

Shouvik Chattopadhyay

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210
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ext. papers

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ext. citations

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#	Paper	IF	Citations
210	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> , 2006 , 359, 1367-1375	2.7	115
209	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> , 2008 , 2008, 1693-1701	2.7	102
208	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> , 2006 , 9, 1053-1057	3.1	91
207	Control of molecular architecture by steric factors: mononuclear vs polynuclear manganese(III) compounds with tetradentate N ₂ O ₂ donor Schiff bases. <i>Dalton Transactions</i> , 2011 , 40, 7916-26	4.3	79
206	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> , 2015 , 51, 12974-6	5.8	78
205	Synthesis, structure and magnetic properties of mono- and di-nuclear nickel(II) thiocyanate complexes with tridentate N ₃ donor Schiff bases. <i>Polyhedron</i> , 2010 , 29, 2637-2642	2.7	65
204	Facile synthesis of Cu(II) complexes of monocondensed N,N,N donor Schiff base ligands: Crystal structure, spectroscopic and magnetic properties. <i>Polyhedron</i> , 2006 , 25, 2241-2253	2.7	58
203	The first metamagnetic thiocyanato-bridged one-dimensional nickel(II) complex. <i>Dalton Transactions</i> , 2007 , 2492-4	4.3	56
202	Three mononuclear octahedral cobalt(III) complexes with salicylaldehyde Schiff bases: Synthesis, characterization, phenoxazinone synthase mimicking activity and DFT study on supramolecular interactions. <i>Polyhedron</i> , 2016 , 112, 6-17	2.7	53
201	Synthesis, characterization and phenoxazinone synthase mimicking activity of cobalt(III) Schiff base complexes. <i>Polyhedron</i> , 2017 , 123, 162-175	2.7	53
200	Synthesis, crystal structure and hydrolysis of a dinuclear copper(II) complex constructed by N ₂ O donor Schiff base and 4,4'-bipyridine: Discrete supra-molecular ensembles vs. oligomers. <i>Polyhedron</i> , 2007 , 26, 4411-4418	2.7	47
199	Formation of three photoluminescent zinc(II) complexes with Zn ₂ O ₂ cores: Examples of bi-dentate bonding modes of potentially tri- and tetra-dentate Schiff bases. <i>Polyhedron</i> , 2015 , 88, 156-163	2.7	45
198	Anion mediated diversity in the H-bonded assembly of a series of heteronuclear copper(II)/sodium(I) compounds. <i>Inorganica Chimica Acta</i> , 2012 , 390, 53-60	2.7	45
197	Heteronuclear cobalt(III)/sodium complexes with salen type compartmental Schiff base ligands: methylene spacer regulated variation in nuclearity. <i>Dalton Transactions</i> , 2018 , 47, 331-347	4.3	45
196	Unique example of a trigonal dodecahedral Na ⁺ in a compartmental Schiff base N,N'-(1,2-Phenylene)-bis(3-methoxysalicylideneimine). <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1337-1340	3.1	44
195	Estimation of conventional C-H⋯(arene), unconventional C-H⋯(chelate) and C-H⋯(thiocyanate) interactions in hetero-nuclear nickel(II)-cadmium(II) complexes with a compartmental Schiff base. <i>Dalton Transactions</i> , 2017 , 46, 5384-5397	4.3	43
194	Synthesis, characterization, and anion selectivity of copper(II) complexes with a tetradentate Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2006 , 359, 4519-4525	2.7	43

