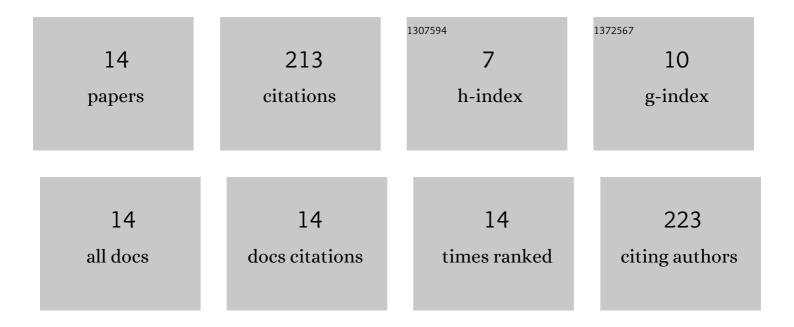
Soumen K Maiti

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modeling of the separation of inhibitory components from pretreated rice straw hydrolysate by nanofiltration membranes. Bioresource Technology, 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 Scenedesmus abundans. Bioresource Technology, 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. Bioresource Technology, 2019, 284, 43-55.	9.6	28
4	Recent progress and challenges in cyanobacterial autotrophic production of polyhydroxybutyrate (PHB), a bioplastic. Journal of Environmental Chemical Engineering, 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. Renewable Energy, 2020, 157, 605-615.	8.9	22
6	Biodegradation of waste cooking oil and simultaneous production of rhamnolipid biosurfactant by Pseudomonas aeruginosa P7815 in batch and fed-batch bioreactor. Bioprocess and Biosystems Engineering, 2022, 45, 309-319.	3.4	16
7	Designing a CO2 supply strategy for microalgal biodiesel production under diurnal light in a cylindrical-membrane photobioreactor. Bioresource Technology, 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. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 2691-2703.	2.3	7
9	A Strategy for Simultaneous Xylose Utilization and Enhancement of Cellulase Enzyme Production by Trichoderma reesei Cultivated on Liquid Hydrolysate Followed by Induction with Feeding of Solid Sugarcane Bagasse. Waste and Biomass Valorization, 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. Preparative Biochemistry and Biotechnology, 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. Reviews in Environmental Science and Biotechnology, 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. Journal of Photochemistry and Photobiology B: Biology, 2018, 180, 134-139.	3.8	0