

Debashis Ray

List of Publications by Year in descending order

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172386

29
h-index

276775

41
g-index

111
all docs

111
docs citations

111
times ranked

1902
citing authors

#	ARTICLE	IF	CITATIONS
1	A family of mononuclear manganese(IV) complexes: an MnIVO ₄ N ₂ sphere assembled via phenolate-imine-carboxylate coordination. <i>Inorganic Chemistry</i> , 1990, 29, 2423-2428.	1.9	95
2	Self-Assembly of an Azido-Bridged [Ni ^{II}] ₆ Cluster Featuring Four Fused Defective Cubanes. <i>Inorganic Chemistry</i> , 2008, 47, 3465-3467.	1.9	71
3	Tetranuclear Cu(II) complex supported by a central 1,1,3,3 azide bridge. <i>Chemical Communications</i> , 2006, , 3181-3183.	2.2	67
4	Substituted m-phenylene bridges as strong ferromagnetic couplers for Cu ^{II} "bridge" Cu ^{II} magnetic interactions: new perspectives. <i>Chemical Communications</i> , 2005, , 5172.	2.2	65
5	New 1,4-Oxido-Bridged Copper Benzoate Quasi-Tetrahedron and Bis-1,3-Hydroxido-Bridged Copper Azide and Copper Thiocyanate Stepped Cubanes: Core Conversion, Structural Diversity, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 6575-6585.	1.9	60
6	Isomer preference of oxidation states. Chemistry of the bis(triphenylphosphine)bis(xanthato)osmium(z) (z = 0, +) family. <i>Inorganic Chemistry</i> , 1991, 30, 410-417.	1.9	59
7	A Novel 1,4-Oxo Bridged Copper Tetrahedron Derived by Self-Assembly: A First Example of Double Helical Bis(Tridentate) Coordination of a Hexadentate Amine Phenol Ligand. <i>Inorganic Chemistry</i> , 2004, 43, 4787-4789.	1.9	55
8	[NaCu ₄] Cluster from Alkali Template Assembly of Two Asymmetric End-On Azido-Bridged [Cu ₂] Units. <i>Inorganic Chemistry</i> , 2006, 45, 3143-3145.	1.9	50
9	New Phenoxido-Bridged Quasi-Tetrahedral and Rhomboidal [Cu ₄] Compounds Bearing 1,4-Oxido or 1,1,1-Azido Ligands: Synthesis, Chemical Reactivity, and Magnetic Studies. <i>Inorganic Chemistry</i> , 2011, 50, 3922-3933.	1.9	49
10	Interaction with DNA of a heteronuclear [Na ₂ Cu ₄] coordination cluster obtained from the assembly of two hydroxo-bridged [Cu ₂] units by a dimeric sodium nitrate template. <i>Dalton Transactions</i> , 2009, , 9183.	1.6	47
11	Self-Assembled Tetra- and Pentanuclear Nickel(II) Aggregates From Phenoxido-Based Ligand -Bound {Ni ₂ } Fragments: Carboxylate Bridge Controlled Structures. <i>Inorganic Chemistry</i> , 2013, 52, 13894-13903.	1.9	46
12	A New Family of Ni ₄ and Ni ₆ Aggregates from the Self-Assembly of [Ni ₂] Building Units: Role of Carboxylate and Carbonate Bridges. <i>Inorganic Chemistry</i> , 2015, 54, 4709-4723.	1.9	46
13	Nickel(III)-sulfur binding. Chemistry of the tris(xanthate) family. <i>Inorganic Chemistry</i> , 1990, 29, 4603-4611.	1.9	44
14	Unique Asymmetric (Cu ₄) Double-Stranded Helicate from a Hexadentate Piperazine-Based Ligand: A Ligand Conformation Isomerism upon Coordination. <i>Inorganic Chemistry</i> , 2006, 45, 505-507.	1.9	42
15	Synthesis and structural characterization of a triply bridged copper(II)-zinc(II) Schiff base complex with N ₂ O coordination. <i>Inorganic Chemistry Communication</i> , 1998, 1, 152-154.	1.8	39
16	Iron(III) induced 2-phenyl imidazolidine ring hydrolysis of a new binucleating Schiff base ligand: X-ray structure of the mononuclear Fe(III)(NNO) ₂ end product. <i>Inorganica Chimica Acta</i> , 2005, 358, 437-443.	1.2	39
17	New [LNi ₂] ⁺ Complexes Incorporating 2-Formyl or 2,6-Diformyl-4-methyl Phenol as Inhibitors of the Hydrolysis of the Ligand L ₃ : A Ni ^{II} -Ni ^{II} Ferromagnetic Coupling and S = 2 Ground States. <i>Inorganic Chemistry</i> , 2007, 46, 5727-5733.	1.9	39
18	Double-CO ₃ ²⁻ Centered [Co ^{II}] ₅ Wheel and Modeling of Its Magnetic Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 13825-13833.	1.7	38

