

Ashutosh Ghosh

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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.	1.2	133
2	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, 10111-10121.	1.9	133
3	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.	1.9	133
4	Different supramolecular hydrogen bond structures and significant changes in magnetic properties in dinuclear $1\frac{1}{4}$ -1,1-N3copper(II) complexes with very similar tridentate Schiff base blocking ligands. <i>Dalton Transactions</i> , 2004, , 252-259.	1.6	132
5	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, 5848-5860.	1.9	132
6	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.	1.0	126
7	Unprecedented structural variations in trinuclear mixed valence $\text{Co}(\text{II})\text{Co}(\text{III})$ complexes: theoretical studies, pnictogen bonding interactions and catecholase-like activities. <i>Dalton Transactions</i> , 2015, 44, 3862-3876.	1.6	124
8	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, 6616-6627.	1.9	115
9	Subtle Structural Changes in $(\text{Cu}^{\text{II}}\text{L})_2\text{Mn}^{\text{II}}$ Complexes To Induce Heterometallic Cooperative Catalytic Oxidase Activities on Phenolic Substrates ($\text{H}_2\text{L} = \text{Tj ETQq1 1 0.7894314 rg B14/Over}$)	1.0	114
10	First oxidative synthetic route of a novel, linear mixed valence $\text{Co}(\text{III})\text{Co}(\text{II})\text{Co}(\text{III})$ complex with bridging acetate and salen. <i>Inorganic Chemistry Communication</i> , 2006, 9, 1053-1057.	1.8	108
11	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.	1.0	104
12	Anion-Directed Synthesis of Metal-Organic Frameworks Based on 2-Picolinate Cu(II) Complexes: A Ferromagnetic Alternating Chain and Two Unprecedented Ferromagnetic Fish Backbone Chains. <i>Inorganic Chemistry</i> , 2007, 46, 10771-10780.	1.9	104
13	Antiferromagnetic Porous Metal-Organic Framework Containing Mixed-Valence $[\text{Mn}^{\text{II}}_4\text{Mn}^{\text{III}}_2(\text{L}^{\text{1/4}}_4\text{-O})_2]^{10+}$ Units with Catecholase Activity and Selective Gas Adsorption. <i>Inorganic Chemistry</i> , 2012, 51, 4265-4273.	1.0	100
14	Anion-Pairing and Hydrogen-Bonding Interactions in a Cu^{II} 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.	1.0	98
15	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.	1.0	95
16	Structural variations in Ni(II) complexes of salen type di-Schiff base ligands. <i>Polyhedron</i> , 2007, 26, 3121-3128.	1.0	94
17	Polymethylene spacer regulated structural divergence in cadmium complexes: Unusual trigonal prismatic and severely distorted octahedral coordination. <i>Polyhedron</i> , 2005, 24, 593-599.	1.0	93
18	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.	1.0	91

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19	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.	1.2	90
20	Synthesis of the first heterometallic star-shaped oxido-bridged MnCu ₃ complex and its conversion into trinuclear species modulated by pseudohalides (N ₃ ⁻), <i>Dalton Transactions</i> , 2012, 41, 462-473.	1.6	82
21	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, 8150-8160.	1.9	81
22	(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, 4817-4827.	1.9	79
23	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, 7508-7523.	1.9	79
24	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.	1.0	78
25	Synthesis, Crystal Structure, and Catecholase Activity of Three Trinuclear Heterometallic Ni ^{II} -Mn ^{II} Complexes Derived from a Salen-Type Schiff Base Ligand. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2232-2242.	1.0	78
