

# Shouvik Chattopadhyay

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1327931/shouvik-chattopadhyay-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

210  
papers

4,031  
citations

33  
h-index

46  
g-index

216  
ext. papers

4,671  
ext. citations

2.9  
avg, IF

6.29  
L-index

#	Paper	IF	Citations
210	Large interaction energy for the homodimer and the heterodimer extracted from the supramolecular chain of a bent trinuclear zinc(ii) complex with a reduced Schiff base ligand. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 1845-1856	3.6	0
209	Recent advances on the tetrel bonding interaction in the solid state structure of lead complexes with hydrazine based bis-pyridine Schiff base ligands. <i>Polyhedron</i> , <b>2022</b> , 216, 115670	2.7	2
208	Synthesis, structure and properties of homo- and hetero-trinuclear complexes of salicylaldehyde-based di-Schiff bases. <i>Polyhedron</i> , <b>2022</b> , 215, 115652	2.7	1
207	Insight into charge transportation in cadmium based semiconducting organic-inorganic hybrid materials and their application in the fabrication of photosensitive Schottky devices.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	1
206	Field-induced single-molecule magnet behaviour in a series of dinuclear cobalt(III,II) complexes. <i>Polyhedron</i> , <b>2022</b> , 115802	2.7	0
205	Development of di and polynuclear lead(II) salen (or reduced salen) complexes having PbO <sub>2</sub> M (M=Co/Ni) cores: Synthetic strategies and structures. <i>Polyhedron</i> , <b>2022</b> , 218, 115756	2.7	0
204	Estimation of the ability of the system of pseudohalides (azide and thiocyanate) to participate in CH... interactions in cyclic hetero-tetranuclear cobalt(III)/sodium and linear trinuclear mixed valence cobalt(III/II/III) complexes. <i>Polyhedron</i> , <b>2022</b> , 222, 115862	2.7	
203	Introduction to tetracyanometalate bridged transition metal-salen complexes: Synthesis, structure and properties. <i>Polyhedron</i> , <b>2022</b> , 115935	2.7	0
202	Exploration of noncovalent interactions in the solid state structures of carboxylate bridged trinuclear mixed valence cobalt complexes using computational tools based on the topological analysis of the electron density. <i>Polyhedron</i> , <b>2022</b> , 115910	2.7	0
201	Synthetic strategies, structures and properties of di and polynuclear cobalt complexes with H <sub>2</sub> salen type Schiff bases and their reduced analogues. <i>Polyhedron</i> , <b>2021</b> , 115511	2.7	3
200	Synthetic strategies, crystal structures and biological activities of metal complexes with the members of azole family: A review. <i>Polyhedron</i> , <b>2021</b> , 200, 115093	2.7	9
199	Synthetic methodology, structures and properties of mixed valence copper(I/II) complexes with various Schiff bases and their reduced analogues. <i>Polyhedron</i> , <b>2021</b> , 199, 115086	2.7	1
198	An insight to the spin density distribution and non-covalent interactions in a carboxylate bridged class-I mixed valence cobalt(II),cobalt(III) complex of quadruplet nature. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 521, 120298	2.7	4
197	An insight into the role of supramolecular interactions to stabilize the solid state structure of an octahedral nickel(II) diamine complex. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 515, 120023	2.7	3
196	Phenoxy-bridged dinuclear mixed valence cobalt(III/II) complexes with reduced Schiff base ligands: synthesis, characterization, band gap measurements and fabrication of Schottky barrier diodes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 1721-1732	4.3	12
195	A tetrameric udd type water cluster encapsulated in a dinuclear vanadium(V) Schiff base complex and its role in the formation of supramolecular assemblies: A joint experimental and theoretical study. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 515, 120057	2.7	6
194	Existence of stronger C H... (chelate ring) interaction compared to C H... (arene) interactions in the supramolecular assembly of dinuclear iron(III) Schiff base complexes: A theoretical insight. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 516, 120081	2.7	4

193	Insight into non-covalent interactions in two triamine-based mononuclear iron(III) Schiff base complexes with special emphasis on the formation of Br $\cdots$ halogen bonding. <i>CrystEngComm</i> , <b>2021</b> , 23, 1578-1587	3-3	3
192	Synthesis and characterization of a mononuclear zinc(ii) Schiff base complex: on the importance of C-H $\cdots$ interactions.. <i>RSC Advances</i> , <b>2021</b> , 11, 30148-30155	3-7	0
191	A theoretical insight on the anion $\cdots$ anion interactions observed in the solid state structure of a hetero-trinuclear complex. <i>CrystEngComm</i> , <b>2021</b> , 23, 1429-1438	3-3	9
190	On the importance of RH3C $\cdots$ N tetrel bonding interactions in the solid state of a dinuclear zinc complex with a tetradentate Schiff base ligand. <i>CrystEngComm</i> , <b>2021</b> , 23, 3391-3397	3-3	1
189	Differentiating intramolecular spodium bonds from coordination bonds in two polynuclear zinc(II) Schiff base complexes. <i>CrystEngComm</i> , <b>2021</b> , 23, 2703-2710	3-3	11
188	A theoretical insight into the formation of chalcogen bonding (ChB) interactions involving coordinated DMSO molecules as $\sigma$ -hole donors and benzoate groups as $\sigma$ -hole acceptors in a dinuclear copper(II) complex. <i>CrystEngComm</i> , <b>2021</b> , 23, 5087-5096	3-3	6
187	Insight into the formation of H-bonds propagating the monomeric zinc complexes of a tridentate reduced Schiff base to form an infinite chain. <i>CrystEngComm</i> , <b>2021</b> , 23, 1918-1928	3-3	3
186	A mononuclear zinc complex with a diamine: Synthesis, characterization, self assembly, luminescence property and DFT calculations. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1249, 131598	3-4	0
185	An insight into the supramolecular interactions in two linear polyvanadates. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1242, 130681	3-4	0
184	Dinuclear mixed valence cobalt(II/III) and hetero-tetranuclear cobalt(III)/Na complexes with a compartmental ligand: Synthesis, characterization and use as catalysts for oxidative dimerisation of 2-aminophenol. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 515, 120044	2-7	10
183	Phenoxido mediated antiferromagnetic and azide mediated ferromagnetic coupling in two dinuclear ferromagnetic nickel(II) complexes with isomeric Schiff bases: a theoretical insight on the pathway of magnetic interaction. <i>CrystEngComm</i> , <b>2021</b> , 23, 1942-1952	3-3	3
182	Hydrogen bond mediated intermolecular magnetic coupling in mononuclear high spin iron(iii) Schiff base complexes: synthesis, structure and magnetic study with theoretical insight.. <i>RSC Advances</i> , <b>2021</b> , 11, 3315-3323	3-7	4
181	Synthesis, structure and nitroaromatic sensing ability of a trinuclear zinc complex with a reduced Schiff base ligand: Assessment of the ability of the ligand to sense zinc ion. <i>Polyhedron</i> , <b>2020</b> , 187, 114639	2-7	11
180	Exploration of Br $\cdots$ O halogen bonding interactions in dinuclear vanadium(V) complexes with Schiff base ligands. <i>Polyhedron</i> , <b>2020</b> , 187, 114676	2-7	10
179	Synthesis of an electrically conductive square planar copper(II) complex and its utilization in the fabrication of a photosensitive Schottky diode device and DFT study. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 11622-11630	3-6	7
178	Visible light driven photodegradation of methylene blue with two reduced Schiff base complexes of zinc(II): Exploration of their phosphatase mimicking ability. <i>Polyhedron</i> , <b>2020</b> , 184, 114527	2-7	10
177	Diminishing accessibility of electrophilic nickel(II) centres due to incorporation of a methylene spacer in the pendant side arm of a series of heterotrinnuclear nickel(II)/sodium complexes: a DFT study using a homodesmotic equation. <i>CrystEngComm</i> , <b>2020</b> , 22, 2970-2977	3-3	7
176	A combined experimental and theoretical study on an ionic cobalt(III/II) complex with a Schiff base ligand. <i>Polyhedron</i> , <b>2020</b> , 182, 114432	2-7	3