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19	$\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ -N,N'-Imidazolidine-Bridged Dicopper(II/III) Complexes of a New Dinucleating $\frac{1}{4}$ -Bis(tetradentate) Schiff Base Ligand: Synthesis, Structural Characterization, ¹ H NMR Spectroscopy, and Magnetic Coupling. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2526-2535.	1.0	37
20	Two Types of Hexanuclear Partial Tetracubane [Ni ₄ Ln ₂] (Ln = Dy, Tb, Ho) Complexes of Thioether-Based Schiff Base Ligands: Synthesis, Structure, and Comparison of Magnetic Properties. <i>Inorganic Chemistry</i> , 2019, 58, 12184-12198.	1.9	37
21	Structure and dimensionality of coordination complexes correlated to piperazine conformation: from discrete [Cu ₂] and [Cu ₄] complexes to a $\frac{1}{4}$ -1,3-N ₃ ^â bridged [Cu ₂] _n chain. <i>Dalton Transactions</i> , 2009, , 1352.	1.6	36
22	Coordination induced fluorescence enhancement and construction of a Zn ₃ constellation through hydrolysis of ligandimine arms. <i>Dalton Transactions</i> , 2012, 41, 1889-1896.	1.6	36
23	Self-assembly of a face-shared partial double cubane supported by alkoxy terminal and bridging ligands. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1202-1205.	1.8	35
24	Novel Layering of Aqua and Imidazolidinyl Phenolate Bridged Cationic [Cu ^{II}] ₂ ($\frac{1}{4}$ -L)($\frac{1}{4}$ -H ₂ O) ₂ Units Over Cu ^I -NCS Based One-Dimensional Anionic Parallel Chains as Diamagnetic Coordination Framework Host. <i>Crystal Growth and Design</i> , 2009, 9, 4032-4040.	1.4	35
25	Design, synthesis and crystal structure determination of dinuclear copper-based potential chemotherapeutic drug entities; in vitro DNA binding, cleavage studies and an evaluation of genotoxicity by micronucleus test and comet assay. <i>MedChemComm</i> , 2013, 4, 394-405.	3.5	35
26	Sulfur-ligated nickel oxidation states. Chemistry of a family of Ni _z S ₂ N ₄ (z = +2, +3, +4) complexes incorporating hexadentate thioether-imine-oxime binding. <i>Inorganic Chemistry</i> , 1991, 30, 4354-4360.	1.9	34
27	Competitive coordination aggregation for V-shaped [Co ₃] and disc-like [Co ₇] complexes: synthesis, magnetic properties and catechol oxidase activity. <i>Dalton Transactions</i> , 2016, 45, 13576-13589.	1.6	33
28	Structure and properties of a new double-stranded tetranuclear [Cu ₂] ₂ helicate. <i>Chemical Communications</i> , 2006, , 671.	2.2	31
29	A novel [Cu ₄] cluster from the assembly of two [Cu ₂ L] ₂ units by a central μ_4 -1,1,2,2 perchlorate ligand. <i>Dalton Transactions</i> , 2008, , 861-864.	1.6	31
30	Two Cu ₂ and Zn ₂ Metallamacrocycles Featuring a Novel Extended π -Conjugated Carbazole Bridge. <i>Inorganic Chemistry</i> , 2007, 46, 2947-2949.	1.9	28
31	[Cu ₄] Clusters From the Self-Assembly of Two Imidazolidinyl 2-Phenolate-Bridged [Cu ₂] Units: The Role of the Chloride Bridge. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1644-1653.	1.0	28
32	Anion coordination selective [Mn ₃] and [Mn ₄] assemblies: synthesis, structural diversity, magnetic properties and catechol oxidase activity. <i>Dalton Transactions</i> , 2015, 44, 11741-11754.	1.6	28
33	Aqua bridged Cu ₂ dimer of a heptadentate N ₄ O ₃ coordinating ligand: Synthesis, structure and magnetic properties. <i>Polyhedron</i> , 2009, 28, 987-993.	1.0	27
34	Trivalent nickel. The quinone oximate family: synthesis and redox regulation of isomerism and ligand redistribution. <i>Inorganic Chemistry</i> , 1988, 27, 3292-3297.	1.9	26
35	Central imidazolidine ring hydrolysis of a binucleating amine phenol ligand during complex formation with manganese(III): synthesis, structure and electron transfer properties of mononuclear MnN ₄ O ₂ complex. <i>Inorganica Chimica Acta</i> , 2004, 357, 3556-3562.	1.2	26
36	A new [Ni ₄] distorted cubane assembly on four solvent derived $\frac{1}{4}$ -OMe corners: Solvent dependent formation and cleavage of exogenous bridges. <i>Polyhedron</i> , 2008, 27, 2372-2378.	1.0	26