26	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.	1.6	72
27	Di-, Tri-, and Tetranuclear Nickel(II) Complexes with Oximate Bridges: Magnetism and Catecholase-like Activity of Two Tetranuclear Complexes Possessing Rhombic Topology. <i>Inorganic Chemistry</i> , 2013, 52, 11744-11757.	1.9	72
28	Ferromagnetic Coupling in Trinuclear, Partial Cubane Cu ^{II} Complexes with a μ_3 -OH Core: Magnetostructural Correlations. <i>Chemistry - A European Journal</i> , 2007, 13, 9297-9309.	1.7	69
29	An unprecedented μ_3 -linear-bent isomerism in tri-nuclear Cu ₂ IIZnII complexes with a salen type di-Schiff base ligand. <i>Dalton Transactions</i> , 2012, 41, 11009.	1.6	69
30	A Ferromagnetic Methoxido-Bridged Mn(III) Dimer and a Spin-Canted Metamagnetic μ_3 -Azido-Bridged Chain. <i>Inorganic Chemistry</i> , 2012, 51, 5332-5341.	1.9	66
31	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.	1.0	64
32	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, 7784-7791.	1.9	63
33	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.	1.4	63
34	The first metamagnetic thiocyanato-bridged one-dimensional nickel(ii) complex. <i>Dalton Transactions</i> , 2007, , 2492.	1.6	62
35	Anion-Directed Template Synthesis and Hydrolysis of Mono-Condensed Schiff Base of 1,3-Pentanediamine and <i>o</i> -Hydroxyacetophenone in Ni ^{II} and Cu ^{II} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3372-3381.	1.0	60
36	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, 8155-8163.	1.9	60

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37	A Unique Example of Structural Diversity Tuned by Apparently Innocent <i>o</i> -, <i>m</i> -, and <i>p</i> -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.	1.4	60
38	The influence of H-bonding on the π -ambidentate™ coordination behaviour of the thiocyanate ion to Cd(<i>ii</i>): a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2014, 43, 8007-8015.	1.6	60
39	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.	4.8	59
40	Trinuclear Cu(II) complexes containing peripheral ketonic oxygen bridges and a μ_3 -OH core: Steric influence on their structures and existence. <i>Polyhedron</i> , 2006, 25, 3084-3094.	1.0	58
41	Strong Ferromagnetic Exchange Interactions in Hinge-like Dy(O ₂ Cu) ₂ Complexes Involving Double Oxygen Bridges. <i>Inorganic Chemistry</i> , 2015, 54, 9543-9555.	1.9	57
42	Influence of counter anions on the structures and magnetic properties of trinuclear Cu(II) complexes containing a μ_3 -OH core and Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2008, 361, 161-172.	1.2	56
43	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.	1.0	56
44	Rare Example of μ -Nitrito- μ_2 -O, μ_2 -O ²⁻ : μ_2 -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, 11611-11619.	1.9	55
45	The importance of an additional water bridge in making the exchange coupling of bis(μ -phenoxo) dinickel(ii) complexes ferromagnetic. <i>Dalton Transactions</i> , 2011, 40, 5324.	1.6	55
46	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.	1.0	55
47	Solvent-templated supramolecular isomerism in 2D coordination polymer constructed by NiII ₂ Coll nodes and dicyanamido spacers: drastic change in magnetic behaviours. <i>Dalton Transactions</i> , 2013, 42, 13554.	1.6	54
48	Supramolecular architecture of cadmium(II)-terephthalate complexes having a tridentate or tetradentate Schiff base as blocking coligand. <i>Polyhedron</i> , 2005, 24, 2963-2971.	1.0	53
49	Structure and magnetic properties of an unprecedented syn-anti- μ -nitrito- μ_2 -O:2 μ_2 -O bridged Mn(III)-salen complex and its isoelectronic and isostructural formate analogue. <i>Dalton Transactions</i> , 2011, 40, 3295.	1.6	52