175	A series of hydrogen bond mediated dinuclear nickel(II) complexes with reduced Schiff base ligands: An insight into the nature of their short intermolecular hydrogen bonds. <i>Polyhedron</i> , <b>2020</b> , 179, 114374	2.7	6
174	Representation of a photosensitive Schottky barrier diode made with hetero-dinuclear cobalt(III)/sodium building blocks. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 1285-1293	3.6	16
173	An insight into the non-covalent Pb <sup>2+</sup> S and S <sup>2-</sup> S interactions in the solid-state structure of a hemidirected lead(II) complex. <i>CrystEngComm</i> , <b>2020</b> , 22, 237-247	3.3	13
172	Phenoxazinone synthase mimicking activity of a dinuclear copper(II) complex with a half salen type Schiff base ligand. <i>Polyhedron</i> , <b>2020</b> , 178, 114311	2.7	7
171	A benzoate bridged dinuclear mixed valence cobalt(III/II) complex with Co <sup>III</sup> O <sub>4</sub> Co <sup>II</sup> core: Synthesis, structure and investigation of its phenoxazinone synthase mimicking activity. <i>Polyhedron</i> , <b>2020</b> , 177, 114290	2.7	13
170	Intramolecular Spodium Bonds in Zn(II) Complexes: Insights from Theory and Experiment. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	20
169	Field-induced single molecule magnet behavior of a dinuclear cobalt(II) complex: a combined experimental and theoretical study. <i>Dalton Transactions</i> , <b>2020</b> , 49, 16778-16790	4.3	10
168	Synthesis, structure and magnetic property of a dinuclear cobalt(II/III) complex with a reduced Schiff base ligand. <i>Polyhedron</i> , <b>2020</b> , 190, 114756	2.7	9
167	Synthesis, characterization, self-assembly and non-ohmic Schottky barrier diode behaviors of two iron(III) based semiconductors with theoretical insight. <i>CrystEngComm</i> , <b>2020</b> , 22, 5170-5181	3.3	12
166	Exploitation of the electron deficient outer O <sub>4</sub> compartment of a compartmental Schiff base to act as H-bond acceptors in forming a self-assembled dimer of a manganese(III) complex: A joint experimental and theoretical venture. <i>Polyhedron</i> , <b>2020</b> , 189, 114711	2.7	
165	A theoretical insight into non-covalent supramolecular interactions in the solid state structures of two octahedral iron(III) complexes. <i>CrystEngComm</i> , <b>2020</b> , 22, 5731-5742	3.3	5
164	An acetate bridged centrosymmetric zinc(II) complex with a tetradentate reduced Schiff base ligand: Synthesis, characterization and ability to sense nitroaromatics by turn off fluorescence response. <i>Polyhedron</i> , <b>2020</b> , 190, 114735	2.7	9
163	Methylene spacer regulated variation in supramolecular assembly of zinc(II) dicyanamide complexes with reduced Schiff base ligands: synthesis, structure and DFT study. <i>CrystEngComm</i> , <b>2020</b> , 22, 6876-6885	3.3	10
162	Synthesis and characterization of a double oximate bridged dimeric copper(II) complex and its use in oxidative dimerisation of o-aminophenol. <i>Polyhedron</i> , <b>2020</b> , 175, 114164	2.7	12
161	A theoretical insight on the rigid hydrogen-bonded network in the solid state structure of two zinc(II) complexes and their strong fluorescence behaviors. <i>CrystEngComm</i> , <b>2020</b> , 22, 3005-3019	3.3	12
160	Relative stability of the cis and trans isomers of octahedral cobalt(III) complexes of the type [Co(N <sub>2</sub> O <sub>2</sub> )X <sub>2</sub> ] with tetradentate salen type Schiff bases: a combined theoretical and experimental study. <i>CrystEngComm</i> , <b>2019</b> , 21, 6026-6037	3.3	6
159	Importance of $\pi$ -Interactions Involving Chelate Rings in Addition to the Tetrel Bonds in Crystal Engineering: A Combined Experimental and Theoretical Study on a Series of Hemi- and Holodirected Nickel(II)/Lead(II) Complexes. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5869-5881	3.5	38
158	A tetranuclear nickel/lead complex with a salen type Schiff base: synthesis, structure and exploration of photosensitive Schottky barrier diode behaviour. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 5020-5031 <sup>18</sup>	3.6	18

