

# Kishalay Bhar

## List of Publications by Year in descending order

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56  
papers

800  
citations

430442

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610482

24  
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Crystallographic Evidence for Reversible Symmetry Breaking in a Spin <sup>7</sup> Cobalt(II) Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2142-2145.	7.2	69
2	Design, synthesis, characterization and evaluation of the anticancer activity of water-soluble half-sandwich ruthenium(II) arene halido complexes. <i>New Journal of Chemistry</i> , 2020, 44, 239-257.	1.4	37
3	Syntheses, structures, and magnetic properties of terephthalato bridged dinuclear copper(II) and manganese(II) complexes with a tetradentate N-donor Schiff base. <i>Polyhedron</i> , 2013, 55, 1-9.	1.0	30
4	Synthesis, molecular and crystalline architectures, and properties of novel bis(bidentate) and bis(tridentate) Schiff base bridged dinuclear mercury(II)pseudohalides: Control of coordination numbers by varying denticities. <i>Polyhedron</i> , 2010, 29, 1667-1675.	1.0	28
5	Homo- and heteroleptic trimethoxy terpyridine-Cu(II) complexes: synthesis, characterization, DNA/BSA binding, DNA cleavage and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 4100-4113.	1.6	28
6	Syntheses, structures and magnetic properties of 1,5 dicyanamide bridged coordination polymers of copper(II) and nickel(II) containing a tetradentate N-donor Schiff base. <i>Inorganica Chimica Acta</i> , 2011, 370, 492-498.	1.2	27
7	Syntheses, structures and luminescence behaviors of zinc(II) complexes containing a tetradentate Schiff base: Variation in nuclearity and geometry with the change of halide/pseudohalide/carboxylate and counter anion. <i>Journal of Molecular Structure</i> , 2013, 1037, 160-169.	1.8	27
8	Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry. <i>Polyhedron</i> , 2015, 85, 467-475.	1.0	24
9	Syntheses, structures and luminescence behaviours of Group 12 metal(II) thiocyanate complexes with a tetradentate Schiff base: Variation in molecular and crystalline architectures with the change of congeneric metal ions. <i>Polyhedron</i> , 2012, 38, 26-35.	1.0	23
10	Counter anion dependent gradual spin transition in a 1D cobalt(II) coordination polymer. <i>Dalton Transactions</i> , 2015, 44, 7774-7776.	1.6	21
11	Synthesis, structure and luminescence behaviour of heptacoordinated one-dimensional coordination		