50	Construction of coordination polymers of cadmium(II) with mixed hexamethylenetetramine and terephthalate or thiocyanate ligands. <i>Polyhedron</i> , 2003, 22, 2933-2941.	1.0	51
51	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.	1.0	51
52	Trinuclear and tetranuclear adduct formation between sodium perchlorate and copper(II) complexes of salicylaldehyde type ligands: Structural characterization and theoretical investigation. <i>Inorganica Chimica Acta</i> , 2011, 366, 219-226.	1.2	51
53	Differences in Nuclearity, Molecular Shapes, and Coordination Modes of Azide in the Complexes of Cd(II) and Hg(II) with a π -Metalloligand [CuL] (H ₂ L = Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (NN), Theoretical Calculations. <i>Inorganic Chemistry</i> , 2012, 51, 12407-12418.	1.9	51
54	Synthesis, characterization, and anion selectivity of copper(II) complexes with a tetradentate Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2006, 359, 4519-4525.	1.2	50

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55	A New Family of Trinuclear Nickel(II) Complexes as Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2013, 19, 3943-3953.	1.7	49
56	Self-Assembly of Neutral Platinum-Based Supramolecular Ensembles Incorporating Oxocarbon Dianions and Oxalate. <i>Inorganic Chemistry</i> , 2005, 44, 7130-7137.	1.9	48
57	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.	1.4	48
58	The role of 3d-4f exchange interaction in SMM behaviour and magnetic refrigeration of carbonato bridged $Cu_{12}Ln_{12}$ ($Ln = Dy, Tb$ and Gd) complexes of an unsymmetrical N_2O_4 donor ligand. <i>Dalton Transactions</i> , 2019, 48, 15170-15183.	1.6	48
59	Anion directed templated synthesis of mono- and di-Schiff base complexes of Ni(II). <i>Polyhedron</i> , 2007, 26, 3513-3522.	1.0	47
60	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.	1.2	47
61	Mixed valence trinuclear cobalt (II/III) complexes: Synthesis, structural characterization and phenoxazinone synthase activity. <i>Polyhedron</i> , 2017, 134, 99-106.	1.0	47
62	Nickel(II) and copper(II) complexes of unsymmetrical tetradentate reduced Schiff base ligands. <i>Polyhedron</i> , 2010, 29, 1029-1034.	1.0	46
63	Structural diversity in the complexes based on a hetero-trimetallic Cu_2Cd 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.	1.3	46
64	Variations of Structures and Phenoxazinone Synthase-like Activity of the Complexes Based on $(Cu^{II})_2Mn^{II}$ Node and Dicyanamide Spacer. <i>Crystal Growth and Design</i> , 2017, 17, 6809-6820.	1.4	46
65	Structural and magnetic studies of Schiff base complexes of nickel(ii) nitrite: change in crystalline state, ligand rearrangement and a very rare $1/4$ -nitrito- $1^{\circ}O:2^{\circ}N:3^{\circ}O$ bridging mode. <i>Dalton Transactions</i> , 2011, 40, 2744.	1.6	45
66	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.	1.2	45
67	Exploring the coordinative adaptation and molecular shapes of trinuclear Cu_2M^{II} ($M = Tj$) $ETQq1$ complexes. <i>Inorganic Chemistry Communications</i> , 2016, 45, 5730-5740.	1.6	45
68	Self-Assembled Molecular Complexes and Coordination Polymers of Cd^{II} , Hexamine, and Monocarboxylates: Structural Analysis and Theoretical Studies of Supramolecular Interactions. <i>Crystal Growth and Design</i> , 2010, 10, 1677-1687.	1.4	44
69	Isolation of Two Different Ni_2Zn Complexes with an Unprecedented Cocrystal Formed by One of Them and a Coordination Positional Isomer of the Other. <i>Inorganic Chemistry</i> , 2014, 53, 434-445.	1.9	44
