

Shirsendu Banerjee

List of Publications by Year in descending order

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

Version: 2024-02-01

13
papers

351
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

253
citing authors

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