

# Rupam Sen

## List of Publications by Year in descending order

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28  
papers

789  
citations

471509

17  
h-index

526287

27  
g-index

28  
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28  
docs citations

28  
times ranked

1067  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	KCa <sub>4</sub> (BO <sub>3</sub> ) <sub>3</sub> :Ln <sup>3+</sup> (Ln = Dy, Eu, Tb) phosphors for near UV excited white-light-emitting diodes. <i>AIP Advances</i> , 2013, 3, .	1.3	53
4	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
5	Anchoring of palladium(II) in chemically modified mesoporous silica: An efficient heterogeneous catalyst for Suzuki cross-coupling reaction. <i>Inorganica Chimica Acta</i> , 2010, 363, 3993-3999.	2.4	45
6	Tridentate (NNO) Schiff-base copper(II) complex: synthesis, crystal structure, and magnetic study. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3573-3582.	2.2	44
7	Heterogeneous Catalytic Epoxidation of Olefins Over Hydrothermally Synthesized Lanthanide Containing Framework Compounds. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 241-248.	2.0	44
8	Hydrothermal synthesis of dimeric lanthanide compounds: X-ray structure, magnetic study and heterogeneous catalytic epoxidation of olefins. <i>Polyhedron</i> , 2010, 29, 3183-3191.	2.2	43
9	Entrapment of [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> in the anionic metal-organic framework: Novel photoluminescence behavior exhibiting dual emission at room temperature. <i>Dalton Transactions</i> , 2011, 40, 6952.	3.3	42
10	Layered Transition Metal Carboxylates: Efficient Reusable Heterogeneous Catalyst for Epoxidation of Olefins. <i>Langmuir</i> , 2009, 25, 13667-13672.	3.5	41
11	Gd <sub>2</sub> Cluster Consisting of Distorted Cubane Cores: Synthesis, Structure and Heterogeneous Catalytic Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2826-2831.	2.0	41
12	Inclusion of Ln(III) in the Complexes of Co(II) with a Mannich Base Ligand: Development of Atmospheric CO <sub>2</sub> Fixation and Enhancement of Catalytic Oxidase Activities. <i>Inorganic Chemistry</i> , 2019, 58, 5787-5798.	4.0	41
13	Oxo-Vanadium(IV) Dihydrogen Phosphate: Preparation, Magnetic Study, and Heterogeneous Catalytic Epoxidation. <i>Langmuir</i> , 2008, 24, 5970-5975.	3.5	39
14	Lanthanide Carboxylate Frameworks: Efficient Heterogeneous Catalytic System for Epoxidation of Olefins. <i>Catalysis Letters</i> , 2012, 142, 124-130.	2.6	31
15	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
16	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
17	Cobalt-Based 3D Metal-Organic Frameworks: Useful Candidates for Olefin Epoxidation at Ambient Temperature by H <sub>2</sub> O <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5103-5109.	2.0	17
18	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

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19	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
20	A new series of 3D lanthanide phenoxycarboxylates: synthesis, crystal structure, magnetism and photoluminescence studies. <i>CrystEngComm</i> , 2021, 23, 4143-4151.	2.6	13
21	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
22	Synthesis, X-ray crystal structure and magnetic study of a $\frac{1}{4}$ 1,5-dca bridged ferromagnetic dimeric copper(II) complex. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3486-3492.	2.2	8
23	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
24	A 2D $\rightarrow$ 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
25	A New Chiral Ni <sub>4</sub> O <sub>4</sub> Distorted Cube: Synthesis, Structure, and Magneto-Structural Correlation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3840-3845.	2.0	3
26	Synthesis, X-ray Crystal Structure and Magnetic Study of a $\frac{1}{4}$ 1,5-dca Bridged Dimeric Copper(II) Complex. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1018-1022.	1.1	2
27	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
28	Tetraaquabis[2-(pyridin-4-yl- $\eta^5$ N)pyrimidine-5-carboxylato]zinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1429-m1429.	0.2	0