

Dilip Kumar Maity

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11597025/publications.pdf>

Version: 2024-02-01

23
papers

701
citations

471509

17
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	Cd(ii) based metal-organic framework behaving as a Schottky barrier diode. Chemical Communications, 2014, 50, 7858.	4.1	80
2	Selective CO ₂ Adsorption by Nitro Functionalized Metal Organic Frameworks. Crystal Growth and Design, 2016, 16, 1162-1167.	3.0	78
3	Sulfonic Group Functionalized Mixed Ligand Coordination Polymers: Synthesis, Characterization, Water Sorption, and Proton Conduction Studies. Inorganic Chemistry, 2017, 56, 1581-1590.	4.0	67
4	Set of Multifunctional Azo Functionalized Semiconducting Cd(II)-MOFs Showing Photoswitching Property and Selective CO ₂ Adsorption. Inorganic Chemistry, 2018, 57, 251-263.	4.0	49
5	Azo Functionalized 5-Nitro-1,3-benzenedicarboxylate Based Coordination Polymers with Different Dimensionality and Functionality. Crystal Growth and Design, 2016, 16, 4793-4804.	3.0	40
6	Five diverse bivalent metal coordination polymers based on benzene dicarboxylate and bent dipyriddy ligands: syntheses, structures, and photoluminescent properties. CrystEngComm, 2014, 16, 8896-8909.	2.6	39
7	Syntheses, X-ray structures, gas adsorption and luminescent properties of three coordination polymers of Zn(II) dicarboxylates mixed with a linear, neutral, and rigid N,N'-donor ligand. CrystEngComm, 2014, 16, 4783-4795.	2.6	38
8	Two Series of Isostructural Coordination Polymers with Isomeric Benzenedicarboxylates and Different Azine Based N,N'-Donor Ligands: Syntheses, Characterization and Magnetic Properties. Crystal Growth and Design, 2015, 15, 4427-4437.	3.0	36
9	Syntheses, X-ray structures, catalytic activity and magnetic properties of two new coordination polymers of Co(II) and Ni(II) based on benzenedicarboxylate and linear N,N'-donor Schiff base linkers. Inorganic Chemistry Frontiers, 2014, 1, 414-425.	6.0	35
10	Hydrogen Uptake by an Inclined Polycatenated Dynamic Metal-Organic Framework Based Material. Inorganic Chemistry, 2017, 56, 713-716.	4.0	30
11	Drug-Drug Binary Solids of Nitrofurantoin and Trimethoprim: Crystal Engineering and Pharmaceutical Properties. Molecular Pharmaceutics, 2020, 17, 4435-4442.	4.6	27
12	Pillared-bilayer porous coordination polymers of Zn(II): enhanced hydrophobicity of pore surface by changing the pillar functionality. CrystEngComm, 2015, 17, 3478-3486.	2.6	23
13	Multifunctional mixed ligand metal organic frameworks: X-ray structure, adsorption, luminescence and electrical conductivity with theoretical correlation. CrystEngComm, 2016, 18, 5754-5763.	2.6	23
14	Proton Conductivity and Sorption Study in Three Sulfonic Group Functionalized Mixed Ligand Coordination Polymers and the Impact of Structural Dynamicity on Their Property. Inorganic Chemistry, 2019, 58, 12943-12953.	4.0	23
15	Tuned synthesis of two coordination polymers of Cd(II) using substituted bent 3-pyridyl linker and succinate: structures and their applications in anion exchange and sorption properties. Dalton Transactions, 2015, 44, 20999-21007.	3.3	22
16	Formation of three new metal organic hybrids of Cd(II) with N,N'-donor spacer: an in situ perchlorate to chloride transformation. CrystEngComm, 2013, 15, 9457.	2.6	20
17	Dynamic metal-organic frameworks: syntheses, characterizations, sorption studies and their hydrolytic inter-conversion. CrystEngComm, 2016, 18, 4074-4083.	2.6	18
18	Construction of diverse dimensionality in eight coordination polymers of bivalent metal ions using 5-nitroisophthalate and different linear N,N'-donor linkers. Polyhedron, 2015, 102, 634-642.	2.2	14

#	ARTICLE	IF	CITATIONS
19	Reversible Phase Transformation in Three Dynamic Mixed-Ligand Metal-Organic Frameworks: Synthesis, Structure, and Sorption Study. <i>Crystal Growth and Design</i> , 2016, 16, 4783-4792.	3.0	14
20	Reversible Switching of Frameworks through Single-Crystal-to-Single-Crystal Structural Transformation in Two Entangled Coordination Polymers and Their Impact on Adsorption Properties. <i>Crystal Growth and Design</i> , 2020, 20, 7667-7674.	3.0	12
21	Construction of five dicyanamide based coordination polymers with diverse dimensionality: Synthesis, characterization and photoluminescence study. <i>Polyhedron</i> , 2016, 117, 585-591.	2.2	7
22	Syntheses and characterization of three diphenyl phosphate based Cu(II) complexes and the effect of non-covalent interactions on their supramolecular framework. <i>Journal of Chemical Sciences</i> , 2016, 128, 1861-1869.	1.5	4
23	Crystallography as a Path-Finding Tool to Understand Functionality in Coordination Polymers. <i>Journal of the Indian Institute of Science</i> , 2017, 97, 261-279.	1.9	0