

Rupam Sen

List of Publications by Year in descending order

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papers

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471509

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1067
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#	ARTICLE	IF	CITATIONS
1	A new series of 3D lanthanide phenoxycarboxylates: synthesis, crystal structure, magnetism and photoluminescence studies. <i>CrystEngComm</i> , 2021, 23, 4143-4151.	2.6	13
2	A New Chiral Ni ₄ O ₄ Distorted Cube: Synthesis, Structure, and Magneto-Structural Correlation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3840-3845.	2.0	3
3	Isolation of octahedral to tetrahedral cobalt-azido molecular assemblies based on cationic influence. <i>Journal of Molecular Structure</i> , 2019, 1198, 126882.	3.6	1
4	Inclusion of Ln(III) in the Complexes of Co(II) with a Mannich Base Ligand: Development of Atmospheric CO ₂ Fixation and Enhancement of Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2019, 58, 5787-5798.	4.0	41
5	pH-Tuned Modulation of 1D Chain to 3D Metal-Organic Framework: Synthesis, Structure and Their Useful Application in the Heterogeneous Claisen-Schmidt Reaction. <i>ChemPlusChem</i> , 2015, 80, 591-598.	2.8	13
6	Single Crystal to Single Crystal (SC-to-SC) Transformation from a Nonporous to Porous Metal-Organic Framework and Its Application Potential in Gas Adsorption and Suzuki Coupling Reaction through Postmodification. <i>Chemistry - A European Journal</i> , 2015, 21, 5962-5971.	3.3	27
7	Cobalt-Based 3D Metal-Organic Frameworks: Useful Candidates for Olefin Epoxidation at Ambient Temperature by H ₂ O ₂ . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5103-5109.	2.0	17
8	Layered transition metal carboxylates: synthesis, structural aspects and observation of multi-step magnetic transition through phase diagram. <i>Dalton Transactions</i> , 2013, 42, 14836.	3.3	9
9	Synthesis, Structural Aspects and Catalytic Performance of a Tetrahedral Cobalt Phosphonate Framework. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5020-5026.	2.0	17
10	Cadmium-Furandicarboxylate Coordination Polymers Prepared with Different Types of Pyridyl Linkers: Synthesis, Divergent Dimensionalities, and Luminescence Study. <i>Crystal Growth and Design</i> , 2013, 13, 5272-5281.	3.0	48
11	Synthesis, characterization and observation of structural diversities in a series of transition metal based furan dicarboxylic acid systems. <i>CrystEngComm</i> , 2013, 15, 2113.	2.6	19
12	A 2D to 3D Polycatenated Metal-Organic Framework: Synthesis, Structure, Magnetic and Catalytic Study. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3076-3081.	2.0	5
13	Heterogeneous catalytic epoxidation of olefin over a hydrothermally synthesized 3D phosphate bridged copper(II) framework. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2444-2454.	2.2	6
14	KCa ₄ (BO ₃) ₃ :Ln ³⁺ (Ln = Dy, Eu, Tb) phosphors for near UV excited white-light-emitting diodes. <i>AIP Advances</i> , 2013, 3, .	1.3	53
15	Tetraaquabis[2-(pyridin-4-yl- <i>N</i>)pyrimidine-5-carboxylato]zinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1429-m1429.	0.2	0
16	Porous magnesium carboxylate framework: synthesis, X-ray crystal structure, gas adsorption property and heterogeneous catalytic aldol condensation reaction. <i>Dalton Transactions</i> , 2012, 41, 7399.	3.3	56
17	Controlled Construction of Metal-Organic Frameworks: Hydrothermal Synthesis, X-ray Structure, and Heterogeneous Catalytic Study. <i>Chemistry - A European Journal</i> , 2012, 18, 5979-5986.	3.3	81
18	Lanthanide Carboxylate Frameworks: Efficient Heterogeneous Catalytic System for Epoxidation of Olefins. <i>Catalysis Letters</i> , 2012, 142, 124-130.	2.6	31

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19	Entrapment of [Ru(bpy) ₃] ²⁺ in the anionic metal-organic framework: Novel photoluminescence behavior exhibiting dual emission at room temperature. Dalton Transactions, 2011, 40, 6952.	3.3	42
20	Synthesis, X-ray Crystal Structure and Magnetic Study of a $\frac{1}{4}$ 1,5-dca Bridged Dimeric Copper(II) Complex. Journal of Chemical Crystallography, 2011, 41, 1018-1022.	1.1	2
21	Heterogeneous Catalytic Epoxidation of Olefins Over Hydrothermally Synthesized Lanthanide Containing Framework Compounds. European Journal of Inorganic Chemistry, 2011, 2011, 241-248.	2.0	44
22	Gd ₂₆ Cluster Consisting of Distorted Cubane Cores: Synthesis, Structure and Heterogeneous Catalytic Epoxidation of Olefins. European Journal of Inorganic Chemistry, 2011, 2011, 2826-2831.	2.0	41
23	Anchoring of palladium(II) in chemically modified mesoporous silica: An efficient heterogeneous catalyst for Suzuki cross-coupling reaction. Inorganica Chimica Acta, 2010, 363, 3993-3999.	2.4	45
24	Hydrothermal synthesis of dimeric lanthanide compounds: X-ray structure, magnetic study and heterogeneous catalytic epoxidation of olefins. Polyhedron, 2010, 29, 3183-3191.	2.2	43
25	Layered Transition Metal Carboxylates: Efficient Reusable Heterogeneous Catalyst for Epoxidation of Olefins. Langmuir, 2009, 25, 13667-13672.	3.5	41
26	Tridentate (NNO) Schiff-base copper(II) complex: synthesis, crystal structure, and magnetic study. Journal of Coordination Chemistry, 2009, 62, 3573-3582.	2.2	44
27	Oxo-Vanadium(IV) Dihydrogen Phosphate: Preparation, Magnetic Study, and Heterogeneous Catalytic Epoxidation. Langmuir, 2008, 24, 5970-5975.	3.5	39
28	Synthesis, X-ray crystal structure and magnetic study of a $\frac{1}{4}$ 1,5-dca bridged ferromagnetic dimeric copper(II) complex. Journal of Coordination Chemistry, 2008, 61, 3486-3492.	2.2	8