

Ashutosh Ghosh

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#	Paper	IF	Citations
278	Different supramolecular hydrogen bond structures and significant changes in magnetic properties in dinuclear μ -2-1,1-N ₃ copper(II) complexes with very similar tridentate Schiff base blocking ligands. <i>Dalton Transactions</i> , 2004 , 252-9	4.3	128
277	The crucial role of polyatomic anions in molecular architecture: structural and magnetic versatility of five nickel(II) complexes derived from a N,N,O-donor Schiff base ligand. <i>Inorganic Chemistry</i> , 2009 , 48, 5848-60	5.1	121
276	Synthesis, crystal structures, magnetic properties and catecholase activity of double phenoxido-bridged penta-coordinated dinuclear nickel(II) complexes derived from reduced Schiff-base ligands: mechanistic inference of catecholase activity. <i>Inorganic Chemistry</i> , 2012 , 51, 7993-8001	5.1	119
275	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
274	Insertion of a hydroxido bridge into a diphenoxido dinuclear copper(II) complex: drastic change of the magnetic property from strong antiferromagnetic to ferromagnetic and enhancement in the catecholase activity. <i>Inorganic Chemistry</i> , 2012 , 51, 10111-21	5.1	112
273	A unique example of structural and magnetic diversity in four interconvertible copper(II)-azide complexes with the same schiff base ligand: a monomer, a dimer, a chain, and a layer. <i>Inorganic Chemistry</i> , 2010 , 49, 6616-27	5.1	112
272	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	2.3	102
271	Unprecedented structural variations in trinuclear mixed valence Co(II/III) complexes: theoretical studies, pnictogen bonding interactions and catecholase-like activities. <i>Dalton Transactions</i> , 2015 , 44, 3862-76	4.3	99
270	Dinuclear Complexes of MII Thiocyanate (M = Ni and Cu) Containing a Tridentate Schiff-Base Ligand: Synthesis, Structural Diversity and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2376-2383	2.3	99
269	Anion-directed synthesis of metal-organic frameworks based on 2-picolinate CuII complexes: a ferromagnetic alternating chain and two unprecedented ferromagnetic fish backbone chains. <i>Inorganic Chemistry</i> , 2007 , 46, 10771-80	5.1	97
268	Antiferromagnetic porous metal-organic framework containing mixed-valence [Mn(II)4Mn(III)2(μ -O)2] ₁₀₊ units with catecholase activity and selective gas adsorption. <i>Inorganic Chemistry</i> , 2012 , 51, 4265-73	5.1	94
267	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
266	Subtle Structural Changes in (CuL)Mn Complexes To Induce Heterometallic Cooperative Catalytic Oxidase Activities on Phenolic Substrates (HL = Salen Type Unsymmetrical Schiff Base). <i>Inorganic Chemistry</i> , 2017 , 56, 5105-5121	5.1	89
265	Anion-Lone-Pair and Hydrogen-Bonding Interactions in a CuII Complex of 2-Picolinate and Protonated 4,4'-Bipyridine: Crystal Structure and Theoretical Studies. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2238-2246	2.3	87
264	Supramolecular Hydrogen-Bond Structures and Magnetic Interactions in Basal-Apical, Dinuclear, Azide-Bridged Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 3110-3117	2.3	86
263	Polymethylene spacer regulated structural divergence in cadmium complexes: Unusual trigonal prismatic and severely distorted octahedral coordination. <i>Polyhedron</i> , 2005 , 24, 593-599	2.7	86
262	Synthesis, characterisation and X-ray crystal structure of copper(II) complexes with unsymmetrical tetradentate Schiff base ligands: first evidence of Cu(II) catalysed rearrangement of unsymmetrical to symmetrical complex. <i>Polyhedron</i> , 2003 , 22, 617-624	2.7	85

261	Synthesis, structure and bonding of cadmium(II) thiocyanate systems featuring nitrogen based ligands of different denticity. <i>Inorganica Chimica Acta</i> , 2005 , 358, 535-544	2.7	81