157	Phosphatase-mimicking activity of a unique penta-nuclear zinc(II) complex with a reduced Schiff base ligand: assessment of its ability to sense nitroaromatics. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 4432-4443	3.6	24
156	A series of trinuclear zinc(II) complexes with reduced Schiff base ligands: turn-off fluorescent chemosensors with high selectivity for nitroaromatics. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10093-10102	3.6	28
155	Methylene spacer regulated variation in molecular and crystalline architectures of cobalt(III) complexes with reduced Schiff base ligands: a combined experimental and theoretical study. <i>Dalton Transactions</i> , <b>2019</b> , 48, 11433-11447	4.3	19
154	Photocatalytic ability of two hetero-tetranuclear complexes with CuO <sub>2</sub> Cd cores to degrade methylene blue: Influence of their structures on activity. <i>Polyhedron</i> , <b>2019</b> , 170, 253-263	2.7	11
153	Synthetic stratagem and structures of two heteroleptic cobalt(III) complexes acting as biomimetic catalysts: Role of co-ligands in catalytic activities. <i>Polyhedron</i> , <b>2019</b> , 170, 495-507	2.7	7
152	Synthesis and structural characterization of three manganese(III) complexes with N <sub>2</sub> O <sub>2</sub> donor tetradentate Schiff base ligands: Exploration of their catalase mimicking activity. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 494, 123-131	2.7	7
151	A comprehensive overview of the orientation of tetradentate N <sub>2</sub> O <sub>2</sub> donor Schiff base ligands in octahedral complexes of trivalent 3d metals. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1186, 155-186	3.4	17
150	Analysis of energies of halogen and hydrogen bonding interactions in the solid state structures of vanadyl Schiff base complexes.. <i>RSC Advances</i> , <b>2019</b> , 9, 4789-4796	3.7	9
149	Construction of a new double phenoxo bridged asymmetric manganese(III) Schiff base complex: Observation of ferromagnetic interaction within the dimer and antiferromagnetic interaction between dimers. <i>Polyhedron</i> , <b>2019</b> , 164, 138-145	2.7	3
148	Synthesis and characterization of a manganese(III) schiff base complex and exploration of Br <sup>•</sup> Br interaction in the solid state structure of the complex. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 3237-3247	1.6	3
147	Formation of a tetranuclear supramolecule via non-covalent Pb <sup>2+</sup> Cl tetrel bonding interaction in a hemidirected lead(II) complex with a nickel(II) containing metaloligand. <i>CrystEngComm</i> , <b>2019</b> , 21, 6859-6868	3.3	18
146	DFT study on the redox behavior of two dioxovanadium(V) complexes with N <sub>2</sub> O donor Schiff base ligands and their use in catalytic oxidation of ortho-aminophenol. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 18747-18759	3.6	14
145	Development of multi-metallic complexes using metal-salen complexes as building blocks. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 3183-3209	1.6	14
144	Magnetic Properties of End-to-End Azide-Bridged Tetranuclear Mixed-Valence Cobalt(III)/Cobalt(II) Complexes with Reduced Schiff Base Blocking Ligands and DFT Study. <i>ACS Omega</i> , <b>2019</b> , 4, 20634-20643	3.9	15
143	Photosensitive Schottky barrier diode behavior of a semiconducting Co(III)-Na complex with a compartmental Schiff base ligand.. <i>RSC Advances</i> , <b>2019</b> , 9, 34710-34719	3.7	10
142	Stabilization of two conformers intra- or inter-molecular hydrogen bonds in a dinuclear vanadium(V) complex with a pendant Schiff base: theoretical insight.. <i>RSC Advances</i> , <b>2019</b> , 9, 35165-35175	3.7	11
141	Observation of an anion-anion interaction in a square planar copper(II) Schiff base complex: DFT study and CSD analysis. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 487, 465-472	2.7	8
140	A triple alkoxo bridged dinuclear cobalt(III) complex mimicking phosphatase and showing ability to degrade organic dye contaminants by photocatalysis. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 883, 52-64	2.3	7