193	Field-induced ferromagnetism and multiferroic behavior in end-on pseudohalide-bridged dinuclear copper(II) complexes with tridentate Schiff base blocking ligands. <i>Inorganic Chemistry</i> , 2014 , 53, 8723-34 ^{5.1}	4.2	42
192	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> , 2009 , 362, 502-508	2.7	42
191	Two new hetero-dinuclear nickel(II)/zinc(II) complexes with compartmental Schiff bases: Synthesis, characterization and self assembly. <i>Polyhedron</i> , 2016 , 112, 109-117	2.7	42
190	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> , 2018 , 18, 651-659	3.5	42
189	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> , 2012 , 48, 189-198	2.7	39
188	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> , 2013 , 395, 24-32	2.7	39
187	Anion directed templated synthesis of mono- and di-Schiff base complexes of Ni(II). <i>Polyhedron</i> , 2007 , 26, 3513-3522	2.7	39
186	Importance of π 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> , 2019 , 19, 5869-5881	3.5	38
185	Formation of bis(π 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. <i>Dalton Transactions</i> , 2014 , 43, 2936-47	4.3	36
184	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> , 2012 , 37, 21-26	2.7	36
183	Synthesis and characterization of four dicyanamide bridged copper(II) complexes with N2O donor tridentate Schiff bases as blocking ligands. <i>Inorganica Chimica Acta</i> , 2013 , 405, 400-409	2.7	36
182	Formation of polynuclear copper(II)Sodium(I) heterometallic complexes derived from salen-type Schiff bases. <i>Polyhedron</i> , 2013 , 49, 113-120	2.7	36
181	Anion mediated diversity in the nuclearity of nickel(II) complexes with a N2O donor Schiff base: Formation of a supra-molecular chain via Br ⁺ Br ⁻ interactions. <i>Polyhedron</i> , 2014 , 78, 40-45	2.7	35
180	Unique example of a T3(2)4(2)3(2)6(2) water tape containing acetateWater hybrid hexamer in a heterometallic schiff base complex host. <i>Inorganic Chemistry Communication</i> , 2012 , 18, 50-56	3.1	35
179	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> , 2013 , 50, 443-451	2.7	34
178	Variation in molecular and crystalline architectures of di- and poly-nuclear cadmium(II) complexes on changing the denticity of the blocking ligands. <i>Polyhedron</i> , 2014 , 75, 57-63	2.7	33
177	Heterometallic inorganicOrganic frameworks of sodiumNickel(vanen): CationInteraction, trigonal dodecahedral Na ⁺ and unprecedented heptadentate coordination mode of vanen2 ⁺ <i>Polyhedron</i> , 2013 , 63, 214-221	2.7	33
176	Methylene spacer regulated variation in structures and magnetic properties in copper(II) compounds with O, N, O donor Schiff bases. <i>Polyhedron</i> , 2013 , 49, 269-276	2.7	33

175	Synthesis, characterization and catechol oxidase mimicking activity of two iron(III) schiff base complexes. <i>Polyhedron</i> , 2018 , 146, 81-92	2.7	32
174	Synthesis and characterization of two new nickel(II) complexes with azide: Formation of a two-dimensional coordination polymer with 63-hcb topology. <i>Polyhedron</i> , 2014 , 68, 205-211	2.7	32
173	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> , 2013 , 62, 179-187	2.7	32
172	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> , 2016 , 45, 15048-15059	4.3	32
171	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> , 2017 , 2, 9336-9343	1.8	30
170	Non-covalent tetrel bonding interactions in hemidirectional lead(II) complexes with nickel(II)-salen type metalloligands. <i>New Journal of Chemistry</i> , 2018 , 42, 6062-6076	3.6	30
169	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> , 2012 , 390, 167-177	2.7	30
168	Observation of π -hole 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> , 2017 , 123, 334-343	2.7	29
167	Mono, di and trinuclear photo-luminescent cadmium(II) complexes with N2O and N2O2 donor salicylidimine Schiff bases: Synthesis, structure and self assembly. <i>Inorganica Chimica Acta</i> , 2015 , 433, 72-77	2.7	29
166	Syntheses, characterization and X-ray crystal structures of Ni(II) complexes of tridentate monocondensed and tetradentate dicondensed Schiff bases. <i>Polyhedron</i> , 2009 , 28, 812-818	2.7	29
165	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> , 2019 , 43, 10093-10102	3.6	28
164	Observation of novel oxygen \cdots oxygen interaction in supramolecular assembly of cobalt(III) Schiff base complexes: a combined experimental and computational study. <i>RSC Advances</i> , 2015 , 5, 73028-73039	3.7	28
163	Synthesis and characterization of nickel(II) and copper(II) complexes with tetradentate Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2011 , 366, 62-67	2.7	28
162	Formation of three photoluminescent dinuclear cadmium(II) complexes with Cd2O2 cores. <i>Polyhedron</i> , 2015 , 91, 10-17	2.7	26
161	A combined experimental and computational study of supramolecular assemblies in ternary copper(II) complexes with a tetradentate N4 donor Schiff base and halides. <i>RSC Advances</i> , 2014 , 4, 58643-58651	3.7	26
160	Control of molecular architecture by hydrogen bonding: mononuclear versus dinuclear copper(II) complexes with tridentate N2O donor Schiff base isomers. <i>Transition Metal Chemistry</i> , 2013 , 38, 191-197	2.1	26
159	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> , 2014 , 43, 12414-21	4.3	25
158	Copper(II) complexes with tridentate N2O donor Schiff base isomers: Modulation of molecular and crystalline architectures through supramolecular interactions. <i>Polyhedron</i> , 2013 , 60, 68-77	2.7	25