260	Synthesis of the first heterometallic star-shaped oxido-bridged MnCu ₃ complex and its conversion into trinuclear species modulated by pseudohalides (N ₃ ⁻), NCS ⁻ and NCO ⁻): structural analyses and magnetic properties. <i>Dalton Transactions</i> , 2012 , 41, 462-73	4.3	79
259	Structural variations in Ni(II) complexes of salen type di-Schiff base ligands. <i>Polyhedron</i> , 2007 , 26, 3121-3128	3.7	79
258	(Ni(2)), (Ni(3)), and (Ni(2) + Ni(3)): a unique example of isolated and cocrystallized Ni(2) and Ni(3) complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 4817-27	5.1	74
257	A rare phenoxido/acetato/azido bridged trinuclear and an unprecedented phenoxido/azido bridged one-dimensional polynuclear nickel(II) complexes: synthesis, crystal structure, and magnetic properties with theoretical investigations on the exchange mechanism. <i>Inorganic Chemistry</i> , 2012 , 51, 8150-60	5.1	73
256	Use of metalloligands [CuL] (H ₂ L = salen type di-Schiff bases) in the formation of heterobimetallic copper(II)-uranyl complexes: photophysical investigations, structural variations, and theoretical calculations. <i>Inorganic Chemistry</i> , 2013 , 52, 7508-23	5.1	71
255	Synthesis, Crystal Structure, and Catecholase Activity of Three Trinuclear Heterometallic NiII ₂ MnII Complexes Derived from a Salen-Type Schiff Base Ligand. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2232-2242	2.3	69
254	Synthesis, crystal structure and magnetic properties of three unprecedented tri-nuclear and one very rare tetra-nuclear copper(II) Schiff-base complexes supported by mixed azido/phenoxo/nitrato or acetato bridges. <i>Dalton Transactions</i> , 2010 , 39, 7474-84	4.3	69
253	Di-, tri-, and tetranuclear nickel(II) complexes with oximato bridges: magnetism and catecholase-like activity of two tetranuclear complexes possessing rhombic topology. <i>Inorganic Chemistry</i> , 2013 , 52, 11744-57	5.1	67
252	Ferromagnetic coupling in trinuclear, partial cubane Cu(II) complexes with a micro(3)-OH core: magnetostructural correlations. <i>Chemistry - A European Journal</i> , 2007 , 13, 9297-309	4.8	67
251	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
250	Linker Stoichiometry-Controlled Stepwise Supramolecular Growth of a Flexible Cu ₂ Tb Single Molecule Magnet from Monomer to Dimer to One-Dimensional Chain. <i>Crystal Growth and Design</i> , 2014 , 14, 2588-2598	3.5	58
249	An unprecedented "linear-bent" isomerism in tri-nuclear Cu ₂ (II)Zn(II) complexes with a salen type di-Schiff base ligand. <i>Dalton Transactions</i> , 2012 , 41, 11009-17	4.3	58
248	Coordination-driven self-assembly of a novel carbonato-bridged heteromolecular neutral nickel(II) triangle by atmospheric CO ₂ fixation. <i>Inorganic Chemistry</i> , 2008 , 47, 7784-91	5.1	58
247	Anion-Directed Template Synthesis and Hydrolysis of Mono-Condensed Schiff Base of 1,3-Pentanediamine and o-Hydroxyacetophenone in NiII and CuII Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3372-3381	2.3	58
246	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
245	A Unique Example of Structural Diversity Tuned by Apparently Innocent o-, m-, and p-Nitro Substituents of Benzoate in Their Complexes of Mn(II) with 4,4'-Bipyridine: 1D Ladder, 2D Sheet, and 3D Framework. <i>Crystal Growth and Design</i> , 2011 , 11, 5305-5315	3.5	57
244	A ferromagnetic methoxido-bridged Mn(III) dimer and a spin-canted metamagnetic [(1,3)-azido-bridged chain. <i>Inorganic Chemistry</i> , 2012 , 51, 5332-41	5.1	56

243	The first metamagnetic thiocyanato-bridged one-dimensional nickel(II) complex. <i>Dalton Transactions</i> , 2007 , 2492-4	4-3	56
242	Trinuclear Cu(II) complexes containing peripheral ketonic oxygen bridges and a β -OH core: Steric influence on their structures and existence. <i>Polyhedron</i> , 2006 , 25, 3084-3094	2-7	54
241	The influence of H-bonding on the 'ambidentate' coordination behaviour of the thiocyanate ion to Cd(II): a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2014 , 43, 8007-15	4-3	53