70	A diphenoxo bridged antiferromagnetically coupled dimer of copper(II) having bridging methanol. <i>Inorganic Chemistry Communication</i> , 2003, 6, 961-965.	1.8	43
71	Cu 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.	1.0	43
72	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.	1.9	42

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73	Structural variations in $(CuL)_2Ln$ complexes of a series of lanthanide ions with a salen-type unsymmetrical Schiff base (H_2L): Dy and Tb derivatives as potential single-molecule magnets. <i>Dalton Transactions</i> , 2017, 46, 12095-12105.	1.6	41
74	Inclusion of Ln(III) in the Complexes of Co(II) with a Mannich Base Ligand: Development of Atmospheric CO_2 Fixation and Enhancement of Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2019, 58, 5787-5798.	1.9	41
75	Discrete 0D and polymeric 2D and 3D derivatives assembled from $[(CuL)_2Zn]^{2+}$ and dicyanamide blocks (H_2L = salen type Schiff bases): Genuine supramolecular isomers with distinct topologies. <i>CrystEngComm</i> , 2014, 16, 3029.	1.3	40
76	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) (H_2L = salen-type di-Schiff base) and dicyanamide spacers. <i>Dalton Transactions</i> , 2015, 44, 1292-1302.	1.6	40
77	Stabilization of a Helical Water Chain in a Metal-Organic Host of a Trinuclear Schiff Base Complex. <i>Inorganic Chemistry</i> , 2008, 47, 4513-4519.	1.9	39
78	Copper(II)–Mercury(II) Heterometallic Complexes Derived from a Salen-Type Ligand: A New Coordination Mode of the Old Schiff Base Ligand. <i>Organometallics</i> , 2012, 31, 3844-3850.	1.1	39
79	A new tetrameric Cu_4 cluster with square topology exhibiting ferro- and antiferromagnetic magnetic pathways: which is which?. <i>Chemical Communications</i> , 2004, 1102-1103.	2.2	38
80	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.	1.2	38
81	Ferro- to Antiferromagnetic Crossover Angle in Diphenoxido- and Carboxylato-Bridged Trinuclear Ni_2Mn Complexes: Experimental Observations and Theoretical Rationalization. <i>Inorganic Chemistry</i> , 2014, 53, 9296-9305.	1.9	37
82	Supramolecular 2D/3D Isomerism in a Compound Containing Heterometallic Cu_2Co Nodes and Dicyanamide Bridges. <i>Inorganic Chemistry</i> , 2014, 53, 2441-2449.	1.9	37
83	Antiferromagnetic Mixed-Valence $Cu(I)-Cu(II)$ Two-Dimensional Coordination Polymers Constructed by Double Oximate Bridged $Cu(II)$ Dimers and $CuSCN$ Based One-Dimensional Anionic Chains. <i>Crystal Growth and Design</i> , 2015, 15, 3939-3949.	1.4	37
84	Synthesis and crystal structure of a heterometallic tetra-nuclear copper(II)–cadmium(II) complex and its anion modulated conversion into a trinuclear species. <i>Polyhedron</i> , 2011, 30, 676-681.	1.0	36
85	Facile synthesis of a new $Cu(II)$ complex with an unsymmetrical ligand and its use as an O_3 donor metalloligand in the synthesis of $Cu(II)-Mn(II)$ complexes: structures, magnetic properties, and catalytic oxidase activities. <i>Dalton Transactions</i> , 2020, 49, 1276-1291.	1.6	35
86	Host–Guest Supramolecular Interactions in the Coordination Compounds of 4,4'-Azobis(pyridine) with MnX_2 ($X = NCS, NCNCN$, and PF_6): Structural Analyses and Theoretical Study. <i>Inorganic Chemistry</i> , 2012, 51, 1837-1851.	1.9	34
87	Hetero-metallic trinuclear nickel(II)–cadmium(II) complexes of a salicylaldimine ligand with thiocyanate, cyanate and azide ions: Isolation of a pair of polymorphs with thiocyanate ion. <i>Inorganica Chimica Acta</i> , 2013, 394, 247-254.	1.2	34
88	Synthesis, crystal structure and magnetic properties of two alternating double $1/4, 1, 1, 1$ and $1/4, 1, 3$ azido bridged $Cu(II)$ and $Ni(II)$ chains. <i>Dalton Transactions</i> , 2014, 43, 12414-12421.	1.6	34
