Rahulkumar Maurya

List of Publications by Year
in descending order

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23 papers	1,639 citations	430874 18 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	1848 citing authors

#	Article	IF	Citations
1	Advances in microalgal research for valorization of industrial wastewater. Bioresource Technology, 2022, 343, 126128.	9.6	28
2	Physiological responses of the green microalga Acutodesmus dimorphus to temperature induced oxidative stress conditions. Physiologia Plantarum, 2020, 170, 462-473.	5.2	14
3	Recent Advances and Future Prospective of Biogas Production. , 2019, , 159-178.		14
4	Cyanobacterial Pigments as Natural Anti-Hyperglycemic Agents: An In vitro Study. Frontiers in Marine Science, 2016, 3, .	2.5	27
5	Applications of de-oiled microalgal biomass towards development of sustainable biorefinery. Bioresource Technology, 2016, 214, 787-796.	9.6	77
6	Non-isothermal pyrolysis of de-oiled microalgal biomass: Kinetics and evolved gas analysis. Bioresource Technology, 2016, 221, 251-261.	9.6	45
7	Green synthesis, characterization and antioxidant potential of silver nanoparticles biosynthesized from de-oiled biomass of thermotolerant oleaginous microalgae Acutodesmus dimorphus. RSC Advances, 2016, 6, 72269-72274.	3.6	81
8	Solar driven mass cultivation and the extraction of lipids from Chlorella variabilis: A case study. Algal Research, 2016, 14, 137-142.	4.6	30
9	Hydrolysate of lipid extracted microalgal biomass residue: An algal growth promoter and enhancer. Bioresource Technology, 2016, 207, 197-204.	9.6	36
10	Microalgal carotenoids: Potential nutraceutical compounds with chemotaxonomic importance. Algal Research, 2016, 15, 24-31.	4.6	66
11	Growth medium standardization and thermotolerance study of the freshwater microalga Acutodesmus dimorphusâ€"a potential strain for biofuel production. Journal of Applied Phycology, 2016, 28, 2687-2696.	2.8	18
12	Comparative evaluation of chemical and enzymatic saccharification of mixotrophically grown de-oiled microalgal biomass for reducing sugar production. Bioresource Technology, 2016, 204, 9-16.	9.6	53
13	Antioxidant, Anti-Nephrolithe Activities and in Vitro Digestibility Studies of Three Different Cyanobacterial Pigment Extracts. Marine Drugs, 2015, 13, 5384-5401.	4.6	31
14	Biofuel potential of the newly isolated microalgae Acutodesmus dimorphus under temperature induced oxidative stress conditions. Bioresource Technology, 2015, 180, 162-171.	9.6	132
15	Microalgal Rainbow Colours for Nutraceutical and Pharmaceutical Applications. , 2015, , 777-791.		10
16	Bicarbonate supplementation enhanced biofuel production potential as well as nutritional stress mitigation in the microalgae Scenedesmus sp. CCNM 1077. Bioresource Technology, 2015, 193, 315-323.	9.6	96
17	Salinity induced oxidative stress enhanced biofuel production potential of microalgae Scenedesmus sp. CCNM 1077. Bioresource Technology, 2015, 189, 341-348.	9.6	264
18	Selective carotenoid accumulation by varying nutrient media and salinity in Synechocystis sp. CCNM 2501. Bioresource Technology, 2015, 197, 363-368.	9.6	67

#	Article	IF	Citations
19	Draft Genome Sequence of Halomonas hydrothermalis MTCC 5445, Isolated from the West Coast of India. Genome Announcements, 2015, 3, .	0.8	8
20	Lipid Extracted Microalgal Biomass Residue as a Fertilizer Substitute for Zea mays L.. Frontiers in Plant Science, 2015, 6, 1266.	3.6	49
21	Biosorption of Methylene Blue by De-Oiled Algal Biomass: Equilibrium, Kinetics and Artificial Neural Network Modelling. PLoS ONE, 2014, 9, e109545.	2.5	60
22	Nitrogen stress triggered biochemical and morphological changes in the microalgae Scenedesmus sp. CCNM 1077. Bioresource Technology, 2014, 156, 146-154.	9.6	363
23	Effect of light quality on the C-phycoerythrin production in marine cyanobacteria Pseudanabaena sp. isolated from Gujarat coast, India. Protein Expression and Purification, 2012, 81, 5-10.	1.3	70