Rajib Bandyopadhyay

List of Publications by Year
in descending order

33	497	759233 12	713466 21
papers	citations	h-index	g-index

34	34	34	387
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vapour phase beckmann rearrangement of cyclohexanone oxime over SAPO-11 molecular sieve. Applied Catalysis A: General, 1996, 136, 249-263.	4.3	80
2	Synthesis of borosilicate zeolites by the dry gel conversion method and their characterization. Microporous and Mesoporous Materials, 1999, 32, 81-91.	4.4	53
3	Catalytic performance of silicoaluminophosphate (SAPO) molecular sieves in the isopropylation of biphenyl. Applied Catalysis A: General, 2002, 225, 51-62.	4.3	44
4	Title is missing!. Journal of Porous Materials, 2002, 9, 83-95.	2.6	29
5	Comparison of sulfonic acid loaded mesoporous silica in transesterification of triacetin. Reaction Kinetics, Mechanisms and Catalysis, 2019, 126, 167-179.	1.7	22
6	Synthesis of high-silica [Al]-SSZ-31 by a steam-assisted conversion method and its catalytic performance in the isopropylation of biphenyl. Journal of Materials Chemistry, 2001, 11, 1869-1874.	6.7	20
7	Solvent-free selective oxidation of toluene over metal-doped MCM-22. New Journal of Chemistry, 2019, 43, 4406-4412.	2.8	19
8	Catalytic Gasification of Biomass in Dual-Bed Gasifier for Producing Tar-Free Syngas. Energy & Fuels, 2019, 33, 2453-2466.	5.1	19
9	Transalkylation of cumene with toluene over zeolite Beta. Applied Catalysis A: General, 1996, 135, 249-259.	4.3	17
10	Transalkylation reaction â€“ An alternative route to produce industrially important intermediates such as cymene. Catalysis Today, 1998, 44, 245-252.	4.4	17
11	Preparation, characterization, and post-synthetic modification of layered MCM-22 zeolite precursor. Journal of Chemical Sciences, 2017, 129, 1671-1676.	1.5	17
12	Synthesis of AlPO4-5 and AlPO4-11 Molecular Sieves by Dry-Gel Conversion Method. Chemistry Letters, 2000, 29, 1024-1025.	1.3	15
13	Synthesis of Hierarchical SAPOâ€5 & SAPOâ€34 Materials by Postâ€Synthetic Alkali Treatment and Their Enhanced Catalytic Activity in Transesterification. European Journal of Inorganic Chemistry, 2020, 2020, 847-853.	2.0	12
14	Synthesis of Hierarchical Silicoaluminophosphate (SAPO) Molecular Sieves by Postâ€Synthetic Modification and Their Catalytic Application. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	12
15	Catalytic conversion of Jatropha Oil to biofuel over titania, zirconia, and ceria loaded amorphous aluminoâ€silicate catalysts. Environmental Progress and Sustainable Energy, 2017, 36, 749-757.	2.3	11
16	Tetranuclear Zn complex covalently immobilized on sulfopropylsilylated mesoporous silica: An efficient catalyst for ring opening reaction of epoxide with amine. Molecular Catalysis, 2020, 497, 111220.	2.0	11
17	Synthesis of [Al]-SSZ-31 by Dry-Gel Conversion (DGC) Method. Chemistry Letters, 2000, 29, 300-301.	1.3	10
18	Immobilization of a Zn₄ complex on functionalized layered HUS-7: synthesis, structural investigation and catalytic activity. New Journal of Chemistry, 2022, 46, 9418-9431.	2.8	10

#	Article	IF	Citations
19	Spectroscopic studies of vanadium incorporated SAPO-11. Journal of Molecular Catalysis A, 1995, 104, 103-110.	4.8	9
20	Selective acidic, oxidative and reductive reactions over ALPO-11 and Si or metal substituted ALPO-11. Studies in Surface Science and Catalysis, 1995, , 343-350.	1.5	9
21	Title is missing!. Catalysis Letters, 1998, 50, 153-158.	2.6	9
22	Zeolite Y from kaolin clay of Kachchh, India: Synthesis, characterization and catalytic application. Journal of the Indian Chemical Society, 2021, 98, 100246.	2.8	9
23	Highly regenerative, fast colorimetric response for organo-toxin and oxo-anions in an aqueous medium using a discrete luminescent Cd(<scp>ii</scp>) complex in a heterogeneous manner with theoretical revelation. Dalton Transactions, 2022, 51, 7436-7454.	3.3	9
24	Alkali metal modified nano-silicalite-1: an efficient catalyst for transesterification of triacetin. Journal of Porous Materials, 2016, 23, 1197-1205.	2.6	8
25	Nano-sized Silicalite-1: novel route of synthesis, metal impregnation and its application in selective oxidation of toluene. Journal of Chemical Sciences, 2019, 131, 1.	1.5	7
26	Synthesis of Borosilicate Zeolites by Dry Gel Conversion (DGC) Method. Chemistry Letters, 1998, 27, 813-814.	1.3	6
27	Formation ofN-methylaniline by transalkylation of aniline withN,N-dimethylaniline over zeolite Beta. Applied Catalysis A: General, 1997, 155, 27-39.	4.3	4
28	Transalkylation of toluene with diisopropylbenzene over rey zeolite. Reaction Kinetics and Catalysis Letters, 1997, 60, 171-177.	0.6	3
29	Post-synthetic amine functionalized SAPO-5 & SAPO-34 molecular sieves for epoxide ring opening reactions. Materials Today: Proceedings, 2021, 45, 3726-3732.	1.8	3
30	Synthesis of alumino, boro, and gallosilicate zeolites by steam-assisted conversion method and their characterization. Studies in Surface Science and Catalysis, 2002, , 15-22.	1.5	1
31	Evaluation of Major Product Distribution Using Experimentalâ€Theoretical Comparative Studies on Toluene and Ethylbenzene Ethylation over Catalysts Zeolite MCMâ€22 and Modified MCMâ€22. ChemistrySelect, 2019, 4, 3047-3051.	1.5	1
32	Structural and composition enhancement of Indian Kachchh kaolin clay: characterisation and application as low-cost catalyst. Indian Chemical Engineer, 2022, 64, 121-131.	1.5	1
33	Development of Hierarchical MCM-22 Layered Zeolite for Selective Glycerol Dehydration. Springer Proceedings in Physics, 2019, , 301-310.	0.2	0