89	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.	1.0	33
90	Facile Synthesis of Enantiopure Chiral Molecular Rectangles Exhibiting Induced Circular Dichroism. <i>Organic Letters</i> , 2006, 8, 1701-1704.	2.4	33

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91	Copper(II) complexes of symmetrical and unsymmetrical tetradentate Schiff base ligands incorporating 1-benzoylacetone: Synthesis, crystal structures and electrochemical behavior. <i>Polyhedron</i> , 2008, 27, 693-700.	1.0	33
92	Analysis of the contribution of the π -acidity of the s-tetrazine ring in the crystal packing of coordination polymers. <i>CrystEngComm</i> , 2013, 15, 3031.	1.3	33
93	<i>In situ</i> transformation of a tridentate to a tetradentate unsymmetric Schiff base ligand <i>via</i> deaminative coupling in Ni(N_2O_3) complexes: crystal structures, magnetic properties and catecholase activity study. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 247-259.	3.0	33
94	Joining of Trinuclear Heterometallic $\text{Cu}^{\text{II}}_2\text{M}^{\text{II}}$ (M = Mn, Cd) Nodes by Nicotinate to Form 1D Chains: Magnetic Properties and Catalytic Activities. <i>Inorganic Chemistry</i> , 2020, 59, 14989-15003.	1.9	33
95	Thermally induced phase transition and X-ray crystal structure of bis(N,N'-dimethyl-1,2-ethanediamine)di-isothiocyanatonickel(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 997-1000.	1.1	32
96	Control of nuclearity in heterometallic $\text{Cu}^{\text{II}}_2\text{Mn}^{\text{II}}$ complexes derived from asymmetric Schiff bases: structures and magnetic properties. <i>Dalton Transactions</i> , 2018, 47, 3568-3579.	1.6	32
97	Ni(II) Complex of N_2O_3 Donor Unsymmetrical Ligand and Its Use for the Synthesis of $\text{Ni}^{\text{II}}_2\text{Mn}^{\text{II}}$ Complexes of Diverse Nuclearity: Structures, Magnetic Properties, and Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2018, 57, 8338-8353.	1.9	32
98	Mixed azido/phenoxido bridged trinuclear $\text{Cu}^{\text{II}}_2\text{Mn}^{\text{II}}$ complexes of Mannich bases: Synthesis, structures, magnetic properties and catalytic oxidase activities. <i>Dalton Transactions</i> , 2018, 47, 9385-9399.	1.6	32
99	Family of Isomeric $\text{Cu}^{\text{II}}_2\text{Ln}^{\text{III}}$ (Ln = Gd, Tb, and Dy) Complexes Presenting Field-Induced Slow Relaxation of Magnetization Only for the Members Containing Gd^{III} . <i>Inorganic Chemistry</i> , 2021, 60, 438-448.	1.9	32
100	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.	1.2	31
101	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.	1.0	30
102	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.	1.0	30
103	Tri- and hexa-nuclear $\text{Ni}^{\text{II}}_2\text{Mn}^{\text{II}}$ complexes of a N_2O_2 donor unsymmetrical ligand: synthesis, structures, magnetic properties and catalytic oxidase activities. <i>Dalton Transactions</i> , 2018, 47, 13957-13971.	1.6	30
104	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.	1.2	29
105	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.	1.8	29
106	Synthesis of mixed-valence hexanuclear $\text{Mn}^{\text{II/III}}$ clusters from its Mn^{II} precursor: variations of catecholase-like activity and magnetic coupling. <i>Dalton Transactions</i> , 2015, 44, 9795-9804.	1.6	29
107	SMM behaviour of heterometallic dinuclear $\text{Cu}^{\text{II}}\text{Ln}^{\text{III}}$ (Ln = Tb and Dy) complexes derived from N_2O_3 donor unsymmetrical ligands. <i>New Journal of Chemistry</i> , 2020, 44, 6197-6205.	1.4	29
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