139	Synthesis and characterization of mixed valence cobalt(III)/cobalt(II) complexes with N,O-donor Schiff base ligands. <i>Polyhedron</i> , <b>2019</b> , 159, 1-11	2.7	23
138	A trigonal dodecahedral cadmium(II) complex with zinc(II) salen type metalloligand: Synthesis, structure, self-assembly and application in the detection of various nitroaromatics via turn-off fluorescence response. <i>Polyhedron</i> , <b>2019</b> , 159, 265-274	2.7	17
137	The ability of a trinuclear zinc(II) Schiff base complex to act as a photocatalyst for the degradation of methylene blue and to mimic phosphatase. <i>Polyhedron</i> , <b>2019</b> , 157, 449-457	2.7	17
136	Synthesis, characterization and DFT study on two copper(II) complexes with a naphthalene-based Schiff base: Examples of stronger chelate-chelate interactions than those reported for classical $\pi$ complexes. <i>Polyhedron</i> , <b>2019</b> , 157, 487-494	2.7	10
135	Non-covalent tetrel bonding interactions in hemidirectional lead(II) complexes with nickel(II)-salen type metalloligands. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6062-6076	3.6	30
134	Synthesis and characterization of three hetero-dinuclear complexes with CuO <sub>2</sub> M cores (M = Na, Hg): Exploration of their phenoxazinone synthase mimicking activity. <i>Polyhedron</i> , <b>2018</b> , 150, 28-34	2.7	11
133	Formation of a water-mediated assembly of two neutral copper(II) Schiff base fragments with a Cu <sub>2</sub> (NCS) <sub>4</sub> moiety: exploration of non-covalent C-H $\cdots$ N (bimetallo ring) interactions. <i>CrystEngComm</i> , <b>2018</b> , 20, 1679-1689	3.3	22
132	Synthesis, structure and magnetic characterization of a dinuclear and two mononuclear iron(III) complexes with N,O-donor Schiff base ligands. <i>Polyhedron</i> , <b>2018</b> , 146, 42-54	2.7	22
131	Role of steric crowding of ligands in the formation of hydroxido bridged di- and trinuclear copper(II) complexes: Structures and magnetic properties. <i>Polyhedron</i> , <b>2018</b> , 145, 43-52	2.7	6
130	Methylene spacer regulated variation in conformation of tetradentate N <sub>2</sub> O <sub>2</sub> donor Schiff bases trapped in manganese(III) complexes. <i>CrystEngComm</i> , <b>2018</b> , 20, 1077-1086	3.3	18
129	Synthesis, characterization and catechol oxidase mimicking activity of two iron(III) schiff base complexes. <i>Polyhedron</i> , <b>2018</b> , 146, 81-92	2.7	32
128	Synthesis, structure, catechol oxidase and phenoxazinone synthase mimicking activity of a manganese(III) Schiff base complex [Mn(HL) <sub>2</sub> (CH <sub>3</sub> OH) <sub>2</sub> ][Mn(HL) <sub>2</sub> (N <sub>3</sub> ) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2018</b> , 141, 198-207	2.7	16
127	Unprecedented photosensitivity of heterotrimetallic copper(II)/sodium/mercury(II) coordination polymer based thin film semiconductor device. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15295-15305	3.6	17
126	One pot synthesis of two cobalt(III) Schiff base complexes with chelating pyridyltetrazolate and exploration of their bio-relevant catalytic activities.. <i>RSC Advances</i> , <b>2018</b> , 8, 28216-28237	3.7	20
125	Heteronuclear cobalt(III)/sodium complexes with salen type compartmental Schiff base ligands: methylene spacer regulated variation in nuclearity. <i>Dalton Transactions</i> , <b>2018</b> , 47, 331-347	4.3	45
124	Estimating the energy of noncovalent interactions in a dioxovanadium(V) Schiff base complex: Exploration of its phenoxazinone synthase like activity. <i>Polyhedron</i> , <b>2018</b> , 142, 83-92	2.7	11
123	A Semiconducting Copper(II) Coordination Polymer with (4,4) Square Grid Topology: Synthesis, Characterization, and Application in the Formation of a Photoswitch. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 651-659	3.5	42
122	End-on cyanate or end-to-end thiocyanate bridged dinuclear copper(II) complexes with a tridentate Schiff base blocking ligand: synthesis, structure and magnetic studies. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 1634-1641	3.6	17

121	Empty halogen bonding interactions in a mixed valence cobalt(III/II) complex and anti-electrostatic hydrogen bonding interaction in a cobalt(III) complex: a theoretical insight. <i>CrystEngComm</i> , <b>2018</b> , 20, 7281-7292	3.3	22
120	Fabrication of an Active Electronic Device Using a Hetero-bimetallic Coordination Polymer. <i>ACS Omega</i> , <b>2018</b> , 3, 12788-12796	3.9	21
119	A trinuclear centrosymmetric zinc(II) Schiff base complex: Exploration of its photocatalytic and phosphatase mimicking activity. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 98, 92-98	3.1	14
118	Synthesis and structure of a cobalt(III) complex containing pendant Schiff base ligand: Exploration of its catechol oxidase and phenoxazinone synthase like activity. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 23-33	2.7	18
117	Chirality-Induced Variation in Interaction of Two Similar Copper(II) Coordination Polymers with Calf Thymus DNA: Exploration of Their Antimicrobial Activity and Cytotoxicity. <i>ChemistrySelect</i> , <b>2018</b> , 3, 7112-7122	1.8	6
116	A mixed phenoxo and end-on azide bridged dinuclear copper(II) Schiff base complex: synthesis, structure, magnetic characterization and DFT study. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13512-13519	3.6	12
115	Synthesizing a Cu(I) complex of tinidazole to tune the generation of the nitro radical anion in order to strike a balance between efficacy and toxic side effects. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4879-4886	3.6	8
114	Importance of C-H...O interactions in stabilizing the syn/anti arrangement of pendant alkoxy side arms in two manganese(IV) Schiff base complexes: exploration of catechol oxidase and phenoxazinone synthase like activities. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 8053-8065	3.6	16
113	Synthesis, Characterization, DFT Study, Catechol Oxidase and Phenoxazinone Synthase Like Activities of Two New Manganese(IV) Schiff Base Complexes. <i>ChemistrySelect</i> , <b>2017</b> , 2, 2975-2984	1.8	16
112	Estimation of conventional C-H...N(arene), unconventional C-H...N(chelate) and C-H...N(thiocyanate) interactions in hetero-nuclear nickel(ii)-cadmium(ii) complexes with a compartmental Schiff base. <i>Dalton Transactions</i> , <b>2017</b> , 46, 5384-5397	4.3	43
111	Observation of Empty interactions in the solid state structures of three new copper(II) complexes with a tetradentate N4 donor Schiff base: Exploration of their cytotoxicity against MDA-MB 468 cells. <i>Polyhedron</i> , <b>2017</b> , 123, 334-343	2.7	29
110	A Combined Experimental and Theoretical Study on the Formation of a Cyclic Tetrameric Water Cluster and a Similar Type of Cyclic Cluster in Copper(II) Schiff Base Complexes. <i>ChemistrySelect</i> , <b>2017</b> , 2, 9336-9343	1.8	30
109	A polynuclear and two dinuclear copper(II) Schiff base complexes: Synthesis, characterization, self-assembly, magnetic property and DFT study. <i>Polyhedron</i> , <b>2017</b> , 137, 332-346	2.7	17
108	Both end-on and end-to-end azide bridged tetranuclear ferromagnetic nickel(II) Schiff base complexes. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 13585-13592	3.6	8
107	Suitable Interplay between Various Conventional and Unconventional Non-Covalent Interactions in Forming Self-Assembled Supramolecules of Two Ni(II)/Zn(II) Schiff Base Complexes. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7880-7887	1.8	15
106	Two Cobalt(III) Schiff Base Complexes of the Type [Co(ABC)(DE)X]: Facile Synthesis, Characterization, Catechol Oxidase and Phenoxazinone Synthase Mimicking Activity. <i>ChemistrySelect</i> , <b>2017</b> , 2, 8207-8220	1.8	23
105	Estimation of non-covalent C-H...N(chelate ring) and hydrogen bonding interactions in vanadium(V) Schiff base complexes: Methylene spacer regulated variation in self-assembly. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 467, 212-220	2.7	8
104	Phosphatase Mimicking Activity of Two Zinc(II) Schiff Base Complexes with Zn2O2 Cores: NBO Analysis and MEP Calculation to Estimate Non-Covalent Interactions. <i>ChemistrySelect</i> , <b>2017</b> , 2, 6286-6295	1.8	21