240	The importance of an additional water bridge in making the exchange coupling of bis(η -phenoxo) dinickel(II) complexes ferromagnetic. <i>Dalton Transactions</i> , 2011 , 40, 5324-31	4-3	52
239	Rare example of μ -nitrito-1 κ ² O,O':2 κ O coordinating mode in copper(II) nitrite complexes with monoanionic tridentate Schiff base ligands: structure, magnetic, and electrochemical properties. <i>Inorganic Chemistry</i> , 2008 , 47, 11611-9	5-1	52
238	Use of a reduced Schiff-Base ligand to prepare novel chloro-bridged chains of rare Cu(II) trinuclear complexes with mixed azido/oxo and chloro/oxo bridges. <i>Inorganic Chemistry</i> , 2010 , 49, 8155-63	5-1	51
237	Influence of counter anions on the structures and magnetic properties of trinuclear Cu(II) complexes containing a β -OH core and Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2008 , 361, 161-172	2-7	51
236	Trinuclear and tetranuclear adduct formation between sodium perchlorate and copper(II) complexes of salicylaldimine type ligands: Structural characterization and theoretical investigation. <i>Inorganica Chimica Acta</i> , 2011 , 366, 219-226	2-7	50
235	Spin-Canted Antiferromagnetic Phase Transitions in Alternating Phenoxo- and Carboxylato-Bridged Mn(III)-Salen Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2075-2085	2-3	50
234	Supramolecular architecture of cadmium(II) β -terephthalate complexes having a tridentate or tetradentate Schiff base as blocking coligand. <i>Polyhedron</i> , 2005 , 24, 2963-2971	2-7	50
233	Solvent-templated supramolecular isomerism in 2D coordination polymer constructed by Ni(II)2Co(II) nodes and dicyanamido spacers: drastic change in magnetic behaviours. <i>Dalton Transactions</i> , 2013 , 42, 13554-64	4-3	48
232	Functional model for catecholase-like activity: A mechanistic approach with manganese(III) complexes of salen type Schiff base ligands. <i>Journal of Molecular Catalysis A</i> , 2012 , 365, 154-161		48
231	Differences in nuclearity, molecular shapes, and coordination modes of azide in the complexes of Cd(II) and Hg(II) with a "metallo-ligand" [CuL] (H ₂ L = N,N'-bis(salicylidene)-1,3-propanediamine): characterization in solid and in solutions, and theoretical calculations. <i>Inorganic Chemistry</i> , 2012 , 51, 12407-18	5-1	47
230	One Ferromagnetic and Two Antiferromagnetic Dinuclear Nickel(II) Complexes Derived from a Tridentate N,N,O-Donor Schiff Base Ligand: A Density Functional Study of Magnetic Coupling. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2916-2927	2-3	47
229	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
228	Construction of coordination polymers of cadmium(II) with mixed hexamethylenetetramine and terephthalate or thiocyanate ligands. <i>Polyhedron</i> , 2003 , 22, 2933-2941	2-7	47
227	Strong ferromagnetic exchange interactions in hinge-like Dy(O ₂ Cu) ₂ complexes involving double oxygen bridges. <i>Inorganic Chemistry</i> , 2015 , 54, 9543-55	5-1	45
226	Structure and magnetic properties of an unprecedented syn-anti η -nitrito-1 κ :2 κ ' bridged Mn(III)-salen complex and its isoelectronic and isostructural formate analogue. <i>Dalton Transactions</i> , 2011 , 40, 3295-304	4-3	45

225	Structural diversity in the complexes based on a hetero-trimetallic Cu ₂ Cd node and dicyanamide spacer: a hexanuclear cluster, a 1D stair polymer and a 1D zigzag chain as supramolecular isomers, and a 3D network. <i>CrystEngComm</i> , 2013 , 15, 9444	3.3	44
224	Self-Assembled Molecular Complexes and Coordination Polymers of CdII, Hexamine, and Monocarboxylates: Structural Analysis and Theoretical Studies of Supramolecular Interactions. <i>Crystal Growth and Design</i> , 2010 , 10, 1677-1687	3.5	44
223	Nickel(II) and copper(II) complexes of unsymmetrical tetradentate reduced Schiff base ligands. <i>Polyhedron</i> , 2010 , 29, 1029-1034	2.7	43
