

# Samiran Bhattacharjee

## List of Publications by Year in descending order

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21  
papers

1,397  
citations

471061

17  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromium terephthalate metal-organic framework MIL-101: synthesis, functionalization, and applications for adsorption and catalysis. <i>RSC Advances</i> , 2014, 4, 52500-52525.	1.7	217
2	Solvothermal Synthesis of Fe-MOF-74 and Its Catalytic Properties in Phenol Hydroxylation. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 135-141.	0.9	133
3	A new heterogeneous catalyst for epoxidation of alkenes via one-step post-functionalization of IRMOF-3 with a manganese(ii) acetylacetonate complex. <i>Chemical Communications</i> , 2011, 47, 3637.	2.2	133
4	Selective oxidation of tetralin over a chromium terephthalate metal organic framework, MIL-101. <i>Chemical Communications</i> , 2009, , 3904.	2.2	120
5	Zeolitic Imidazolate Frameworks: Synthesis, Functionalization, and Catalytic/Adsorption Applications. <i>Catalysis Surveys From Asia</i> , 2014, 18, 101-127.	1.0	119
6	Synthesis and application of layered double hydroxide-hosted catalysts for stereoselective epoxidation using molecular oxygen or air. <i>Journal of Catalysis</i> , 2004, 225, 398-407.	3.1	99
7	Synthesis and characterization of novel chiral sulfonato-salen-manganese(iii) complex in a zinc-aluminium LDH host. <i>Chemical Communications</i> , 2004, , 554-555.	2.2	92
8	Post-synthesis functionalization of a zeolitic imidazolate structure ZIF-90: a study on removal of Hg(II) from water and epoxidation of alkenes. <i>CrystEngComm</i> , 2015, 17, 2575-2582.	1.3	85
9	Comparison of the epoxidation of cyclohexene, dicyclopentadiene and 1,5-cyclooctadiene over LDH hosted Fe and Mn sulfonato-salen complexes. <i>Journal of Molecular Catalysis A</i> , 2006, 249, 103-110.	4.8	68
10	Novel Chiral Sulphonato-Salen-Manganese(III)-Pillared Hydrotalcite Catalysts for the Asymmetric Epoxidation of Styrenes and Cyclic Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 151-158.	2.1	52
11	Comparison of Co with Mn and Fe in LDH-hosted Sulfonato-Salen Catalysts for Olefin Epoxidation. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14124-14130.	1.5	45
12	Metal-Organic Frameworks for Catalysis. <i>Catalysis Surveys From Asia</i> , 2015, 19, 203-222.	1.0	42
13	Gd <sup>3+</sup> Adsorption over Carboxylic- and Amino-Group Dual-Functionalized UiO-66. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 2324-2332.	1.8	41
14	Epoxidation by Layered Double Hydroxide-Hosted Catalysts. Catalyst Synthesis and Use in the Epoxidation of R-(+)-Limonene and (-)- $\alpha$ -Pinene Using Molecular Oxygen. <i>Catalysis Letters</i> , 2004, 95, 119-125.	1.4	36
15	Synthesis of a sulfonato-salen-nickel(ii) complex immobilized in LDH for tetralinoxidation. <i>New Journal of Chemistry</i> , 2010, 34, 156-162.	1.4	30
16	CrAPO-5 catalysts having a hierarchical pore structure for the selective oxidation of tetralin to 1-tetralone. <i>New Journal of Chemistry</i> , 2010, 34, 2971.	1.4	26
17	Ligand control on the synthesis and redox potency of mononuclear manganese-(III) and -(IV) complexes with tridentate ONS co-ordination. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2799.	1.1	24
18	Aqueous Nd <sup>3+</sup> capture using a carboxyl-functionalized porous carbon derived from ZIF-8. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 702-712.	5.0	18

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19	Pd Nanoparticles Supported on MIL-101: An Efficient Recyclable Catalyst in Oxidation and Hydrogenation Reactions. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 2546-2552.	0.9	7
20	Oxidation of tetralin to 1-tetralone over CrAPO-5. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 701-705.	1.2	5
21	Synthesis and application of layered double hydroxide-hosted 2-aminoterephthalate for the Knoevenagel condensation reaction. <i>Inorganic and Nano-Metal Chemistry</i> , 2018, 48, 340-346.	0.9	5