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37	Self-assembly of a [Ni ₈] carbonate cube incorporating four $\frac{1}{4}$ -carbonato linkers through fixation of atmospheric CO ₂ by ligated [Ni ₂] complexes. Dalton Transactions, 2014, 43, 1970-1973.	1.6	23
38	Ligand dependent self-assembly of hydroxido-bridged dicopper units templated by sodium ion. Dalton Transactions, 2013, 42, 12495.	1.6	22
39	Bis- and tris-chelates of NiII, CuII, CoII and FeIII bound to N,N-dialkyl/alkyl aryl-N ² -benzoylthiourea ligands. Inorganica Chimica Acta, 2014, 414, 127-133.	1.2	22
40	Nickel complexes of tridentate ligands incorporating thioether and triazene-1-oxide functions. Synthesis, structure and metal redox. Polyhedron, 1993, 12, 2325-2329.	1.0	21
41	Coordination induced 2-(2-hydroxyphenyl) imidazolidine ring hydrolysis of dinucleating amine-imine-phenol ligands: X-ray structures of hardness-matched mononuclear cobalt(III) complexes as end products having isomeric N4O2 coordination spheres. Polyhedron, 2006, 25, 702-710.	1.0	21
42	Atmospheric CO ₂ fixation leads to a unique bridged complex and coordination induced ligand hydrolysis to a [CuII] complex. Polyhedron, 2006, 25, 2791-2799.	1.0	21
43	A ketone oximate based cyclic cationic [NiII ₄] inverse metallocrown from simultaneous chelation and bridging of two ligands. Dalton Transactions, 2007, , 1989.	1.6	21
44	Dinuclear nickel complexes of divergent Ni-Ni separation showing ancillary ligand addition and bio-macromolecular interaction. New Journal of Chemistry, 2016, 40, 2268-2279.	1.4	21
45	Selective Coordination of Self-Assembled Hexanuclear [Ni ₄ Ln ₂] and [Ni ₂ Mn ₂ Ln ₂] (Ln = Dy ^{III} , Tb ^{III} , and Tj) ETQq1 1 0.784314 rgBT /Ove Chemistry, 2020, 59, 17929-17944.	1.9	21
46	Trivalent nickel: sulfur coordination (NiN ₂ O ₂ S ₂) vs. oxygen coordination (NiN ₂ O ₄). Inorganic Chemistry, 1986, 25, 2674-2676.	1.9	20
47	Thioether-ligated nickel. Synthesis, x-ray crystal structure and redox behaviour of complexes of hexadentate ligands incorporating thioether and triazene-1-oxide functions. Polyhedron, 1993, 12, 291-296.	1.0	20
48	Copper(II) complexes of piperazine based ligand: Synthesis, crystal structure, protein binding and evaluation of anti-cancerous therapeutic potential. Inorganica Chimica Acta, 2014, 418, 30-41.	1.2	19
49	Dinuclear and heptanuclear nickel(II) complexes: Anion coordination induced ligand arm hydrolysis and aggregation around a nickel(II) core. Polyhedron, 2013, 53, 32-39.	1.0	18
50	Dangling and Hydrolyzed Ligand Arms in [Mn ₃] and [Mn ₆] Coordination Assemblies: Synthesis, Characterization, and Functional Activity. Inorganic Chemistry, 2017, 56, 2639-2652.	1.9	18
51	Unusually Distorted Pseudo-Octahedral Coordination Environment Around Co ^{II} from Thioether Schiff Base Ligands in Dinuclear [CoLn] (Ln = La, Gd, Tb, Dy, Ho) Complexes: Synthesis, Structure, and Understanding of Magnetic Behavior. Inorganic Chemistry, 2020, 59, 2387-2405.	1.9	18
52	Isothiocyanato and azido coordination induced structural diversity in zinc(ζ) complexes with Schiff base containing tetrahydrofuran group: synthesis, characterization, crystal structure and fluorescence study. RSC Advances, 2014, 4, 65044-65055.	1.7	17
53	Synthesis and Crystal Structure of a Novel Binucleating Symmetrical $\frac{1}{4}$ -Bis(tetradentate) Schiff Base Ligand: Syntheses and Redox Properties of Dimanganese(III/III) Complexes. European Journal of Inorganic Chemistry, 2001, 2001, 2823.	1.0	15
54	New Mixed-Metal Aggregates Derived From Dinickel Complexes on a 2-Formylphenolate Template: Counteranion Dependent Formation of 1D Chain and Discrete NaNi ₂ Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 5360-5368.	1.0	15