222	Self-assembly of neutral platinum-based supramolecular ensembles incorporating oxocarbon dianions and oxalate. <i>Inorganic Chemistry</i> , 2005 , 44, 7130-7	5.1	43
221	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
220	A diphenoxo bridged antiferromagnetically coupled dimer of copper(II) having bridging methanol. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 961-965	3.1	43
219	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
218	Mixed valence trinuclear cobalt (II/III) complexes: Synthesis, structural characterization and phenoxazinone synthase activity. <i>Polyhedron</i> , 2017 , 134, 99-106	2.7	41
217	A new family of trinuclear nickel(II) complexes as single-molecule magnets. <i>Chemistry - A European Journal</i> , 2013 , 19, 3943-53	4.8	41
216	Structural and magnetic studies of Schiff base complexes of nickel(II) nitrite: change in crystalline state, ligand rearrangement and a very rare μ_2 : μ_2 : μ_2 ' bridging mode. <i>Dalton Transactions</i> , 2011 , 40, 2744-56	4.3	41
215	Modulation of Nuclearity by Zn(II) and Cd(II) in Their Complexes with a Polytopic Mannich Base Ligand: A Turn-On Luminescence Sensor for Zn(II) and Detection of Nitroaromatic Explosives by Zn(II) Complexes. <i>Crystal Growth and Design</i> , 2018 , 18, 2335-2348	3.5	39
214	Exploring the coordinative adaptation and molecular shapes of trinuclear CuM(II) (M = Zn/Cd) complexes derived from salen type Schiff bases: structural and theoretical studies. <i>Dalton Transactions</i> , 2016 , 45, 5730-40	4.3	39
213	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
212	Stabilization of a helical water chain in a metal-organic host of a trinuclear Schiff base complex. <i>Inorganic Chemistry</i> , 2008 , 47, 4513-9	5.1	39
211	Anion directed templated synthesis of mono- and di-Schiff base complexes of Ni(II). <i>Polyhedron</i> , 2007 , 26, 3513-3522	2.7	39
210	Isolation of two different Ni ₂ Zn complexes with an unprecedented cocrystal formed by one of them and a "coordination positional isomer" of the other. <i>Inorganic Chemistry</i> , 2014 , 53, 434-45	5.1	36
209	Magnetic coupling in trinuclear partial cubane copper(II) complexes with a hydroxo bridging core and peripheral phenoxo bridges from NNO donor Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2010 , 363, 846-854	2.7	36
208	Cull acetate complexes involving N,N,O donor Schiff base ligands: Mono-atomic oxygen bridged dimers and alternating chains of the dimers and Cu ₂ (OAc) ₄ . <i>Polyhedron</i> , 2008 , 27, 2625-2633	2.7	36

- 207 A new tetrameric CuII cluster with square topology exhibiting ferro- and antiferromagnetic magnetic pathways : which is which?. *Chemical Communications*, **2004**, 1102-3 5.8 36
- 206 Supramolecular 2D/3D isomerism in a compound containing heterometallic Cu(II)2Co(II) nodes and dicyanamide bridges. *Inorganic Chemistry*, **2014**, 53, 2441-9 5.1 35
- 205 Variations of Structures and Phenoxazinone Synthase-like Activity of the Complexes Based on (CuII)2MnII Node and Dicyanamide Spacer. *Crystal Growth and Design*, **2017**, 17, 6809-6820 3.5 35
- 204 Synthesis and crystal structure of a heterometallic tetra-nuclear copper(II)cadmium(II) complex and its anion modulated conversion into a trinuclear species. *Polyhedron*, **2011**, 30, 676-681 2.7 35
- 203 Discrete 0D and polymeric 2D and 3D derivatives assembled from [(CuL)2Zn]2+ and dicyanamide blocks (H2L = salen type Schiff bases): Genuine supramolecular isomers with distinct topologies. *CrystEngComm*, **2014**, 16, 3029 3.3 34
- 202 Ferro- to antiferromagnetic crossover angle in diphenoxido- and carboxylato-bridged trinuclear Ni(II)Mn(II) complexes: experimental observations and theoretical rationalization. *Inorganic Chemistry*, **2014**, 53, 9296-305 5.1 33
- 201 Influence of the central metal ion in controlling the self-assembly and magnetic properties of 2D coordination polymers derived from [(NiL)2M](2+) nodes (M = Ni, Zn and Cd) (H2L = salen-type di-Schiff base) and dicyanamide spacers. *Dalton Transactions*, **2015**, 44, 1292-302 4.3 33
