

Soumen K Maiti

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

213
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of the separation of inhibitory components from pretreated rice straw hydrolysate by nanofiltration membranes. <i>Bioresource Technology</i> , 2012, 114, 419-427.	9.6	57
2	Concomitant production of fatty acid methyl ester (biodiesel) and exopolysaccharides using efficient harvesting technology in flat panel photobioreactor with special sparging system via <i>Scenedesmus abundans</i> . <i>Bioresource Technology</i> , 2019, 278, 231-241.	9.6	31
3	Real time light intensity based carbon dioxide feeding for high cell-density microalgae cultivation and biodiesel production in a bubble column photobioreactor under outdoor natural sunlight. <i>Bioresource Technology</i> , 2019, 284, 43-55.	9.6	28
4	Recent progress and challenges in cyanobacterial autotrophic production of polyhydroxybutyrate (PHB), a bioplastic. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105379.	6.7	26
5	A novel bubble-driven internal mixer for improving productivities of algal biomass and biodiesel in a bubble-column photobioreactor under natural sunlight. <i>Renewable Energy</i> , 2020, 157, 605-615.	8.9	22
6	Biodegradation of waste cooking oil and simultaneous production of rhamnolipid biosurfactant by <i>Pseudomonas aeruginosa</i> P7815 in batch and fed-batch bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 309-319.	3.4	16
7	Designing a CO ₂ supply strategy for microalgal biodiesel production under diurnal light in a cylindrical-membrane photobioreactor. <i>Bioresource Technology</i> , 2018, 250, 936-941.	9.6	9
8	An approach for simultaneous detoxification and increment of cellulase enzyme production by <i>Trichoderma reesei</i> using rice straw. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 2691-2703.	2.3	7
9	A Strategy for Simultaneous Xylose Utilization and Enhancement of Cellulase Enzyme Production by <i>Trichoderma reesei</i> Cultivated on Liquid Hydrolysate Followed by Induction with Feeding of Solid Sugarcane Bagasse. <i>Waste and Biomass Valorization</i> , 2020, 11, 3151-3160.	3.4	7
10	Production of biodiesel by autotrophic <i>Chlorella pyrenoidosa</i> in a sintered disc lab scale bubble column photobioreactor under natural sunlight. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 255-269.	1.9	4
11	Advances in Biotechnological Tools for Bioremediation of Wastewater Using Bacterial-Algal Symbiotic System. , 2021, , 385-411.		3
12	Current knowledge on cyanobacterial biobutanol production: advances, challenges, and prospects. <i>Reviews in Environmental Science and Biotechnology</i> , 0, , 1.	8.1	2
13	Biorefinery Approaches for the Production of Fuels and Chemicals from Lignocellulosic and Algal Feedstocks. , 2020, , 141-170.		1
14	PSII as an in vivo molecular catalyst for the production of energy rich hydroquinones - A new approach in renewable energy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 180, 134-139.	3.8	0