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55	1,1-Azido bridge driven aggregation of a centrosymmetric trinuclear linear CoIIICoIIICoIII complex. <i>Inorganic Chemistry Communication</i> , 2007, 10, 657-660.	1.8	15
56	Novel anion-tunable structural diversity and new topologies in CuII complexes of a Schiff base. <i>Polyhedron</i> , 2015, 88, 90-100.	1.0	15
57	Unique trapping of paddlewheel copper(II) carboxylate by ligand-bound {Cu ₂ } fragments for [Cu ₆] assembly. <i>Dalton Transactions</i> , 2016, 45, 6928-6938.	1.6	15
58	Bis(3,5-dimethylpyrazole-1-carbodithioato) Nickel(II) and Its Transformation to a Dinuclear Complex: Crystal Structure of [Ni ₂ ($\frac{1}{4}$ -3,5-Me ₂ Pz) ₂ (L1) ₂] (L1 = 3,5-dimethylpyrazole-1-carbodithioate). <i>Inorganic Chemistry</i> , 2001, 40, 1057-1059.	1.9	14
59	A chair-piperazine bridged N,N-dimethylformamide coordinated dicopper(II/II) complex obtained via solution transformation of heterocyclic imidazolidine spacer of a new ligand. <i>Inorganic Chemistry Communication</i> , 2004, 7, 1242-1245.	1.8	14
60	Azido, Cyanato, and Thiocyanato Coordination Induced Distortions in Pentacoordinated [Co ^{II} (bip)] ₂ (A = NCS ⁻ , N ₃ ⁻ , or Tj ETQq Q. OrgBT / Overlock 10	1.0	14
61	Trapping of a Pseudotetrahedral Co ^{II} O ₄ Core in Mixed-Valence Mixed-Geometry [Co ₅] Coordination Aggregates: Synthetic Marvel, Structures, and Magnetism. <i>Inorganic Chemistry</i> , 2018, 57, 13176-13187.	1.9	14
62	Anion coordination directed synthesis patterns for [Ni ₄] aggregates: structural changes for thiocyanate coordination and ligand arm hydrolysis. <i>New Journal of Chemistry</i> , 2018, 42, 16717-16728.	1.4	14
63	Octanuclear Ni ₄ Ln ₄ Coordination Aggregates from Schiff Base Anion Supports and Connecting of Two Ni ₂ Ln ₂ Cubes: Syntheses, Structures, and Magnetic Properties. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2731-2741.	1.7	14
64	A dodecanuclear copper(II) cage self-assembled from six dicopper building units. <i>Dalton Transactions</i> , 2014, 43, 4076-4085.	1.6	13
65	Two types of nitrito support for $\frac{1}{4}$ -oxido-bridged [Cu ₄] complexes: synthesis, crystal structures, magnetic properties and DFT analysis. <i>Dalton Transactions</i> , 2015, 44, 6107-6117.	1.6	13
66	Carboxylate Coordination Assisted Aggregation for Quasi-Tetrahedral and Partial-Dicubane [Cu ₄] Coordination Clusters. <i>ChemistrySelect</i> , 2016, 1, 64-75.	0.7	13
67	Dissymmetry of an exogenous bridging ligand facilitates the assembly of a ferromagnetic and chiral [CuII] complex. <i>Dalton Transactions</i> , 2009, , 256-258.	1.6	12
68	Self-assembly of a pentanuclear {Cu ₅ } complex resulting from the trapping of a Cu ²⁺ ion by two {Cu ₂ } building units. <i>Polyhedron</i> , 2013, 54, 196-200.	1.0	12
69	Hydroxido-Supported and Carboxylato Bridge-Driven Aggregation for Discrete [Ni ₄] and Interconnected [Ni ₂] _n Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 10783-10792.	1.9	12
70	Trapping of a Methanoato Bridge in μ_3 -1,3,3 Mode for [Cu ₄] Aggregate Formation: Synthesis, Steric Control on Nuclearity, Antimicrobial Activity, and DNA-Interaction Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 769-779.	1.0	12
71	Thioether sulfur-bound [Cu ₂] complexes showing catechol oxidase activity and DNA cleaving behaviour. <i>Dalton Transactions</i> , 2019, 48, 1292-1313.	1.6	12
72	Self-assembled octanuclear [Ni ₅ Ln ₃] (Ln = Dy, Tb and Ho) complexes: synthesis, coordination induced ligand hydrolysis, structure and magnetism. <i>Dalton Transactions</i> , 2020, 49, 7968-7976.	1.6	12