- 200 Copper(II) complexes of symmetrical and unsymmetrical tetradentate Schiff base ligands incorporating 1-benzoylacetone: Synthesis, crystal structures and electrochemical behavior. *Polyhedron*, **2008**, 27, 693-700 2.7 32
- 199 Facile synthesis of enantiopure chiral molecular rectangles exhibiting induced circular dichroism. *Organic Letters*, **2006**, 8, 1701-4 6.2 32
- 198 Antiferromagnetic Mixed-Valence Cu(I)Cu(II) Two-Dimensional Coordination Polymers Constructed by Double Oximate Bridged Cu(II) Dimers and CuISCN Based One-Dimensional Anionic Chains. *Crystal Growth and Design*, **2015**, 15, 3939-3949 3.5 31
- 197 Host-guest supramolecular interactions in the coordination compounds of 4,4'-azobis(pyridine) with MnX2 (X = NCS, N3, CN, N3CN, N3) and PF6(-): structural analyses and theoretical study. *Inorganic Chemistry*, **2012**, 51, 1837-51 5.1 31
- 196 Copper(II)Mercury(II) Heterometallic Complexes Derived from a Salen-Type Ligand: A New Coordination Mode of the Old Schiff Base Ligand. *Organometallics*, **2012**, 31, 3844-3850 3.8 31
- 195 Thermally induced phase transition and X-ray crystal structure of bis(N,N'-dimethyl-1,2-ethanediamine)di-isothiocyanatonickel(II). *Journal of the Chemical Society Dalton Transactions*, **1987**, 997-1000 31
- 194 Structural variations in (CuL)Ln complexes of a series of lanthanide ions with a salen-type unsymmetrical Schiff base(HL): Dy and Tb derivatives as potential single-molecule magnets. *Dalton Transactions*, **2017**, 46, 12095-12105 4.3 30
- 193 The role of 3d-4f exchange interaction in SMM behaviour and magnetic refrigeration of carbonate bridged CuLn (Ln = Dy, Tb and Gd) complexes of an unsymmetrical NO donor ligand. *Dalton Transactions*, **2019**, 48, 15170-15183 4.3 29
- 192 Hetero-metallic trinuclear nickel(II)cadmium(II) complexes of a salicyaldimine ligand with thiocyanate, cyanate and azide ions: Isolation of a pair of polymorphs with thiocyanate ion. *Inorganica Chimica Acta*, **2013**, 394, 247-254 2.7 29
- 191 Analysis of the contribution of the acidity of the s-tetrazine ring in the crystal packing of coordination polymers. *CrystEngComm*, **2013**, 15, 3031 3.3 29
- 190 Syntheses, characterization and X-ray crystal structures of Ni(II) complexes of tridentate monocondensed and tetradentate dicondensed Schiff bases. *Polyhedron*, **2009**, 28, 812-818 2.7 29

189	Nickel(II) Complexes Incorporating Pyridyl, Imine and Amino Chelate Ligands: Synthesis, Structure, Isomer Preference, Structural Transformation and Reactivity Towards Nickel(III) Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 2533-2541	2.3	29
188	Mixed azido/phenoxido bridged trinuclear Cu(ii) complexes of Mannich bases: Synthesis, structures, magnetic properties and catalytic oxidase activities. <i>Dalton Transactions</i> , 2018 , 47, 9385-9399	4.3	28
187	Facile strategies for the synthesis and crystallization of linear trinuclear nickel(II)-Schiff base complexes with carboxylate bridges: Tuning of coordination geometry and magnetic properties. <i>Polyhedron</i> , 2009 , 28, 2989-2996	2.7	28
186	Synthesis of mixed-valence hexanuclear Mn(II/III) clusters from its Mn(II) precursor: variations of catecholase-like activity and magnetic coupling. <i>Dalton Transactions</i> , 2015 , 44, 9795-804	4.3	26
185	Triple-bridged ferromagnetic nickel(II) complexes: a combined experimental and theoretical DFT study on stabilization and magnetic coupling. <i>Dalton Transactions</i> , 2014 , 43, 6455-67	4.3	26
184	Synthesis, Crystal Structures and Magnetic Properties of a Phenoxo-Bridged Dinuclear CuII Complex and a Dicyanamide Bridged Novel Molecular Rectangle Based on It. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2405-2412	2.3	26