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> , 2019 , 43, 4432-4443	3.6	24
156	Formation of a novel ferromagnetic end-to-end cyanate bridged homochiral helical copper(II) Schiff base complex via spontaneous symmetry breaking. <i>Dalton Transactions</i> , 2015 , 44, 493-7	4.3	24
155	Anion directed cation templated synthesis of three ternary copper(II) complexes with a monocondensed N2O donor Schiff base and different pseudohalides. <i>Polyhedron</i> , 2015 , 85, 221-231	2.7	24
154	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> , 2006 , 359, 4441-4446	2.7	24
153	Designed synthesis of copper(II) and nickel(II) complexes with a tridentate N2O donor Schiff base: Modulation of crystalline architectures through CH π and anion π interactions. <i>Journal of Molecular Structure</i> , 2013 , 1051, 250-258	3.4	23
152	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> , 2017 , 2, 8207-8220	1.8	23
151	Synthesis and structure of mono-, di- and tri-nuclear copper(II) benzoate complexes with a tridentate N2O donor Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2013 , 396, 66-71	2.7	23
150	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> , 2011 , 365, 25-31	2.7	23
149	Synthesis and characterization of mixed valence cobalt(III)/cobalt(II) complexes with N,O-donor Schiff base ligands. <i>Polyhedron</i> , 2019 , 159, 1-11	2.7	23
148	Formation of a water-mediated assembly of two neutral copper(II) Schiff base fragments with a Cu ₂ (NCS) ₄ moiety: exploration of non-covalent CH π (bimetallo ring) interactions. <i>CrystEngComm</i> , 2018 , 20, 1679-1689	3.3	22
147	Synthesis, structure and magnetic characterization of a dinuclear and two mononuclear iron(III) complexes with N,O-donor Schiff base ligands. <i>Polyhedron</i> , 2018 , 146, 42-54	2.7	22
146	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> , 2017 , 121, 199-205	2.7	22
145	Manganese(III) complexes with tetradentate salicylaldimine Schiff bases: Synthesis, structure, self assembly and catalase activity. <i>Polyhedron</i> , 2016 , 115, 37-46	2.7	22
144	π-Hole 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> , 2018 , 20, 7281-7292	3.3	22
143	Copper(II) complexes with tridentate N2O donor Schiff bases: Modulation of crystalline architectures through supramolecular interactions. <i>Polyhedron</i> , 2014 , 67, 181-190	2.7	21
142	Phosphatase Mimicking Activity of Two Zinc(II) Schiff Base Complexes with Zn ₂ O ₂ Cores: NBO Analysis and MEP Calculation to Estimate Non-Covalent Interactions. <i>ChemistrySelect</i> , 2017 , 2, 6286-6295	1.8	21
141	Anion directed templated synthesis of mono- and di-condensed Schiff base compounds of Cu(II). <i>Polyhedron</i> , 2012 , 44, 11-17	2.7	21
140	Fabrication of an Active Electronic Device Using a Hetero-bimetallic Coordination Polymer. <i>ACS Omega</i> , 2018 , 3, 12788-12796	3.9	21