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73	[(Tmp)Co ₂ L] Complexes through Preassembly on 2,6-Diformyl- and 2,6-Bis(benzylimino)-4-methylphenolate Templates. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4762-4769.	1.0	11
74	Use of azidonaphthalimide carboxylic acids as fluorescent templates with a built-in photoreactive group and a flexible linker simplifies protein labeling studies: applications in selective tagging of HCAII and penicillin binding proteins. <i>Chemical Communications</i> , 2017, 53, 13015-13018.	2.2	11
75	New μ_4 -hydroxido-bridged copper nitrate dimer and μ_4 -oxido-bridged copper phenylacetate quasi-tetrahedron: Direct synthesis and uphill conversion. <i>Polyhedron</i> , 2013, 52, 370-376.	1.0	10
76	Fluorometric sensing of thiocyanate ions and competitive binding of anions in a family of CdII complexes of a phenol based ligand showing diverse structures. <i>Polyhedron</i> , 2012, 44, 113-123.	1.0	9
77	Direct C–N Coupling in an in Situ Ligand Transformation and the Self-Assembly of a Tetrametallic [Ni ^{II}] ₄ Staircase. <i>Inorganic Chemistry</i> , 2015, 54, 5136-5138.	1.9	9
78	Pseudohalide supported mononuclear trans-NiII complexes of cationic and neutral dinitrogen heterocycles. <i>Inorganica Chimica Acta</i> , 2010, 363, 3041-3047.	1.2	8
79	Mono and bimetallic CoIII Schiff base complexes: Coordination induced ligand imidazolidine ring cleavage and stabilization. <i>Inorganica Chimica Acta</i> , 2011, 372, 160-167.	1.2	8
80	A family of [Cu ₂], [Cu ₄] and [Cu ₅] aggregates: alteration of reaction conditions, ancillary bridges and capping anions. <i>New Journal of Chemistry</i> , 2018, 42, 14349-14364.	1.4	8
81	Carboxylate-Decorated Aggregation of Octanuclear Co ₄ Ln ₄ (Ln = Dy, Ho, Yb) Complexes from Ligand-Controlled Hydrolysis: Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 11129-11139.	1.9	8
82	Reaction Medium pH Dependent Existence of Mn ^{II} Bound [ON] Donor Zwitterionic Chelating Ligand and Self-Assembly of Hydroxido-Bridged Mn ^{II} ₄ Cluster. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2530-2536.	1.0	6
83	Synthesis, characterization, magnetism and theoretical analysis of hetero-metallic [Ni ₂ Ln ₂] partial di-cubane assemblies. <i>Dalton Transactions</i> , 2021, 50, 12517-12527.	1.6	6
84	Hydroxido supported and differently networked octanuclear Ni ₆ Ln ₂ [Ln = Gd ^{III} and Dy ^{III}] complexes: structural variation, magnetic properties and theoretical insights. <i>Dalton Transactions</i> , 2021, 50, 5023-5035.	1.6	6
85	Synthetic diversity and change in nuclearity in [Co ^{II} Dy] coordination aggregates: bridge removal, solvent induced structural reorganization and AC susceptibility measurements. <i>Dalton Transactions</i> , 2020, 49, 7576-7591.	1.6	5
86	Imidazolidine ring as a reduced heterocyclic spacer in a new all-N-donor μ_4 -bis (bidentate) Schiff base ligand: Synthesis, characterization and electron transfer properties of imidazolidine-bridged dicopper complexes. <i>Journal of Chemical Sciences</i> , 2004, 116, 151-158.	0.7	4
87	Aqua bridge cleavage and metal ion extrusion by thiocyanate anions in a dicopper complex. <i>Inorganica Chimica Acta</i> , 2011, 370, 108-116.	1.2	4
88	Hydrolysis on Di-Schiff Base Ligand During Dinuclear Ni(II) Complex Formation: Synthesis, Crystal Structures and Magneto-Structural Correlation Studies. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2014, 84, 189-196.	0.8	4
89	Strategic synthesis of [Cu ₂], [Cu ₄] and [Cu ₅] complexes: inhibition and triggering of ligand arm hydrolysis and self-aggregation by chosen ancillary bridges. <i>Dalton Transactions</i> , 2018, 47, 17160-17176.	1.6	4
90	Rapid Fluorescent-Based Detection of New Delhi Metallo- β -Lactamases by Photo-Cross-Linking Using Conjugates of Azidonaphthalimide and Zinc(II)-Chelating Motifs. <i>ACS Omega</i> , 2019, 4, 10891-10898.	1.6	4

