Shirsendu Banerjee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10880141/publications.pdf

Version: 2024-02-01

13	351	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile synthesis, characterization and application of magnetic Fe3O4-coir pith composites for the removal of methyl violet from aqueous solution: Kinetics, isotherm, thermodynamics and parametric optimization. Journal of the Indian Chemical Society, 2022, 99, 100447.	2.8	5
2	Ag/biochar nanocomposites demonstrate remarkable catalytic activity towards reduction of p-nitrophenol via restricted agglomeration and leaching characteristics. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 642, 128616.	4.7	14
3	A review on the treatment of textile industry waste effluents towards the development of efficient mitigation strategy: An integrated system design approach. Journal of Environmental Chemical Engineering, 2021, 9, 105277.	6.7	142
4	Maghemite/ZnO nanocomposites: A highly efficient, reusable and non-noble metal catalyst for reduction of 4-nitrophenol. Advanced Powder Technology, 2021, 32, 2905-2915.	4.1	14
5	Catalytic conversion of CO2 to biofuel (methanol) and downstream separation in membrane-integrated photoreactor system under suitable conditions. International Journal of Hydrogen Energy, 2020, 45, 675-690.	7.1	16
6	Photocatalytic conversion of CO2 to methanol using membrane-integrated Green approach: A review on capture, conversion and purification. Journal of Environmental Chemical Engineering, 2020, 8, 103935.	6.7	43
7	A study on removal of Cr(III) from aqueous solution using biomass of Cymbopogon flexuosus immobilized in sodium alginate beads and its use as hydrogenation catalyst. Journal of the Taiwan Institute of Chemical Engineers, 2019, 102, 118-132.	5.3	23
8	Experimental and Correlation Development of Heavy Oil Viscosity Using Bio-Additives. Energy & Fuels, 2019, 33, 6313-6326.	5.1	5
9	Hydrodynamics and energy analysis of heavy crude oil transportation through horizontal pipelines using novel surfactant. Journal of Petroleum Science and Engineering, 2019, 178, 140-151.	4.2	16
10	Experimental Investigation on Hydrodynamics of Two-Phase Crude Oil Flow in Horizontal Pipe With Novel Surfactant. Journal of Fluids Engineering, Transactions of the ASME, 2018, 140, .	1.5	12
11	The effect of a bio additive on the viscosity and the energy requirement on heavy crude oil flow. Petroleum Science and Technology, 2018, 36, 99-107.	1.5	12
12	Flow improvement of heavy crude oil through pipelines using surfactant extracted from soapnuts. Journal of Petroleum Science and Engineering, 2017, 152, 353-360.	4.2	33
13	Rheological modeling and drag reduction studies of Indian heavy crude oil in presence of novel surfactant. Petroleum Science and Technology, 2017, 35, 2287-2295.	1.5	16