- 139 One pot synthesis of two cobalt(III) Schiff base complexes with chelating pyridyltetrazolate and exploration of their bio-relevant catalytic activities.. *RSC Advances*, **2018**, 8, 28216-28237 3.7 20
- 138 Synthesis, characterization and DFT study of nickel(II) complexes of a N2O donor Schiff base with different pseudo-halides: Formation of supra-molecular architectures by C π H π interactions. *Polyhedron*, **2014**, 78, 94-103 2.7 20
- 137 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. *Inorganic Chemistry Communication*, **2012**, 22, 14-17 3.1 20
- 136 Intramolecular Spodium Bonds in Zn(II) Complexes: Insights from Theory and Experiment. *International Journal of Molecular Sciences*, **2020**, 21, 6.3 20
- 135 Methylene spacer regulated variation in molecular and crystalline architectures of cobalt(III) complexes with reduced Schiff base ligands: a combined experimental and theoretical study. *Dalton Transactions*, **2019**, 48, 11433-11447 4.3 19
- 134 Two new manganese(III) complexes with salicylaldimine Schiff bases: Synthesis, structure, self-assembly and phenoxazinone synthase mimicking activity. *Inorganica Chimica Acta*, **2017**, 457, 19-28 2.7 19
- 133 Spontaneous resolution of P and M helical copper(II) MOFs built from achiral precursors. *RSC Advances*, **2015**, 5, 18252-18257 3.7 19
- 132 Synthesis and characterisation of ammonium mediated assembly of two neutral nickel(II) Schiff base fragments. *Inorganica Chimica Acta*, **2011**, 378, 303-306 2.7 19
- 131 A tetranuclear nickel/lead complex with a salen type Schiff base: synthesis, structure and exploration of photosensitive Schottky barrier diode behaviour. *New Journal of Chemistry*, **2019**, 43, 5020-5031 2.6 18
- 130 Methylene spacer regulated variation in conformation of tetradentate N2O2 donor Schiff bases trapped in manganese(III) complexes. *CrystEngComm*, **2018**, 20, 1077-1086 3.3 18
- 129 A novel method for copper(II) mediated region-selective bromination of aromatic rings under mild conditions. *RSC Advances*, **2016**, 6, 61214-61220 3.7 18
- 128 Formation of a tetranuclear supramolecule via non-covalent Pb π Cl tetrel bonding interaction in a hemidirected lead(II) complex with a nickel(II) containing metaloligand. *CrystEngComm*, **2019**, 21, 6859-6868 3.3 18
- 127 Synthesis and structure of a cobalt(III) complex containing pendant Schiff base ligand: Exploration of its catechol oxidase and phenoxazinone synthase like activity. *Inorganica Chimica Acta*, **2018**, 482, 23-33 2.7 18
- 126 A comprehensive overview of the orientation of tetradentate N2O2 donor Schiff base ligands in octahedral complexes of trivalent 3d metals. *Journal of Molecular Structure*, **2019**, 1186, 155-186 3.4 17
- 125 Unprecedented photosensitivity of heterotrimetallic copper(II)/sodium/mercury(II) coordination polymer based thin film semiconductor device. *New Journal of Chemistry*, **2018**, 42, 15295-15305 3.6 17
- 124 Design and construction of copper(I) complexes based on flexi-dentate cyclic N2-donor Schiff bases via in situ reduction of copper(II) precursors. *Polyhedron*, **2014**, 81, 298-307 2.7 17
- 123 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. *Polyhedron*, **2013**, 65, 229-237 2.7 17
- 122 A polynuclear and two dinuclear copper(II) Schiff base complexes: Synthesis, characterization, self-assembly, magnetic property and DFT study. *Polyhedron*, **2017**, 137, 332-346 2.7 17

121	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> , 2019 , 159, 265-274	2.7	17
120	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> , 2019 , 157, 449-457	2.7	17
119	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> , 2018 , 42, 1634-1641	3.6	17
118	Importance of C-H...N 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> , 2017 , 41, 8053-8065	3.6	16
117	Synthesis, Characterization, DFT Study, Catechol Oxidase and Phenoxazinone Synthase Like Activities of Two New Manganese(IV) Schiff Base Complexes. <i>ChemistrySelect</i> , 2017 , 2, 2975-2984	1.8	16
116	A dinuclear and a 1D zigzag chain of copper(II) complexes with N2O donor Schiff base ligand and pseudohalides (azide and dicyanamide): Studies on catecholase-like activity. <i>Inorganica Chimica Acta</i> , 2015 , 430, 24-29	2.7	16
115	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> , 2015 , 101, 257-269	2.7	16
114	Synthesis, structure, catechol oxidase and phenoxazinone synthase mimicking activity of a manganese(III) Schiff base complex [Mn(HL)2(CH3OH)2][Mn(HL)2(N3)2]. <i>Polyhedron</i> , 2018 , 141, 198-207	2.7	16
113	Representation of a photosensitive Schottky barrier diode made with hetero-dinuclear cobalt(III)/sodium building blocks. <i>New Journal of Chemistry</i> , 2020 , 44, 1285-1293	3.6	16
112	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> , 2015 , 427, 155-161	2.7	15
111	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. <i>Polyhedron</i> , 2014 , 68, 346-356	2.7	15
110	Formation of T4(1) water tapes interconnected via centrosymmetric nickel(II) Schiff base complex to produce a 3D architecture. <i>Inorganic Chemistry Communication</i> , 2014 , 48, 12-17	3.1	15
109	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> , 2017 , 2, 7880-7887	1.8	15
108	Accidental Orthogonality Induced Weak Magnetic Coupling in a Dinuclear Copper(II) Complex: Exploration of Unconventional C-H...N Interactions and Catechol Oxidase Activity. <i>ChemistrySelect</i> , 2017 , 2, 6535-6543	1.8	15
107	A Combined Experimental and Theoretical Study to Explore the Importance of Hole Carbon Bonding Interactions in Stabilizing Molecular Assemblies. <i>ChemistrySelect</i> , 2017 , 2, 10586-10594	1.8	15
106	Synthesis, characterization and photocatalytic activity of a dinuclear thiocyanate bridged cadmium(II) Schiff base complex. <i>Polyhedron</i> , 2017 , 127, 471-477	2.7	15
105	Unique in situ reduction of copper(II) forming an interesting photoluminescent stair-polymer of copper(I) with a Cu2S2 core. <i>Dalton Transactions</i> , 2012 , 41, 10145-9	4.3	15
104	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> , 2019 , 4, 20634-20643	3.9	15