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91	Inhibition of ligand arm hydrolysis and carboxylate coordination directed formation of μ_4 -oxido-bridged [Cu ₄] complexes: Synthesis, X-ray structure and functional activity. <i>Inorganica Chimica Acta</i> , 2019, 485, 140-154.	1.2	4
92	Metal ion substitution and aldehyde exchange for Cu ₄ aggregates from two types of piperazine-based Schiff base ligands: Synthesis, X-ray structures, magnetic studies and theoretical validation. <i>Inorganica Chimica Acta</i> , 2020, 503, 119439.	1.2	4
93	Exploration of varying coordination reactivity of Schiff base H3L toward Cd ^{II} , Zn ^{II} and Mg ^{II} : Hydroxido-bridged dimer, acetato-directed chain and live cell-imaging. <i>Polyhedron</i> , 2021, 205, 115288.	1.0	4
94	Copper Complex of an Iminodioxabicyclo[3.3.1]nonane Pendant Ligand: The First Example of Iminodioxocin Bridgehead Nitrogen Coordination. <i>Inorganic Chemistry</i> , 2006, 45, 8826-8828.	1.9	3
95	Entrapment of a Pseudo-Tetrahedral Co ^{II} Center by Thioether Sulfur Bound {Co ₂ (μ_4 -L)} Fragments: Synthesis, Field-Induced Single-Ion Magnetism and Catechol Oxidase Mimicking Activity. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3898-3914.	1.7	3
96	From tetranuclear to pentanuclear [Co ⁿ -Ln] (Ln = Gd, Tb, Dy, Ho) complexes across the lanthanide series: effect of varying sequence of ligand addition. <i>Dalton Transactions</i> , 2021, 50, 11861-11877.	1.6	3
97	Sterically hindering the trajectory of nucleophilic attack towards <i>p</i> -benzynes by a properly oriented hydrogen atom: an approach to achieve regioselectivity. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5148-5154.	1.5	3
98	Synthesis and characterisation of phenoxo bridged dinuclear complexes of copper(II). <i>Journal of Chemical Sciences</i> , 1995, 107, 273-279.	0.7	3
99	Dicopper(II) complexes with sulphur bridge: Syntheses, spectral and electrochemical properties. <i>Journal of Chemical Sciences</i> , 1998, 110, 517-526.	0.7	3
100	Ligand exchange reaction in open-face [Cu ₄ (μ_3 -OH) ₂] cubane aggregates: Synthesis, structural change and difference in magnetic interactions. <i>Polyhedron</i> , 2018, 146, 136-144.	1.0	2
