

# Kishalay Bhar

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

672  
citations

16  
h-index

21  
g-index

57  
ext. papers

737  
ext. citations

3.1  
avg, IF

3.55  
L-index

#	Paper	IF	Citations
55	Development, evaluation and effect of anionic co-ligand on the biological activity of benzothiazole derived copper(II) complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 210, 111174	4.2	2
54	Homo- and heteroleptic trimethoxy terpyridine-Cu(ii) complexes: synthesis, characterization, DNA/BSA binding, DNA cleavage and cytotoxicity studies. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4100-4113	4.3	13
53	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> , <b>2020</b> , 44, 239-257	3.6	16
52	Synthesis, structure and solid-state electrical conductivity of bis(1,2-diphenylethylene-1,2-dithiolate)nickel(II). <i>Journal of Chemical Sciences</i> , <b>2019</b> , 131, 1	1.8	2
51	Syntheses, X-ray structures, electrochemical properties and biological evaluation of mono- and dinuclear N2O2-donor ligand-Fe systems. <i>Transition Metal Chemistry</i> , <b>2019</b> , 44, 615-626	2.1	4
50	Temperature induced spin crossover behaviour in mononuclear cobalt(II) bis terpyridine complexes. <i>MRS Advances</i> , <b>2019</b> , 4, 1597-1610	0.7	1
49	Phenoxy-bridged dicopper complexes: Syntheses, characterizations, crystal structures and catecholase activity. <i>Polyhedron</i> , <b>2019</b> , 161, 169-178	2.7	9
48	Synthesis and characterization of phenoxy-bridged dinuclear zinc(II) halide complexes: Role of electron withdrawing group on phosphatase activity. <i>Journal of Chemical Sciences</i> , <b>2018</b> , 130, 1	1.8	2
47	Phosphatase activity and DNA binding studies of dinuclear phenoxy-bridged zinc(II) complexes with an N,N,O-donor ligand and halide ions in a rare cis-configuration. <i>Polyhedron</i> , <b>2017</b> , 129, 82-91	2.7	4
46	Counter anion dependent gradual spin transition in a 1D cobalt(ii) coordination polymer. <i>Dalton Transactions</i> , <b>2015</b> , 44, 7774-6	4.3	17
45	Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry. <i>Polyhedron</i> , <b>2015</b> , 85, 467-475	2.7	22
44	Synthesis, structure and magnetic property of an asymmetric chlorido bridged dinuclear copper(II) complex containing a didentate Schiff base. <i>Polyhedron</i> , <b>2015</b> , 89, 39-44	2.7	16
43	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> , <b>2014</b> , 74, 134-143	2.7	11
42	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> , <b>2014</b> , 126, 763-769	1.8	3
41	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> , <b>2014</b> , 1061, 54-60	2.4	10
40	An anti-ferromagnetic terephthalate-bridged trigonal prismatic dinuclear manganese(II) complex: Synthon of rare anion? Interaction promoting dimensionality. <i>Journal of Chemical Sciences</i> , <b>2014</b> , 126, 1685-1694	1.8	1
39	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> , <b>2013</b> , 1051, 41-48	3.4	6

38	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> , <b>2013</b> , 1051, 107-114	3.4	1
37	Syntheses, structures, and luminescence behavior of terephthalate bridged lead(II) complexes with tetradentate N-donor Schiff bases. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1051, 328-335	3.4	11
36	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> , <b>2013</b> , 1038, 78-85	3.4	12
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> , <b>2013</b> , 398, 40-45	2.7	9
34	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> , <b>2013</b> , 1037, 160-169	3.4	23
33	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> , <b>2013</b> , 55, 1-9	2.7	25
32	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> , <b>2013</b> , 125, 715-721	1.8	4
31	Synthesis, molecular and crystalline architectures, and properties of a mononuclear complex [CoII(benzidine) 2 (NCS) 2 (OH) 2 ] . <i>Journal of Chemical Sciences</i> , <b>2013</b> , 125, 723-730	1.8	6
30	A new luminous end-to-end thiocyanato bridged heptacoordinated coordination polymer of lead(II) containing a tetradentate Schiff base. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 16, 21-24	3.1	8
29	Syntheses, structures and properties of B-carbonato bridged trinuclear zinc(II) complexes containing a tailored tetradentate amine. <i>Polyhedron</i> , <b>2012</b> , 32, 54-59	2.7	6
28	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> , <b>2012</b> , 38, 26-35	2.7	22
27	Heteronuclear complexes derived from the molecular ion [Hg(SCN)4]2-: Variance in bridging matrices, nuclearities and architectures with the change in complementary units. <i>Polyhedron</i> , <b>2012</b> , 39, 48-58	2.7	10
26	Crystallographic evidence for reversible symmetry breaking in a spin-crossover d7 cobalt(II) coordination polymer. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 2142-5	16.4	65
25	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> , <b>2012</b> , 41, 11551-4	4.3	10
24	Syntheses, structures, and properties of two luminous mercury(II) halide compounds containing a tetradentate N-donor Schiff base. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1030, 138-144	3.4	5
23	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> , <b>2012</b> , 42, 1060-1066	0.5	5
22	Crystallographic Evidence for Reversible Symmetry Breaking in a Spin-Crossover d7 Cobalt(II) Coordination Polymer. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 2184-2187	3.6	19
21	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> , <b>2012</b> , 384, 37-46	2.7	14

