sup>2+</sup> 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 |
| 61 | 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 |
| 60 | Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 471, 130-136   | 2.7 | 27 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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> ]·4H <sub>2</sub> O. <i>Inorganic Chemistry Communication</i> , <b>2017</b> , 77, 72-76 | 3.1 | 10 |

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| 56 | 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 |
| 55 | 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  |
| 54 | Anion-driven tetrel bond-induced engineering of lead(II) architectures with N <sup>+</sup> -(1-(2-pyridyl)ethylidene)nicotinothiazide: experimental and theoretical findings. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 171-182  | 6.8 | 36 |
| 53 | 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  |
| 52 | 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  |
| 51 | 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 |
| 50 | Solvent-driven azide-induced mononuclear discrete versus one-dimensional polymeric aromatic M <sub>2</sub> Biuss cadmium(ii) complexes of an N tetradentate helical ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 14888-14896   | 4.3 | 29 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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  |
| 45 | 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 |
| 44 | 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 |
| 43 | On the importance of tetrel bonding interactions in lead(ii) complexes with (iso)nicotinothiazide based ligands and several anions. <i>Dalton Transactions</i> , <b>2016</b> , 45, 10708-16  | 4.3 | 60 |
| 42 | Inorganic-organic hybrid materials based on PbBr <sub>2</sub> and pyridine-hydrazone blocks: structural and theoretical study. <i>RSC Advances</i> , <b>2016</b> , 6, 60385-60393  | 3.7 | 19 |
| 41 | Concurrent agostic and tetrel bonding interactions in lead(ii) complexes with an isonicotinothiazide based ligand and several anions. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4965-9  | 4.3 | 63 |
| 40 | 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 |
| 39 | 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 |

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| 38 | 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 |
| 37 | 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  |
| 36 | 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 |
| 35 | 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 |
| 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 | 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 |
| 32 | 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  |
| 31 | 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  |
| 30 | 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 |
| 29 | 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  |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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  |
| 22 | Syntheses, Characterization, and Crystal Structures of a Dinuclear Complex and Coordination Polymer of Mercury(II) with Schiff Base Ligands containing N3 and N4 Donors. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 2193-2197 | 1.3 | 1  |
| 21 | 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 |

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|----|--|-----|--|----|
| 20 | catena-Poly[[[(benzil bis[(pyridin-2-yl)methylidene]hydrazone)- $\mu_2$ -N,N',N'',N'''-mercury(II)]- $\mu$ -chlorido-[dichloridomercury(II)]- $\mu$ -chlorido]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, m903-4   |     |  | 1  |
| 19 | 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 |
| 18 | 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 |
| 17 | Three new HgII metal-organic 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 |
| 16 | Mercury(II) metal-organic coordination polymers with pyrazine derivatives. <i>CrystEngComm</i> , <b>2009</b> , 11, 1868  | 3.3 |  | 27 |
| 15 | Novel rare case of 2D + 1D = 2D polycatenation Hg(II) coordination polymer. <i>CrystEngComm</i> , <b>2009</b> , 11, 50-51  | 3.3 |  | 38 |
| 14 | 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 |
| 13 | 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  |
| 12 | 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 |
| 11 | 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. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 789-795  | 1.6 |  | 2  |
| 10 | Mercury(II) iodide coordination polymers generated from polyimine ligands. <i>Polyhedron</i> , <b>2008</b> , 27, 1070-1078   | 3.7 |  | 50 |
| 9  | 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 |
| 8  | 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 |
| 7  | 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 |
| 6  | A new 2D HgII coordination polymer containing novel coordination mode of 2,5-bis(4-pyridyl)-1,3,4-oxadiazole (bpo) ligand, [Hg( $\mu$ -bpo) <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 |
| 5  | [Hg( $\mu$ -4,4'-bipy)( $\mu$ -AcO)(AcO) <sub>n</sub> ] <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 |
| 4  | 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 |
| 3  | 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 |



- 2 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. *Journal of Coordination Chemistry*, **2007**, 60, 2115-2120 1.6 3
- 1 Lead(II) supramolecular structures formed through a cooperative influence of the hydrazinecarbothioamide derived and ancillary ligands. *CrystEngComm*, 3.3 1