

Anindita Chakraborty

List of Publications by Year in descending order

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1749
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#	ARTICLE	IF	CITATIONS
1	Double Ligand Activation in Silyl-Substituted Rare-Earth Cyclobutadienyl Complexes. <i>Organometallics</i> , 2020, 39, 8-12.	2.3	18
2	Synergistic Role of Microwave and Perturbation toward Synthesis of Hierarchical Porous MOFs with Tunable Porosity. <i>Inorganic Chemistry</i> , 2020, 59, 3775-3782.	4.0	22
3	Tetracarboxylate Linker-Based Flexible Cu ^{II} Frameworks: Efficient Separation of CO ₂ from CO ₂ /N ₂ and C ₂ H ₂ from C ₂ H ₂ /C ₂ H ₄ Mixtures. <i>ACS Omega</i> , 2018, 3, 2018-2026.	3.5	18
4	Charge-Assisted Self-Assembly of ZIF-8 and Laponite Clay toward a Functional Hydrogel Nanocomposite. <i>Inorganic Chemistry</i> , 2018, 57, 14480-14483.	4.0	19
5	Flexible MOF-aminoclay nanocomposites showing tunable stepwise/gated sorption for C ₂ H ₂ , CO ₂ and separation for CO ₂ /N ₂ and CO ₂ /CH ₄ . <i>Journal of Materials Chemistry A</i> , 2017, 5, 8423-8430.	10.3	67
6	In Situ Growth of Self-Assembled ZIF-8-Aminoclay Nanocomposites with Enhanced Surface Area and CO ₂ Uptake. <i>Inorganic Chemistry</i> , 2017, 56, 9426-9435.	4.0	26
7	Mono- and di-nuclear nickel(ⁱⁱ) complexes derived from NNO donor ligands: syntheses, crystal structures and magnetic studies of dinuclear analogues. <i>RSC Advances</i> , 2016, 6, 36020-36030.	3.6	28
8	MOF-aminoclay composites for superior CO ₂ capture, separation and enhanced catalytic activity in chemical fixation of CO ₂ . <i>Chemical Communications</i> , 2016, 52, 11378-11381.	4.1	62
9	A discrete Cu ₆ cluster and a 3D Mn ^{II} -Cu ^{II} framework based on assembly of Mn ₂ Cu ₄ clusters: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 15523-15531.	3.3	9
10	2D coordination polymer composed of 1D {NiII(1/4-O)(1/4-H ₂ O)NiII} ferromagnetic chains: Modulation of magnetic properties based on dehydration and rehydration. <i>Polyhedron</i> , 2016, 115, 276-281.	2.2	4
11	Post-synthetic metalation in an anionic MOF for efficient catalytic activity and removal of heavy metal ions from aqueous solution. <i>Chemical Communications</i> , 2016, 52, 2831-2834.	4.1	128
12	Mg-MOF-74@SBA-15 hybrids: Synthesis, characterization, and adsorption properties. <i>APL Materials</i> , 2014, 2, .	5.1	35
13	Interpenetrated Metal-Organic Frameworks with [Ag(CN) ₂] ⁻ Bridging Ligand: Synthesis, Structural Characterization and Magnetic Study. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2014, 84, 243-249.	1.2	0
14	Lanthanide-organic frameworks for gas storage and as magneto-luminescent materials. <i>Coordination Chemistry Reviews</i> , 2014, 273-274, 139-164.	18.8	242
15	Structural and Magnetic Diversity Based on Different Imidazolate Linkers in Cu(II)-Azido Coordination Compounds. <i>Inorganic Chemistry</i> , 2014, 53, 11991-12001.	4.0	13
16	A bimodal anionic MOF: turn-off sensing of Cu ^{II} and specific sensitization of Eu ^{III} . <i>Chemical Communications</i> , 2014, 50, 13567-13570.	4.1	120
17	A hexanuclear Cu(ⁱ) cluster supported by cuprophilic interaction: effects of aromatics on luminescence properties. <i>RSC Advances</i> , 2014, 4, 35167-35170.	3.6	12
18	Bifunctional Co(II)-Ag(I) and Ni(II)-Ag(I) Frameworks: Modulation of Magnetic Property and CO ₂ Uptake Based on Organic Pillars. <i>Crystal Growth and Design</i> , 2013, 13, 4968-4976.	3.0	12

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19	Discrete dinuclear complex to extended 2D compound in a Cu ^{II} -azido system by controlling coligand stoichiometry: synthesis and magneto-structural correlations. Dalton Transactions, 2013, 42, 10707.	3.3	25
20	Bimodal Magneto-Luminescent Dysprosium (Dy ^{III})-Potassium (K ^I)-Oxalate Framework: Magnetic Switchability with High Anisotropic Barrier and Solvent Sensing. Chemistry of Materials, 2013, 25, 1673-1679.	6.7	107
21	A Heterometallic (Ni ^{II} -Cu ^{II}) Decanuclear Cluster Containing Two Distorted Cubane-like Pentanuclear Cores: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 6440-6442.	4.0	32
22	Assembly of trinuclear and tetranuclear building units of Cu ²⁺ towards two 1D magnetic systems: synthesis and magneto-structural correlations. Dalton Transactions, 2012, 41, 5879.	3.3	34
23	Chapter 12. Gated and Stepwise Sorption Processes in Functional Metal-organic Frameworks. Monographs in Supramolecular Chemistry, 0, , 412-453.	0.2	7