183	Incorporation of a sodium ion guest in the host of copper(II)-Schiff-base complexes: Structural characterization and magnetic study. <i>Polyhedron</i> , 2008 , 27, 3343-3350	2.7	26
182	Isomerism in bis(diethylenetriamine)nickel(II) thiocyanate: synthesis, solid-state interconversion and X-ray crystallographic study of sym-fac and mer isomers. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 2367		26
181	Inclusion of Ln(III) in the Complexes of Co(II) with a Mannich Base Ligand: Development of Atmospheric CO Fixation and Enhancement of Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2019 , 58, 5787-5798	5.1	25
180	Ni(II) Complex of NO Donor Unsymmetrical Ligand and Its Use for the Synthesis of Ni-Mn Complexes of Diverse Nuclearity: Structures, Magnetic Properties, and Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2018 , 57, 8338-8353	5.1	25
179	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
178	A novel 1D chain of azido bridged copper(II) with a salen-type di-Schiff base ligand. <i>Journal of Molecular Structure</i> , 2012 , 1019, 32-36	3.4	25
177	Cis-trans isomerism in diphenoxido bridged dicopper complexes: role of crystallized water to stabilize the cis isomer, variation in magnetic properties and conversion of both into a trinuclear species. <i>Dalton Transactions</i> , 2012 , 41, 12200-12	4.3	25
176	A rare case of solution and solid state inter-conversion of two copper(II) dimers and a copper(II) chain. <i>Inorganica Chimica Acta</i> , 2011 , 377, 26-33	2.7	25
175	Isolation of a novel intermediate during unsymmetrical to symmetrical rearrangement of a tetradentate Schiff base ligand in a manganese(III) complex: Catalytic activity of the rearranged product towards alkene epoxidation. <i>Inorganica Chimica Acta</i> , 2011 , 365, 318-324	2.7	25
174	A Very Rare Hydrogen-Bridged Hexanuclear CuII Complex Containing a Triangular Cu ₃ O Core Capped by an Unusual Triply Coordinated Perchlorate Anion. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 807-813	2.3	25
173	Exploitation of the Flexidentate Nature of a Ligand To Synthesize Zn(II) Complexes of Diverse Nuclearity and Their Use in Solid-State Naked Eye Detection and Aqueous Phase Sensing of 2,4,6-Trinitrophenol. <i>Inorganic Chemistry</i> , 2018 , 57, 15216-15228	5.1	25
172	Control of nuclearity in heterometallic Cu-Mn complexes derived from asymmetric Schiff bases: structures and magnetic properties. <i>Dalton Transactions</i> , 2018 , 47, 3568-3579	4.3	24

171	Polymorphism in hetero-metallic tri-nuclear CuII2CdII complexes of salicylaldimine ligand: Structural analysis and theoretical study. <i>Polyhedron</i> , 2013 , 52, 1416-1424	2.7	24
170	Synthesis and Crystal Structures of μ Oxido- and μ Hydroxido-Bridged Dinuclear Iron(III) Complexes with an N2O Donor Ligand [A Theoretical Study on the Influence of Weak Forces on the FeOFe Bridging Angle. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2558-2566	2.3	24
169	Anion directed template synthesis of Cu(II) complexes of a N,N,O donor mono-condensed Schiff base ligand: A molecular scaffold forming highly ordered H-bonded rectangular grids. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3285-3291	2.7	24
168	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
167	The Impact of Anion-Modulated Structural Variations on the Magnetic Coupling in Trinuclear Heterometallic CuII2CoII Complexes Derived from a Salen-Type Schiff Base Ligand. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3341-3349	2.3	23
166	Tuning of exchange coupling by the Mn-O distance and phenoxido bridging angle: an experimental and theoretical study of the family of Mn(III) dimers with salen type ligands. <i>Dalton Transactions</i> , 2015 , 44, 12863-70	4.3	23
165	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
164	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
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