103	Accidental Orthogonality Induced Weak Magnetic Coupling in a Dinuclear Copper(II) Complex: Exploration of Unconventional C-H... $\pi$ (SCN) Interactions and Catechol Oxidase Activity. <i>ChemistrySelect</i> , <b>2017</b> , 2, 6535-6543	1.8	15
102	A Combined Experimental and Theoretical Study to Explore the Importance of $\pi$ -Hole Carbon Bonding Interactions in Stabilizing Molecular Assemblies. <i>ChemistrySelect</i> , <b>2017</b> , 2, 10586-10594	1.8	15
101	Two new manganese(III) complexes with salicylaldimine Schiff bases: Synthesis, structure, self-assembly and phenoxazinone synthase mimicking activity. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 457, 19-28	2.7	19
100	Synthesis, characterization and photocatalytic activity of a dinuclear thiocyanate bridged cadmium(II) Schiff base complex. <i>Polyhedron</i> , <b>2017</b> , 127, 471-477	2.7	15
99	Synthesis, characterization and phenoxazinone synthase mimicking activity of cobalt(III) Schiff base complexes. <i>Polyhedron</i> , <b>2017</b> , 123, 162-175	2.7	53
98	The crucial role of chelate-chelate stacking interactions in the crystal structure of a square planar copper(II) complex. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1127, 355-360	3.4	10
97	Exploration of photocatalytic activity of an end-on azide bridged one-dimensional cadmium(II) Schiff base complex for the degradation of organic dye in visible light. <i>Polyhedron</i> , <b>2017</b> , 121, 199-205	2.7	22
96	Modulation in $\pi$ - $\pi$ and C-H... $\pi$ interactions varying the counter anions in square planar nickel(II) Schiff base complexes: A combined experimental and theoretical study. <i>Polyhedron</i> , <b>2016</b> , 119, 451-459	2.7	8
95	A combined experimental and theoretical study on two new dinuclear cadmium(II) Schiff base complexes with selenocyanate- $\pi$ Se. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 453, 51-61	2.7	11
94	A novel method for copper(II) mediated region-selective bromination of aromatic rings under mild conditions. <i>RSC Advances</i> , <b>2016</b> , 6, 61214-61220	3.7	18
93	Synthesis, characterization and self-assembly of three dicyanamide bridged polynuclear copper(II) complexes with N2O donor tridentate Schiff bases as blocking ligands. <i>Polyhedron</i> , <b>2016</b> , 117, 138-147	2.7	9
92	Theoretical study on the degree of delocalization of unpaired spin in two mixed valence copper(II/I) complexes with isomeric chelating diamines and iodide. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 451, 16-22	2.7	2
91	Importance of chelate-chelate stacking interactions in crystal structures of square pyramidal copper(II) complexes with two distinct chelating bidentate ligands. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 442, 16-23	2.7	14
90	Three mononuclear octahedral cobalt(III) complexes with salicylaldimine Schiff bases: Synthesis, characterization, phenoxazinone synthase mimicking activity and DFT study on supramolecular interactions. <i>Polyhedron</i> , <b>2016</b> , 112, 6-17	2.7	53
89	Copper(II) pseudohalide complexes with isomeric N2O donor Schiff base ligands: Synthesis, characterization and molecular dynamics simulations of interactions with DNA. <i>ChemistrySelect</i> , <b>2016</b> , 1, 448-455	1.8	7
88	Tetrazolate bridged dinuclear photo-luminescent zinc(II) Schiff base complex prepared via 1,3-dipolar cycloaddition at ambient condition. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 915-925	1.6	8
87	A zinc(II) amidine complex: tandem synthesis, structure, and self assembly. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 112-122	1.6	2
86	A combined experimental and theoretical study on supramolecular assemblies in octahedral cobalt(III) salicylaldimine complexes having pendant side arms. <i>Polyhedron</i> , <b>2016</b> , 112, 86-95	2.7	13



