

Sushobhan Pradhan

List of Publications by Year in descending order

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13
papers

263
citations

1162889

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1199470

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14
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docs citations

14
times ranked

270
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microbial biodiesel: a comprehensive study toward sustainable biofuel production. , 2022, , 353-375. | | 1 |
| 2 | Assessment of farm-level biodiesel unitâ€”a potential alternative for sustainable future. , 2022, , 377-396. | | 4 |
| 3 | An Analytical Method to Estimate Supersaturation in Gasâ€”Liquid Systems as a Function of Pressure-Reduction Step and Waiting Time. Eng, 2022, 3, 116-123. | 1.2 | 4 |
| 4 | Effect of Wettability on Vacuum-Driven Bubble Nucleation. Processes, 2022, 10, 1073. | 1.3 | 1 |
| 5 | A parametric study of layer-by-layer deposition of CaCO ₃ on glass surfaces towards fabricating carbonate reservoirs on microfluidic chips. Journal of Petroleum Science and Engineering, 2021, 198, 108231. | 2.1 | 13 |
| 6 | Mechanistic investigation in ultrasoundâ€”assisted interesterification using nonâ€”edible oil blends and heterogeneous catalyst. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2638. | 0.8 | 5 |
| 7 | Production, Characterization, and Applications of Biodegradable Polymer: Polyhydroxyalkanoates. Materials Horizons, 2020, , 51-94. | 0.3 | 15 |
| 8 | A method to perform float-and-sink test for separation of coal samples of various densities and determination of â€”Probable Errorâ€” and â€”Imperfectionâ€”. IOP SciNotes, 2020, 1, 024403. | 0.4 | 6 |
| 9 | A semi-experimental procedure for the estimation of permeability of microfluidic pore network. MethodsX, 2019, 6, 704-713. | 0.7 | 13 |
| 10 | Influence of wettability on pressure-driven bubble nucleation: A potential method for dissolved gas separation. Separation and Purification Technology, 2019, 217, 31-39. | 3.9 | 12 |
| 11 | Production, ultrasonic extraction, and characterization of poly (3â€”hydroxybutyrate) (PHB) using <i>Bacillus megaterium</i> and <i>Cupriavidus necator</i> . Polymers for Advanced Technologies, 2018, 29, 2392-2400. | 1.6 | 82 |
| 12 | Microbial production, ultrasound-assisted extraction and characterization of biopolymer polyhydroxybutyrate (PHB) from terrestrial (<i>P. hysterophorus</i>) and aquatic (<i>E. crassipes</i>) invasive weeds. Bioresource Technology, 2017, 242, 304-310. | 4.8 | 81 |
| 13 | Effect of crushing on near-gravity material distribution in different size fractions of an Indian non-coking coal. Journal of the South African Institute of Mining and Metallurgy, 2016, 116, . | 0.5 | 11 |