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19	A set of new coordination compounds of cadmium(II)/mercury(II) halides/pseudohalides containing polyamines: Syntheses involving in situ metal-ligand reactions, crystal structures and molecular properties. <i>Inorganica Chimica Acta</i> , 2012, 384, 37-46.	1.2	16
20	Synthesis, molecular and crystalline architectures, and properties of mononuclear cobalt(II)thiocyanates containing a symmetrical tailored diimine/an unsymmetrical bidentate Schiff base. <i>Journal of Molecular Structure</i> , 2009, 936, 104-111.	1.8	15
21	Syntheses, structures and magnetic properties of $\mu_4$ 1,5-dicyanamide bridged di- and polynuclear manganese(II) complexes containing neutral N-donor Schiff bases: Control of coordination number and nuclearity by varying denticity. <i>Inorganica Chimica Acta</i> , 2010, 363, 3308-3315.	1.2	14
22	Syntheses, structures and properties of homo- and heterobimetallic complexes of the type $[\text{Zn}(\text{tren})\text{NCS}]_2[\text{M}(\text{NCS})_4]$ [tren=tris(2-aminoethyl)amine; M=Zn, Cu]. <i>Journal of Molecular Structure</i> , 2010, 967, 112-118.	1.8	14
23	Phenoxy-bridged dicopper complexes: Syntheses, characterizations, crystal structures and catecholase activity. <i>Polyhedron</i> , 2019, 161, 169-178.	1.0	14
24	Syntheses, structures, and luminescence behavior of terephthalate bridged lead(II) complexes with tetradentate N-donor Schiff bases. <i>Journal of Molecular Structure</i> , 2013, 1051, 328-335.	1.8	13
25	Syntheses, structures and magnetic properties of two one-dimensional coordination polymers of cobalt(II) and nickel(II) dicyanamide containing a tridentate N-donor Schiff base. <i>Journal of Molecular Structure</i> , 2013, 1038, 78-85.	1.8	12
26	Varied dicarboxylate bridges in dinuclear trigonal prismatic manganese(II) and octahedral nickel(II) compounds containing tetradentate N-donor Schiff bases: Syntheses, structures and magnetic behaviors. <i>Polyhedron</i> , 2014, 74, 134-143.	1.0	12
27	Synthesis, characterization and magnetic property of a succinate bridged 1D coordination polymer of cobalt(II) containing benzidine as end-capping ligand. <i>Journal of Molecular Structure</i> , 2014, 1061, 54-60.	1.8	12
28	Synthesis, structure and luminescence behaviour of bis(tridentate) Schiff base bridged dinuclear lead(II) pseudohalides. <i>Journal of Molecular Structure</i> , 2010, 966, 102-106.	1.8	11
29	Synthesis, structure and properties of hexacoordinated compounds of cadmium(II) halides/pseudohalides containing a pentadentate N-donor Schiff base. <i>Journal of Molecular Structure</i> , 2011, 994, 306-312.	1.8	11
30	Azo-Stilbene and Pyridine-Amine Hybrid Multifunctional Molecules to Target Metal-Mediated Neurotoxicity and Amyloid- $\beta$ Aggregation in Alzheimer's Disease. <i>Inorganic Chemistry</i> , 2022, 61, 10294-10309.	1.9	11
31	Syntheses, molecular and crystalline architectures, and luminescence behaviours of two dinuclear cadmium(II) compounds containing a tetradentate N-donor di-Schiff base. <i>Journal of Molecular Structure</i> , 2010, 982, 113-120.	1.8	10
32	First examples of two ferromagnetic end-to-end cyanate bridged 1D linear coordination polymers of nickel(ii) containing an unsymmetrical diamine. <i>Dalton Transactions</i> , 2012, 41, 11551.	1.6	10
33	A new luminous end-to-end thiocyanato bridged heptacoordinated coordination polymer of lead(II) containing a tetradentate Schiff base. <i>Inorganic Chemistry Communication</i> , 2012, 16, 21-24.	1.8	10
34	Heteronuclear complexes derived from the molecular ion $[\text{Hg}(\text{SCN})_4]^{2-}$ : Variance in bridging matrices, nuclearities and architectures with the change in complementary units. <i>Polyhedron</i> , 2012, 39, 48-58.	1.0	10
35	Syntheses, structures and magnetic properties of two neutral coordination polymers of cobalt(II) containing a tailored aromatic diamine and pseudohalides as bridging units: Control of dimensionality by varying pseudohalide. <i>Inorganica Chimica Acta</i> , 2013, 398, 40-45.	1.2	10
36	Synthesis, structure and luminescence behaviour of a mononuclear cadmium(II) dicyanamide and a coordination polymer of mercury(II) dicyanamide containing 2,2'-dipyridylamine (dpaH) as end-capping ligand/anion of dpaH as binucleating bridge. Variance in coordination numbers, nuclearities and architectures with metal ion templates. <i>Inorganica Chimica Acta</i> , 2011, 367, 199-206.	1.2	8