85	A combined experimental and computational study of supramolecular assemblies in two photoluminescent cadmium(II) complexes with halosalicylaldimine Schiff bases. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 450, 321-329	2.7	9
84	Iodide-bridged dinuclear copper(I) complex with cyanopyrazine and its conversion into bis(tetrazolato)copper(II) complex via [3 + 2] cycloaddition: synthesis, structure and self-assembly. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 1713-1721	2	3
83	Field-induced ferromagnetism due to magneto-striction in 1-D helical chains. <i>RSC Advances</i> , <b>2016</b> , 6, 22980-22988	3.9	22
82	Anion dependent supramolecular architectures in Cu(II) complexes containing N2O-donor Schiff-base and 4,4'-bipyridine ligands: Structural analyses and theoretical studies. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 448, 26-33	2.7	10
81	Two new hetero-dinuclear nickel(II)/zinc(II) complexes with compartmental Schiff bases: Synthesis, characterization and self assembly. <i>Polyhedron</i> , <b>2016</b> , 112, 109-117	2.7	42
80	Manganese(III) complexes with tetradentate salicylaldimine Schiff bases: Synthesis, structure, self assembly and catalase activity. <i>Polyhedron</i> , <b>2016</b> , 115, 37-46	2.7	22
79	Synthesis, characterization and magnetic study of two new octahedral iron(III) complexes with pendant zwitterionic Schiff bases. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 453, 715-723	2.7	14
78	A combined experimental and computational study on supramolecular assemblies in hetero-tetranuclear nickel(ii)-cadmium(ii) complexes with NO-donor compartmental Schiff bases. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15048-15059	4.3	32
77	A dinuclear and a 1D zigzag chain of copper(II) complexes with N2O donor Schiff base ligand and psuedohalides (azide and dicyanamide): Studies on catecholase-like activity. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 430, 24-29	2.7	16
76	Observation of novel oxygen-oxygen interaction in supramolecular assembly of cobalt(III) Schiff base complexes: a combined experimental and computational study. <i>RSC Advances</i> , <b>2015</b> , 5, 73028-73039	2.7	28
75	Application of a novel 2D cadmium(II)-MOF in the formation of a photo-switch with a substantial on-off ratio. <i>Chemical Communications</i> , <b>2015</b> , 51, 12974-6	5.8	78
74	Variation in crystalline architectures through supramolecular interactions in copper(II) complexes with tridentate N2O donor Schiff bases. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 2520-2538	1.6	7
73	Formation of three photoluminescent dinuclear cadmium(II) complexes with Cd2O2 cores. <i>Polyhedron</i> , <b>2015</b> , 91, 10-17	2.7	26
72	Asymmetric bis-( $\mu$ -1,1-azido) bridged dinuclear copper(II) complex with N2O donor Schiff base: synthesis, structure and magnetic study. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 1361-1373	1.6	7
71	1-Amino-4-hydroxy-9,10-anthraquinone - An analogue of anthracycline anticancer drugs, interacts with DNA and induces apoptosis in human MDA-MB-231 breast adenocarcinoma cells: Evaluation of structure-activity relationship using computational, spectroscopic and biochemical studies. <i>Biochemistry and Biophysics Reports</i> , <b>2015</b> , 4, 312-323	2.2	13
70	Synthesis, structure, magnetic property and self-assembly of two double end-on azide bridged ferromagnetic nickel(II) complexes with distinct bidentate blocking ligands: A combined experimental and theoretical study. <i>Polyhedron</i> , <b>2015</b> , 101, 257-269	2.7	16
69	Bis( $\mu$ -tetrazolato-NN?) bridged dinuclear nickel(II) Schiff base complexes: Tandem synthesis, structure and self assembly. <i>Polyhedron</i> , <b>2015</b> , 87, 286-292	2.7	11
68	Synthesis and characterization of three new photo-luminescent cadmium(II) complexes with azide: Variation in molecular structures with changes in the denticity of blocking ligands. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 427, 155-161	2.7	15

- 67 Formation of a novel ferromagnetic end-to-end cyanate bridged homochiral helical copper(II) Schiff base complex via spontaneous symmetry breaking. *Dalton Transactions*, **2015**, 44, 493-7 4.3 24
- 66 Anion directed cation templated synthesis of three ternary copper(II) complexes with a monocondensed N2O donor Schiff base and different pseudohalides. *Polyhedron*, **2015**, 85, 221-231 2.7 24
- 65 An unusual magnetic response in a stacked 66-dia net structure of [4 + 2] copper(II) cubane. *RSC Advances*, **2015**, 5, 46869-46872 3.7 4
- 64 Syntheses, crystal structures and density functional theory investigations of copper(II) complexes bearing tridentate Schiff base ligands derived from 8-aminoquinoline. *CrystEngComm*, **2015**, 17, 5664-5674 3.3 12
- 63 Mono, di and trinuclear photo-luminescent cadmium(II) complexes with N2O and N2O2 donor salicylidimine Schiff bases: Synthesis, structure and self assembly. *Inorganica Chimica Acta*, **2015**, 433, 72-77 2.7 29
- 62 Synthesis, Structures, and DFT Study of CuBr Based Coordination Polymers via in Situ Reduction of Copper(II). *Crystal Growth and Design*, **2015**, 15, 257-267 3.5 11
- 61 Formation of three photoluminescent zinc(II) complexes with Zn2O2 cores: Examples of bi-dentate bonding modes of potentially tri- and tetra-dentate Schiff bases. *Polyhedron*, **2015**, 88, 156-163 2.7 45
- 60 Spontaneous resolution of P and M helical copper(II) MOFs built from achiral precursors. *RSC Advances*, **2015**, 5, 18252-18257 3.7 19
- 59 Hydrogen bonding induced lowering of the intra-chain metal-metal distance in single end-on azide bridged one-dimensional copper(II) complexes with tridentate Schiff bases as blocking ligands. *Polyhedron*, **2014**, 68, 346-356 2.7 15
- 58 Synthesis and characterization of a nickel(II) complex of 9-methoxy-2,3-dihydro-1,4-benzoxazepine derived from a Schiff base ligand and its ligand substitution reaction. *Journal of Molecular Structure*, **2014**, 1061, 26-31 3.4 13
- 57 Synthesis and characterization of two new nickel(II) complexes with azide: Formation of a two-dimensional coordination polymer with 63-hcb topology. *Polyhedron*, **2014**, 68, 205-211 2.7 32
- 56 Anion modulated structural variations in copper(II) complexes with a semicarbazone Schiff base: Synthesis, characterization and self assembly. *Polyhedron*, **2014**, 77, 103-114 2.7 14
- 55 Variation in molecular and crystalline architectures of di- and poly-nuclear cadmium(II) complexes on changing the denticity of the blocking ligands. *Polyhedron*, **2014**, 75, 57-63 2.7 33
- 54 Formation of bis(tetrazolato)dinickel(II) complexes with N,N,O-donor Schiff bases via in situ 1,3-dipolar cyclo-additions: isolation of a novel bi-cyclic trinuclear nickel(II)-sodium(I)-nickel(II) complex. *Dalton Transactions*, **2014**, 43, 2936-47 4.3 36
- 53 A combined experimental and computational study of supramolecular assemblies in ternary copper(II) complexes with a tetradentate N4 donor Schiff base and halides. *RSC Advances*, **2014**, 4, 58643-58651 3.7 26
- 52 Novel tandem synthesis of bis(ENNS tetrazolate) bridged dinuclear nickel(ii) Schiff base complex via [3 + 2] cyclo-addition at ambient condition. *Dalton Transactions*, **2014**, 43, 5643-7 4.3 14
- 51 Formation of T4(1) water tapes interconnected via centrosymmetric nickel(II) Schiff base complex to produce a 3D architecture. *Inorganic Chemistry Communication*, **2014**, 48, 12-17 3.1 15
- 50 Field-induced ferromagnetism and multiferroic behavior in end-on pseudohalide-bridged dinuclear copper(II) complexes with tridentate Schiff base blocking ligands. *Inorganic Chemistry*, **2014**, 53, 8723-34 5.1 42

