Sujit Sen

List of Publications by Year in descending order

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29	456	840776 11	752698 20
papers	citations	h-index	g-index

29	29	29	412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimization of synthesis parameters and characterization of coal fly ash derived microporous zeolite X. Applied Surface Science, 2018, 455, 903-910.	6.1	66
2	Efficient sono-sorptive elimination of methylene blue by fly ash-derived nano-zeolite X: Process optimization, isotherm and kinetic studies. Journal of Cleaner Production, 2019, 208, 1241-1254.	9.3	50
3	Advanced oxidation process: a sustainable technology for treating refractory organic compounds present in industrial wastewater. Environmental Science and Pollution Research, 2023, 30, 25477-25505.	5.3	46
4	Efficient removal of textile dye using nanosized fly ash derived zeolite-x: Kinetics and process optimization study. Journal of the Taiwan Institute of Chemical Engineers, 2019, 96, 305-314.	5.3	45
5	Rapid ultrasound assisted hydrothermal synthesis of highly pure nanozeolite X from fly ash for efficient treatment of industrial effluent. Chemosphere, 2018, 210, 816-823.	8.2	39
6	Rice husk ash derived nanocrystalline ZSM-5 for highly efficient removal of a toxic textile dye. Journal of Materials Research and Technology, 2020, 9, 14853-14864.	5.8	28
7	Remediation of Dyes from Industrial Wastewater Using Low-Cost Adsorbents. Environmental Chemistry for A Sustainable World, 2021, , 377-403.	0.5	27
8	Swift sono-hydrothermal synthesis of pure NaX nanocrystals with improved sorption capacity from industrial resources. Applied Surface Science, 2019, 463, 190-196.	6.1	22
9	Valorization of coal fly ash into nanozeolite by sonication-assisted hydrothermal method. Journal of Environmental Management, 2019, 235, 145-151.	7.8	19
10	Sono-assisted Adsorption of As(V) from Water by Rice-Husk-Ash-Derived Iron-Modified Mesoporous Zeolite Y: A Cradle-to-Cradle Solution to a Problematic Solid Waste Material. Industrial & Engineering Chemistry Research, 2019, 58, 14073-14087.	3.7	15
11	A new mechanistic model for liquidâ€“liquid phase transfer catalysis: Reaction of benzyl chloride with aqueous ammonium sulfide. Chemical Engineering Science, 2009, 64, 4365-4374.	3.8	13
12	Kinetic investigation on liquidâ€“liquidâ€“solid phase transfer catalyzed synthesis of dibenzyl disulfide with H2S-laden monoethanolamine. Journal of Molecular Catalysis A, 2016, 411, 78-86.	4.8	11
13	An ultra-fast non-conventional waste management protocol to recycle of industrial fly ash into zeolite X. Environmental Science and Pollution Research, 2019, 26, 34693-34701.	5.3	11
14	Novelties of triphasic phase transfer catalysed Zinin reduction of nitrochlorobenzene by H₂S-laden monoethanolamine. RSC Advances, 2016, 6, 23666-23676.	3.6	10
15	Performance evaluation of bubble column photobioreactor along with CFD simulations for microalgal cultivation using human urine. Journal of Environmental Chemical Engineering, 2021, 9, 104615.	6.7	9
16	Dual Optimization in Phase Transfer Catalyzed Synthesis of Dibenzyl Sulfide using Response Surface Methodology. Organic Process Research and Development, 2016, 20, 1765-1773.	2.7	7
17	Peltophorum pterocarpum leaf extract mediated green synthesis of novel iron oxide particles for application in photocatalytic and catalytic removal of organic pollutants. Biomass Conversion and Biorefinery, 0, , 1.	4.6	6
18	Kinetics of reaction of benzyl chloride with H₂Sâ€rich aqueous monoethanolamine: selective synthesis of dibenzyl sulfide under liquidâ€“liquid phaseâ€transfer catalysis. Asia-Pacific Journal of Chemical Engineering, 2011, 6, 257-265.	1.5	5

#	Article	IF	Citations
19	Kinetic modeling on ionic liquid mediated bi-liquid phase transfer catalyzed synthesis of bis-(2-phenylethyl) sulfide with H2S-rich methyldiethanolamine. Journal of Molecular Liquids, 2018, 271, 580-588.	4.9	5
20	Advances in hydrogen sulphide utilisation: phase transfer catalysed selective reduction of nitronaphthalene. RSC Advances, 2015, 5, 102942-102952.	3.6	4
21	Kinetics and mechanism of phase transfer catalyzed synthesis of aromatic thioethers by H 2 S-rich methyldiethanolamine. Journal of Industrial and Engineering Chemistry, 2016, 37, 190-197.	5.8	4
22	Industrial Solid Waste Based EU-12 Nanozeolite: Synthesis and Characterisation. Waste and Biomass Valorization, 2022, 13, 1695-1703.	3.4	3
23	Heavy Metal Removal by Low-Cost Adsorbents. Environmental Chemistry for A Sustainable World, 2021, , 245-272.	0.5	3
24	Synthesis and characterisation of transition metal sulphide-loaded fly ashâ€“based mesoporous EU-12 photocatalysts for degradation of rhodamine B. Environmental Science and Pollution Research, 2022, 29, 74365-74376.	5.3	3
25	Novelties of selective triphasic synthesis of bis-(p-chlorobenzyl) sulfide using hydrogen sulfide and reusable phase transfer catalyst. Journal of Molecular Catalysis A, 2016, 418-419, 30-40.	4.8	2
26	Multivariate Analysis in Selective Nitroacetophenone Conversion by Hydrogen Sulfide under Phase Transfer Catalysis. Organic Process Research and Development, 2017, 21, 23-30.	2.7	2
27	Fly-Ash Derived Zeolite as a Versatile Novel Material in Civil Engineering: An Overview. Springer Proceedings in Materials, 2021, , 255-262.	0.3	1
28	Highly Selective Room Temperature Monoreduction of Dinitroâ€arenes by Hydrogen Sulfide under Liquidâ€“Liquid Biphasic Catalysis. International Journal of Chemical Kinetics, 2018, 50, 15-30.	1.6	0
29	Tri-liquid phase transfer catalysis: A green reaction technology. , 2020, , 453-480.		0