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37	Syntheses, structures, and properties of two luminous mercury(II) halide compounds containing a tetradentate N-donor Schiff base. <i>Journal of Molecular Structure</i> , 2012, 1030, 138-144.	1.8	8
38	Syntheses, structures and properties of $\mu_3$ -carbonato bridged trinuclear zinc(II) complexes containing a tailored tetradentate amine. <i>Polyhedron</i> , 2012, 32, 54-59.	1.0	8
39	Development, evaluation and effect of anionic co-ligand on the biological activity of benzothiazole derived copper(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111174.	1.5	8
40	Syntheses, structures and properties of two pentacoordinated $\mu_2$ 1,5 bridged dinuclear metal(II)-dicyanamide (Mdca; M=Cu and Cd) compounds containing a tailored tetradentate bifunctional polyamine. <i>Journal of Molecular Structure</i> , 2011, 1004, 138-145.	1.8	7
41	Syntheses, structures, and properties of two mononuclear cobalt(III) azido complexes containing a tetradentate N-donor Schiff base as end-capping ligand. <i>Transition Metal Chemistry</i> , 2011, 36, 99-106.	0.7	7
42	Synthesis, molecular and crystalline architectures, and properties of a mononuclear complex [Co II (benzidine) 2 (NCS) 2 (OH 2 ) 2 ]. <i>Journal of Chemical Sciences</i> , 2013, 125, 723-730.	0.7	7
43	Nickel(II)dicyanamide complexes containing a diamine as end-capping ligand: Composition tailored architectures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2010, 363, 1513-1522.	1.2	6
44	Syntheses, structures and properties of cadmium(II) carboxylates containing polyamine/Schiff base: Variation of coordination numbers, and molecular and crystalline architectures by changing ligands. <i>Journal of Molecular Structure</i> , 2013, 1051, 41-48.	1.8	6
45	Phosphatase activity and DNA binding studies of dinuclear phenoxo-bridged zinc(II) complexes with an N,N,O-donor ligand and halide ions in a rare cis-configuration. <i>Polyhedron</i> , 2017, 129, 82-91.	1.0	6
46	Synthesis, structure and solid-state electrical conductivity of bis(1,2-diphenylethylene-1,2-dithiolate)nickel(II). <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	6
47	Syntheses, X-ray structures, electrochemical properties and biological evaluation of mono- and dinuclear N2O2-donor ligand-Fe systems. <i>Transition Metal Chemistry</i> , 2019, 44, 615-626.	0.7	6
48	Syntheses, structures, and properties of two binuclear cadmium(II) iodides containing a bis(tridentate) Schiff base/tetradentate tripodal amine: control of coordination numbers by varying ligand matrices. <i>Structural Chemistry</i> , 2011, 22, 605-613.	1.0	5
49	Syntheses, Structures and Properties of Two Luminous Mercury(II) Bromides Containing Tridentate N-Donor Schiff Bases: Control of Coordination Number and Nuclearity by Varying Ligand Matrices. <i>Journal of Chemical Crystallography</i> , 2012, 42, 1060-1066.	0.5	5
50	Syntheses, molecular and crystalline architectures, and luminescence behaviour of terephthalate bridged heptacoordinated dinuclear lead(II) complexes containing a pentadentate N-donor Schiff base. <i>Journal of Chemical Sciences</i> , 2013, 125, 715-721.	0.7	4
51	Temperature induced spin crossover behaviour in mononuclear cobalt(II) bis terpyridine complexes. <i>MRS Advances</i> , 2019, 4, 1597-1610.	0.5	4
52	Syntheses, structures and properties of two dinuclear mercury(II) iodide compounds containing tetradentate tripodal amine/pentadentate N-donor Schiff base: Control of molecular and crystalline architectures by varying ligand matrices. <i>Journal of Chemical Sciences</i> , 2014, 126, 763-769.	0.7	3
53	Synthesis and characterization of phenoxo-bridged dinuclear zinc(II) halide complexes: Role of electron withdrawing group on phosphatase activity. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	3
54	Hexa- and heptacoordinated manganese(II) dicyanamide complexes containing a tetradentate N-donor Schiff base: Syntheses, composition tailored architectures and magnetic properties. <i>Journal of Molecular Structure</i> , 2013, 1051, 107-114.	1.8	2

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55	An anti-ferromagnetic terephthalate-bridged trigonal prismatic dinuclear manganese(II) complex: Synthon of rare anion-π interaction promoting dimensionality. Journal of Chemical Sciences, 2014, 126, 1685-1694.	0.7	1
56	High temperature spin crossover behaviour of mononuclear bis-(thiocyanato)iron(II) complexes with judiciously designed bidentate N-donor Schiff bases with varying substituents. Dalton Transactions, 2022, 51, 9302-9313.	1.6	1