49	In situ assembly of a host-guest linked, mixed valence copper(II)-copper(I) coordination polymer [Cu(1,2-en) <sub>2</sub> (B-I) <sub>2</sub> Cu <sub>2</sub> (B-I) <sub>2</sub> ] <sub>n</sub> via partial reduction of copper(II) under ambient conditions. <i>Journal of Coordination Chemistry</i> , <b>2014</b> , 67, 2954-2966	1.6	9
48	Synthesis, crystal structure and magnetic properties of two alternating double $\mu_1,1$ and $\mu_1,3$ azido bridged Cu(II) and Ni(II) chains. <i>Dalton Transactions</i> , <b>2014</b> , 43, 12414-21	4.3	25
47	Design and construction of copper(I) complexes based on flexi-dentate cyclic N <sub>2</sub> -donor Schiff bases via in situ reduction of copper(II) precursors. <i>Polyhedron</i> , <b>2014</b> , 81, 298-307	2.7	17
46	Copper(II) complexes with tridentate N <sub>2</sub> O donor Schiff bases: Modulation of crystalline architectures through supramolecular interactions. <i>Polyhedron</i> , <b>2014</b> , 67, 181-190	2.7	21
45	Anion mediated diversity in the nuclearity of nickel(II) complexes with a N <sub>2</sub> O donor Schiff base: Formation of a supra-molecular chain via Br $\cdots$ Br interactions. <i>Polyhedron</i> , <b>2014</b> , 78, 40-45	2.7	35
44	Synthesis, characterization and DFT study of nickel(II) complexes of a N <sub>2</sub> O donor Schiff base with different pseudo-halides: Formation of supra-molecular architectures by C $\cdots$ H interactions. <i>Polyhedron</i> , <b>2014</b> , 78, 94-103	2.7	20
43	Formation of novel cadmium(II) tetrazolato complexes with Schiff bases as co-ligands via in situ [3+2] cyclo-addition. <i>Polyhedron</i> , <b>2014</b> , 81, 168-179	2.7	12
42	Variation in DNA binding constants with a change in geometry of ternary copper(II) complexes with N <sub>2</sub> O donor Schiff base and cyanate or dicyanamide. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1074, 703-712	3.4	8
41	Synthesis and characterization of four dicyanamide bridged copper(II) complexes with N <sub>2</sub> O donor tridentate Schiff bases as blocking ligands. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 405, 400-409	2.7	36
40	Copper(II) complexes with tridentate N <sub>2</sub> O donor Schiff base isomers: Modulation of molecular and crystalline architectures through supramolecular interactions. <i>Polyhedron</i> , <b>2013</b> , 60, 68-77	2.7	25
39	Heterometallic inorganic-organic frameworks of sodium-nickel(vanen): Cation $\cdots$ anion interaction, trigonal dodecahedral Na <sup>+</sup> and unprecedented heptadentate coordination mode of vanen <sub>2</sub> <i>Polyhedron</i> , <b>2013</b> , 63, 214-221	2.7	33
38	Designed synthesis of copper(II) and nickel(II) complexes with a tridentate N <sub>2</sub> O donor Schiff base: Modulation of crystalline architectures through C $\cdots$ H and anion $\cdots$ anion interactions. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1051, 250-258	3.4	23
37	Formation of a mixed valence copper(II)-copper(I) coordination polymer {[Cu(1,2-pn) <sub>2</sub> (B-I)Cu <sub>2</sub> (B-I) <sub>3</sub> (CH <sub>3</sub> CN)] $\cdots$ CH <sub>3</sub> CN} <sub>n</sub> : in situ reduction of copper(II) at ambient condition. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 3906-3914	1.6	10
36	Syntheses and characterizations of square planar nickel(II) complexes with pendant ligands: Examples of bi-dentate bonding modes of potentially tri- and tetra-dentate Schiff bases. <i>Polyhedron</i> , <b>2013</b> , 65, 229-237	2.7	17
35	Counter anion modulated variation of denticity of NNO donor Schiff base in copper(II) complexes: Isolation of a zwitterionic Schiff base as the metal complex. <i>Polyhedron</i> , <b>2013</b> , 62, 179-187	2.7	32
34	Control of molecular architecture by hydrogen bonding: mononuclear versus dinuclear copper(II) complexes with tridentate N <sub>2</sub> O donor Schiff base isomers. <i>Transition Metal Chemistry</i> , <b>2013</b> , 38, 191-197	2.1	26
33	A polynuclear helical and two dinuclear copper(II) complexes of a monocondensed N,N,O donor Schiff base with pseudohalides as co-ligand. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 395, 24-32	2.7	39
32	Synthesis and structure of mono-, di- and tri-nuclear copper(II) benzoate complexes with a tridentate N <sub>2</sub> O donor Schiff base ligand. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 396, 66-71	2.7	23