20	Syntheses, structures and properties of two pentacoordinated $\mu,5$ bridged dinuclear metal(II)-dicyanamide (Mdca; M=Cu and Cd) compounds containing a tailored tetradentate bifunctional polyamine. <i>Journal of Molecular Structure</i> , <b>2011</b> , 1004, 138-145	3.4	7
19	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> , <b>2011</b> , 22, 605-613	1.8	4
18	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> , <b>2011</b> , 36, 99-106	2.1	7
17	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, and nuclearities with the change of congeneric metal ions. <i>Polyhedron</i> , <b>2011</b> , 30, 387-396	2.7	8
16	Syntheses, structures and magnetic properties of $\mu,5$ dicyanamide bridged coordination polymers of copper(II) and nickel(II) containing a tetradentate N-donor Schiff base. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 370, 492-498	2.7	24
15	A new luminous hexacoordinated coordination polymer of cadmium(II) containing benzidine and dicyanamide as bridging units. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 632-635	3.1	19
14	Synthesis, structures, luminescence and magnetic properties of two dinuclear $\mu,5$ dicyanamide bridged copper(II) complexes containing a tetradentate N-donor Schiff base. <i>Journal of Molecular Structure</i> , <b>2011</b> , 988, 128-135	3.4	18
13	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> , <b>2011</b> , 994, 306-312	3.4	8
12	Syntheses, structures and luminescence behaviors of mono- and dinuclear complexes of type $[M(L)(NCS)_2]_n$ [M = Zn/Hg, n = 1; M = Cd, n = 2; L = (N,N-diethyl,N'-(pyridin-2-yl)benzylidene)ethane-1,2-diamine]: Variation of coordination matrices and nuclearities with the change of congeneric metal ions. <i>Polyhedron</i> , <b>2011</b> , 30, 387-396	2.7	20
11	Syntheses, structures and magnetic properties of $\mu,5$ -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> , <b>2010</b> , 363, 3308-3315	2.7	14
10	Synthesis, structure and luminescence behaviour of heptacoordinated one-dimensional coordination polymers of the type $[Cd(L)(dca)](X)$ (L = a pentadentate Schiff base; dca = dicyanamide; X = ClO <sub>4</sub> <sup>-</sup> , PF <sub>6</sub> <sup>-</sup> ). <i>Journal of Molecular Structure</i> , <b>2010</b> , 963, 35-40	3.4	20
9	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> , <b>2010</b> , 982, 113-120	3.4	10
8	Synthesis, structure and luminescence behaviour of bis(tridentate) Schiff base bridged dinuclear lead(II) pseudohalides. <i>Journal of Molecular Structure</i> , <b>2010</b> , 966, 102-106	3.4	8
7	Syntheses, structures and properties of homo- and heterobimetallic complexes of the type $[Zn(tren)NCS]_2[M(NCS)_4]$ [tren = tris(2-aminoethyl)amine; M = Zn, Cu]. <i>Journal of Molecular Structure</i> , <b>2010</b> , 967, 112-118	3.4	13
6	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> , <b>2010</b> , 29, 1667-1675	2.7	25
5	Synthesis, molecular and crystalline architectures, and magnetic properties of neutral nickel(II)dicyanamide coordination polymers containing a symmetrical/unsymmetrical 1,2-diamine as an end-capping ligand. <i>Polyhedron</i> , <b>2010</b> , 29, 2041-2047	2.7	18
4	Syntheses, characterizations and structures of complexes of the types mononuclear $[MII(tren)(dca)]ClO_4$ [M = Cu and Zn; tren = tris(2-aminoethyl)amine; dca = dicyanamide] and dinuclear $[CdII_2(tren)_2(dca)](ClO_4)_3$ : Variation of nuclearities and architectures with metal-ion templates. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 784-792	2.7	19
3	Nickel(II)dicyanamide complexes containing a diamine as end-capping ligand: Composition tailored architectures and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 1513-1522	2.7	6

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| 2 | Classical tetradentate chelation and novel bis(bidentate) congregation motifs of a neutral N-donor Schiff base in dinuclear cadmium(II) complexes: Synthesis, structure and luminescence behaviour. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 353-357 | 3.1 | 16 |
| 1 | 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> , <b>2009</b> , 936, 104-111            | 3.4 | 14 |