Madhushree Sarkar

List of Publications by Year
in descending order

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22	497	933447	752698
papers	citations	10	20
		h-index	g-index

22	22	22	476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amide-to-Amide Hydrogen Bonds in the Presence of a Pyridine Functionality:â€‰ Crystal Structures of Bis(pyridinecarboxamido)alkanes. Crystal Growth and Design, 2006, 6, 202-208.	3.0	148
2	Î²-sheet recognition in the non-interpenetrated and interpenetrated two-dimensional coordination networks containing cavities. Chemical Communications, 2005, , 2229.	4.1	86
3	Crystal Engineering of Metalâ^'Organic Frameworks Containing Amide Functionalities:Â Studies on Network Recognition, Transformations, and Exchange Dynamics of Guests and Anions. Crystal Growth and Design, 2007, 7, 1318-1331.	3.0	85
4	Interplay of Hydrogen Bonds in Assembling (4,4)-Coordination Networks:â€‰ Transformations from Open to Interpenetrated Networks via Anion Exchange. Crystal Growth and Design, 2006, 6, 1742-1745.	3.0	44
5	Coordination polymers of Ag(i) with di-Schiff base and diaminoalkanes: double helix, ladder, CdSO4 and zigzag-chain networksElectronic supplementary information (ESI) available: Fractional coordinates, full list of bond lengths, angles, anisotropic displacement parameters and ORTEP drawings. See http://www.rsc.org/suppdata/ce/b4/b412903b/. CrystEngComm, 2004, 6, 310.	2.6	32
6	Entrapment of a Hexamer of Nitrobenzene Molecules between the Layers of (4,4)-Coordination Networks Containing Intra-Î²-Sheet Hydrogen Bonds. European Journal of Inorganic Chemistry, 2006, 2006, 531-534.	2.0	16
7	Assembling one-dimensional coordination polymers into three-dimensional architectures via hydrogen bonds. Journal of Chemical Sciences, 2010, 122, 707-720.	1.5	12
8	Photophysical properties of di-Schiff bases: evaluating the synergistic effect of non-covalent interactions and alkyl spacers in enhanced emissions of solids. RSC Advances, 2016, 6, 57780-57792.	3.6	12
9	Effects of non covalent interactions in light emitting properties of bis-pyridyl-alkyl-di-imines. RSC Advances, 2015, 5, 51220-51232.	3.6	11
10	Template effect of innocent and coordinating anions on the formation of interpenetrated 2D and 3D networks: methyl orange and iodine sorption studies. CrystEngComm, 2020, 22, 751-766.	2.6	11
11	Cooperative effect of â€œflexibleâ€•interaction and â€œflexibleâ€•framework in reversible intake and removal of aromatic guest molecules. Dalton Transactions, 2013, 42, 8492.	3.3	8
12	Bisâ€Pyridyl Diimines as Selective and Ratiometric Chemosensor for Ni(II) and Cd(II) Metal Ions. ChemistrySelect, 2019, 4, 681-692.	1.5	6
13	Is metal metathesis a framework-templating strategy to synthesize coordination polymers (CPs)? Transmetallation studies involving flexible ligands. RSC Advances, 2014, 4, 36451-36457.	3.6	4
14	Coordination Polymers Comprised of an Exo Bifunctional Schiff Base Ligand and Succinate Dianion: Critical Analysis of Factors Affecting the Structures and Framework Dimensionality. ChemistrySelect, 2017, 2, 11677-11685.	1.5	4
15	Controlling light emitting properties in bis(pyrenyl)-di-imines by tuning the chemical functionality of the spacer group. Molecular Systems Design and Engineering, 2021, 6, 1047-1055.	3.4	4
16	Positional effects of a pyridyl group in Zn(II) coordination polymers on the selective dye adsorption properties. Polyhedron, 2022, 214, 115646.	2.2	4
17	Bis(2-pyridyl)diimine as a naked eye colorimetric fluorescence turn off probe selectively for Fe(II) ions as a consequence of energy changes in the electronic states upon complexation. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113896.	3.9	4
18	Increased Photocatalytic Activity of Post Synthetically Modified Coordination Polymer Derived from Bisâ€pyridyldiamide. European Journal of Inorganic Chemistry, 2020, 2020, 3174-3186.	2.0	2

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19	Structural analysis of bis(pyridyl)diimines: Factors affecting the molecular geometry and supramolecular packing. Journal of Molecular Structure, 2022, 1250, 131830.	3.6	2
20	Iodine(<scp>iii</scp>)-promoted regioselective and efficient synthesis of Î²-triazolyl BODIPYs for the selective recognition of nickel ions and bovine serum albumin. Dalton Transactions, 2022, 51, 8169-8176.	3.3	2
21	Role of Anions in Assembling the Coordination Polymers of Bisâ€“pyridylâ€“alkanediamides. ChemistrySelect, 2016, 1, 6641-6648.	1.5	0
22	Bis(pyridyl)-disulfonamides: structural comparison with their carboxamidic analogues and the effect of molecular geometry and supramolecular assembly on their photophysical properties. New Journal of Chemistry, 0, , .	2.8	0