103	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> , 2016 , 442, 16-23	2.7	14
102	Anion modulated structural variations in copper(II) complexes with a semicarbazone Schiff base: Synthesis, characterization and self assembly. <i>Polyhedron</i> , 2014 , 77, 103-114	2.7	14
101	Novel tandem synthesis of bis(ENNS tetrazolate) bridged dinuclear nickel(II) Schiff base complex via [3 + 2] cyclo-addition at ambient condition. <i>Dalton Transactions</i> , 2014 , 43, 5643-7	4.3	14
100	Synthesis, characterization and magnetic study of two new octahedral iron(III) complexes with pendant zwitterionic Schiff bases. <i>Inorganica Chimica Acta</i> , 2016 , 453, 715-723	2.7	14
99	DFT study on the redox behavior of two dioxovanadium(V) complexes with N2O donor Schiff base ligands and their use in catalytic oxidation of ortho-aminophenol. <i>New Journal of Chemistry</i> , 2019 , 43, 18747-18759	3.6	14
98	Development of multi-metallic complexes using metal-salen complexes as building blocks. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 3183-3209	1.6	14
97	A trinuclear centrosymmetric zinc(II) Schiff base complex: Exploration of its photocatalytic and phosphatase mimicking activity. <i>Inorganic Chemistry Communication</i> , 2018 , 98, 92-98	3.1	14
96	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>Chemical Communications</i> , 2017 , 1-3	2.2	13
95	Synthesis and characterization of a nickel(II) complex of 9-methoxy-2,3-dihydro-1,4-benzoxazine derived from a Schiff base ligand and its ligand substitution reaction. <i>Journal of Molecular Structure</i> , 2014 , 1061, 26-31	3.4	13
94	Trinuclear CuII 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> , 2005 , 2005, 4562-4571	2.3	13
93	An insight into the non-covalent Pb ²⁺ S and S ²⁻ S interactions in the solid-state structure of a hemidirected lead(II) complex. <i>CrystEngComm</i> , 2020 , 22, 237-247	3.3	13
92	A benzoate bridged dinuclear mixed valence cobalt(III/II) complex with CoIIIO4CoII core: Synthesis, structure and investigation of its phenoxazinone synthase mimicking activity. <i>Polyhedron</i> , 2020 , 177, 114290	2.7	13
91	A combined experimental and theoretical study on supramolecular assemblies in octahedral cobalt(III) salicylaldimine complexes having pendant side arms. <i>Polyhedron</i> , 2016 , 112, 86-95	2.7	13
90	Formation of novel cadmium(II) tetrazolato complexes with Schiff bases as co-ligands via in situ [3+2] cyclo-addition. <i>Polyhedron</i> , 2014 , 81, 168-179	2.7	12
89	Syntheses, crystal structures and density functional theory investigations of copper(II) complexes bearing tridentate Schiff base ligands derived from 8-aminoquinoline. <i>CrystEngComm</i> , 2015 , 17, 5664-5671	3.3	12
88	Synthesis, characterization, self-assembly and non-ohmic Schottky barrier diode behaviors of two iron(III) based semiconductors with theoretical insight. <i>CrystEngComm</i> , 2020 , 22, 5170-5181	3.3	12
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86	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> , 2020 , 22, 3005-3019	3.3	12

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