101	Coordination control of a semicarbazide Schiff base ligand for spontaneous aggregation of a Ni ₂ -Ln ₂ cubane family: influence of ligand arms and carboxylate bridges on the organization of the magnetic core. <i>New Journal of Chemistry</i> , 2020, 44, 4812-4821.	1.4	2
102	Dicopper(II/III) complexes of an amine phenol hexadentate ligand showing μ_4 -bis(tridentate) coordination: EPR spectral model of binuclear Cu ^I centre of nitrous oxide reductase. <i>Journal of Chemical Research</i> , 2004, 2004, 541-544.	0.6	1
103	Heterodinuclear [Co-Ln] complexes of semicarbazide-arm bearing ligand: synthesis from the cleavage of starting [Co-Co] complex, structures and magnetic properties. <i>New Journal of Chemistry</i> , 2021, 45, 8755-8762.	1.4	1
104	Solvent-induced structural transformation from heptanuclear to decanuclear [Co ⁿ -Ln] coordination clusters: trapping of unique counteranion and understanding of aggregation pathways. <i>Dalton Transactions</i> , 2021, 50, 9574-9588.	1.6	1
105	Rhomboidal [Cu ₄] coordination cluster from self-assembly of two asymmetric phenoxido-bridged Cu ₂ units: Role of μ_4 -1,1-azido clips. <i>Journal of Chemical Sciences</i> , 2012, 124, 1377-1383.	0.7	0
106	Different reactivity patterns for [M(trien)] ^{2+/3+} (M ⁿ = Ni ^{II} and Co ^{III}) toward azido ions: Cationic charge dependence and different mode of ligand enfoldng for 1D chain formation. <i>Journal of Molecular Structure</i> , 2019, 1180, 1-6.	1.8	0
107	Synthesis of heptanuclear Ni ₄ Dy ₃ coordination aggregate using tridentate ligand: X-ray structure, magnetism and theoretical studies. <i>Inorganica Chimica Acta</i> , 2021, 526, 120524.	1.2	0
108	Dicopper model compounds of a septadentate ligand for the type (III) site in hemocyanin biomolecules. <i>Journal of Chemical Sciences</i> , 1994, 106, 771-771.	0.7	0

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109	Studies on high-valent (μ_2) dinuclear manganese complexes using a septadentate schiff-base ligand in relation to manganese catalase enzymes. Journal of Chemical Sciences, 1996, 108, 280-280.	0.7	0