31	Efficient and novel method for nucleophilic thiocyanation of activated aromatic compounds using sodium thiocyanate at ambient condition. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 35, 160-163	3.1	8
30	Synthesis and structures of two cobalt(III) complexes with N4 donor ligands: Isolation of a unique bis-hemiaminal ether ligand as the metal complex. <i>Polyhedron</i> , <b>2013</b> , 50, 443-451	2.7	34
29	Formation of polynuclear copper(II)/sodium(I) heterometallic complexes derived from salen-type Schiff bases. <i>Polyhedron</i> , <b>2013</b> , 49, 113-120	2.7	36
28	Methylene spacer regulated variation in structures and magnetic properties in copper(II) compounds with O, N, O donor Schiff bases. <i>Polyhedron</i> , <b>2013</b> , 49, 269-276	2.7	33
27	Unique example of a T3(2)4(2)3(2)6(2) water tape containing acetate/water hybrid hexamer in a heterometallic schiff base complex host. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 18, 50-56	3.1	35
26	Synthesis and characterisation of two double EE azido and thiocyanato bridged dimeric Cu(II) complexes with tridentate Schiff bases as blocking ligands. <i>Polyhedron</i> , <b>2012</b> , 37, 21-26	2.7	36
25	Unique in situ reduction of copper(II) forming an interesting photoluminescent stair-polymer of copper(I) with a Cu2S2 core. <i>Dalton Transactions</i> , <b>2012</b> , 41, 10145-9	4.3	15
24	Anion directed templated synthesis of mono- and di-condensed Schiff base compounds of Cu(II). <i>Polyhedron</i> , <b>2012</b> , 44, 11-17	2.7	21
23	A novel polymeric copper(II) compound containing peripheral nitro oxygen bridge and EDH core: An unprecedented tetradentate bonding mode of a potentially tridentate Schiff base. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 22, 14-17	3.1	20
22	Syntheses, characterization and X-ray crystal structures of hexa-coordinated monomeric and oxo-bridged dimeric Fe(III) compounds with salen-type Schiff bases. <i>Polyhedron</i> , <b>2012</b> , 48, 189-198	2.7	39
21	Anion mediated diversity in the H-bonded assembly of a series of heteronuclear copper(II)/sodium(I) compounds. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 390, 53-60	2.7	45
20	Synthesis and characterization of square planar and square pyramidal copper(II) compounds with tridentate Schiff bases: Formation of a molecular zipper via H-bonding interaction. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 390, 167-177	2.7	30
19	Synthesis and characterisation of ammonium mediated assembly of two neutral nickel(II) Schiff base fragments. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 378, 303-306	2.7	19
18	Syntheses, characterization and X-ray crystal structures of a mono- and a penta-nuclear nickel(II) complex with oximate Schiff base ligands. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 365, 25-31	2.7	23
17	Synthesis and characterization of nickel(II) and copper(II) complexes with tetradentate Schiff base ligands. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 62-67	2.7	28
16	Unique example of a trigonal dodecahedral Na <sup>+</sup> in a compartmental Schiff base N,N'-(1,2-Phenylene)-bis(3-methoxysalicylideneimine). <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1337-1340	3.1	44
15	Control of molecular architecture by steric factors: mononuclear vs polynuclear manganese(III) compounds with tetradentate N2O2 donor Schiff bases. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7916-26	4.3	79
14	Synthesis, structure and magnetic properties of mono- and di-nuclear nickel(II) thiocyanate complexes with tridentate N3 donor Schiff bases. <i>Polyhedron</i> , <b>2010</b> , 29, 2637-2642	2.7	65

- |    |  |     |     |
|----|--|-----|-----|
| 13 | Nickel(II) complexes of terdentate or symmetrical tetradentate Schiff bases: Evidence of the influence of the counter anions in the hydrolysis of the imine bond in Schiff base complexes. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 502-508                                 | 2.7 | 42  |
| 12 | Syntheses, characterization and X-ray crystal structures of Ni(II) complexes of tridentate monocondensed and tetradentate didcondensed Schiff bases. <i>Polyhedron</i> , <b>2009</b> , 28, 812-818   | 2.7 | 29  |
| 11 | Methylene Spacer-Regulated Structural Variation in Cobalt(II/III) Complexes with Bridging Acetate and Salen- or Salpn-Type Schiff-Base Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1693-1701   | 3.3 | 102 |
| 10 | The first metamagnetic thiocyanato-bridged one-dimensional nickel(II) complex. <i>Dalton Transactions</i> , <b>2007</b> , 2492-4   | 4.3 | 56  |
| 9  | Anion directed templated synthesis of mono- and di-Schiff base complexes of Ni(II). <i>Polyhedron</i> , <b>2007</b> , 26, 3513-3522  | 2.7 | 39  |
| 8  | Synthesis, crystal structure and hydrolysis of a dinuclear copper(II) complex constructed by N2O donor Schiff base and 4,4'-bipyridine: Discrete supra-molecular ensembles vs. oligomers. <i>Polyhedron</i> , <b>2007</b> , 26, 4411-4418  | 2.7 | 47  |
| 7  | First oxidative synthetic route of a novel, linear mixed valence Co(III)Co(II)Co(III) complex with bridging acetate and salen. <i>Inorganic Chemistry Communication</i> , <b>2006</b> , 9, 1053-1057   | 3.1 | 91  |
| 6  | Nickel(II) and copper(II) complexes of tetradentate unsymmetrical Schiff base ligands: First evidence of positional isomerism in such system. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 1367-1375  | 2.7 | 115 |
| 5  | Synthesis, characterization, and anion selectivity of copper(II) complexes with a tetradentate Schiff base ligand. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 4519-4525   | 2.7 | 43  |
| 4  | A novel copper(II) complex with a pendant Schiff base: An unprecedented monodentate bonding mode of the potentially tridentate ligand. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 4441-4446   | 2.7 | 24  |
| 3  | Facile synthesis of Cu(II) complexes of monocondensed N,N,N donor Schiff base ligands: Crystal structure, spectroscopic and magnetic properties. <i>Polyhedron</i> , <b>2006</b> , 25, 2241-2253   | 2.7 | 58  |
| 2  | Trinuclear Cu(II) Complexes Containing Peripheral Ketonic Oxygen Bridges and a B-OH Core: Syntheses, Crystal Structures, Spectroscopic and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 4562-4571   | 2.3 | 13  |
| 1  | Theoretical insights on the encapsulated hydronium ion mediated supramolecular assembly of nickel(II) Schiff base complexes: strong hydrogen bonding interaction due to charge transfer from the lone pair of oxygen to the antibonding orbital of the O-H bond. <i>CrystEngComm</i> , | 3.3 | 1   |