

Sujit Sen

List of Publications by Year in descending order

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29
papers

456
citations

840776

11
h-index

752698

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g-index

29
all docs

29
docs citations

29
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced oxidation process: a sustainable technology for treating refractory organic compounds present in industrial wastewater. <i>Environmental Science and Pollution Research</i> , 2023, 30, 25477-25505.	5.3	46
2	Industrial Solid Waste Based EU-12 Nanozeolite: Synthesis and Characterisation. <i>Waste and Biomass Valorization</i> , 2022, 13, 1695-1703.	3.4	3
3	Synthesis and characterisation of transition metal sulphide-loaded fly ash based mesoporous EU-12 photocatalysts for degradation of rhodamine B. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74365-74376.	5.3	3
4	Performance evaluation of bubble column photobioreactor along with CFD simulations for microalgal cultivation using human urine. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104615.	6.7	9
5	Fly-Ash Derived Zeolite as a Versatile Novel Material in Civil Engineering: An Overview. <i>Springer Proceedings in Materials</i> , 2021, , 255-262.	0.3	1
6	Remediation of Dyes from Industrial Wastewater Using Low-Cost Adsorbents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 377-403.	0.5	27
7	Heavy Metal Removal by Low-Cost Adsorbents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 245-272.	0.5	3
8	Rice husk ash derived nanocrystalline ZSM-5 for highly efficient removal of a toxic textile dye. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14853-14864.	5.8	28
9	Tri-liquid phase transfer catalysis: A green reaction technology. , 2020, , 453-480.		0
10	Swift sono-hydrothermal synthesis of pure NaX nanocrystals with improved sorption capacity from industrial resources. <i>Applied Surface Science</i> , 2019, 463, 190-196.	6.1	22
11	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. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14073-14087.	3.7	15
12	Valorization of coal fly ash into nanozeolite by sonication-assisted hydrothermal method. <i>Journal of Environmental Management</i> , 2019, 235, 145-151.	7.8	19
13	An ultra-fast non-conventional waste management protocol to recycle of industrial fly ash into zeolite X. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34693-34701.	5.3	11
14	Efficient sono-sorptive elimination of methylene blue by fly ash-derived nano-zeolite X: Process optimization, isotherm and kinetic studies. <i>Journal of Cleaner Production</i> , 2019, 208, 1241-1254.	9.3	50
15	Efficient removal of textile dye using nanosized fly ash derived zeolite-x: Kinetics and process optimization study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 305-314.	5.3	45
16	Highly Selective Room Temperature Monoreduction of Dinitroarenes by Hydrogen Sulfide under Liquid-Liquid Biphasic Catalysis. <i>International Journal of Chemical Kinetics</i> , 2018, 50, 15-30.	1.6	0
17	Kinetic modeling on ionic liquid mediated bi-liquid phase transfer catalyzed synthesis of bis-(2-phenylethyl) sulfide with H ₂ S-rich methyldiethanolamine. <i>Journal of Molecular Liquids</i> , 2018, 271, 580-588.	4.9	5
18	Optimization of synthesis parameters and characterization of coal fly ash derived microporous zeolite X. <i>Applied Surface Science</i> , 2018, 455, 903-910.	6.1	66

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19	Rapid ultrasound assisted hydrothermal synthesis of highly pure nanozeolite X from fly ash for efficient treatment of industrial effluent. <i>Chemosphere</i> , 2018, 210, 816-823.	8.2	39
20	Multivariate Analysis in Selective Nitroacetophenone Conversion by Hydrogen Sulfide under Phase Transfer Catalysis. <i>Organic Process Research and Development</i> , 2017, 21, 23-30.	2.7	2
21	Novelties of triphasic phase transfer catalysed Zinin reduction of nitrochlorobenzene by H ₂ S-laden monoethanolamine. <i>RSC Advances</i> , 2016, 6, 23666-23676.	3.6	10
22	Novelties of selective triphasic synthesis of bis-(p-chlorobenzyl) sulfide using hydrogen sulfide and reusable phase transfer catalyst. <i>Journal of Molecular Catalysis A</i> , 2016, 418-419, 30-40.	4.8	2
23	Dual Optimization in Phase Transfer Catalyzed Synthesis of Dibenzyl Sulfide using Response Surface Methodology. <i>Organic Process Research and Development</i> , 2016, 20, 1765-1773.	2.7	7
24	Kinetics and mechanism of phase transfer catalyzed synthesis of aromatic thioethers by H ₂ S-rich methyl-diethanolamine. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 37, 190-197.	5.8	4
25	Kinetic investigation on liquid-liquid-solid phase transfer catalyzed synthesis of dibenzyl disulfide with H ₂ S-laden monoethanolamine. <i>Journal of Molecular Catalysis A</i> , 2016, 411, 78-86.	4.8	11
26	Advances in hydrogen sulphide utilisation: phase transfer catalysed selective reduction of nitronaphthalene. <i>RSC Advances</i> , 2015, 5, 102942-102952.	3.6	4
27	Kinetics of reaction of benzyl chloride with H ₂ S-rich aqueous monoethanolamine: selective synthesis of dibenzyl sulfide under liquid-liquid phase-transfer catalysis. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2011, 6, 257-265.	1.5	5
28	A new mechanistic model for liquid-liquid phase transfer catalysis: Reaction of benzyl chloride with aqueous ammonium sulfide. <i>Chemical Engineering Science</i> , 2009, 64, 4365-4374.	3.8	13
29	<i>Peltophorum pterocarpum</i> leaf extract mediated green synthesis of novel iron oxide particles for application in photocatalytic and catalytic removal of organic pollutants. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	6