Bunushree Behera

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8773076/publications.pdf

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17	435	759233 12	839539 18
papers	citations	h-index	g-index

18	18	18	343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioprocess engineering principles of microalgal cultivation for sustainable biofuel production. Bioresource Technology Reports, 2019, 5, 297-316.	2.7	61
2	Efficacy of microalgal extracts as biostimulants through seed treatment and foliar spray for tomato cultivation. Industrial Crops and Products, 2020, 151, 112453.	5.2	47
3	Natural plant extracts as an economical and ecofriendly alternative for harvesting microalgae. Bioresource Technology, 2019, 283, 45-52.	9.6	46
4	Integrated microalgal biorefinery for the production and application of biostimulants in circular bioeconomy. Bioresource Technology, 2021, 339, 125588.	9.6	38
5	Integrated biomolecular and bioprocess engineering strategies for enhancing the lipid yield from microalgae. Renewable and Sustainable Energy Reviews, 2021, 148, 111270.	16.4	35
6	Performance evaluation of hydroponic system for co-cultivation of microalgae and tomato plant. Journal of Cleaner Production, 2020, 272, 122823.	9.3	33
7	Biophysical model and techno-economic assessment of carbon sequestration by microalgal ponds in Indian coal based power plants. Journal of Cleaner Production, 2019, 221, 587-597.	9.3	32
8	Research trends and market opportunities of microalgal biorefinery technologies from circular bioeconomy perspectives. Bioresource Technology, 2022, 351, 127038.	9.6	27
9	Experimental and modelling studies of convective and microwave drying kinetics for microalgae. Bioresource Technology, 2021, 340, 125721.	9.6	25
10	Biological nutrient recovery from human urine by enriching mixed microalgal consortium for biodiesel production. Journal of Environmental Management, 2020, 260, 110111.	7.8	22
11	Techno-economic feasibility assessment of bacterial cellulose biofilm production during the Kombucha fermentation process. Bioresource Technology, 2022, 346, 126659.	9.6	18
12	Optimization of process variables on two-step microwave-assisted transesterification of waste cooking oil. Environmental Science and Pollution Research, 2020, 27, 27244-27255.	5.3	17
13	Biophysical modeling of microalgal cultivation in open ponds. Ecological Modelling, 2018, 388, 61-71.	2.5	11
14	Performance evaluation of bubble column photobioreactor along with CFD simulations for microalgal cultivation using human urine. Journal of Environmental Chemical Engineering, 2021, 9, 104615.	6.7	9
15	Uncertainty analysis and stochastic studies of techno-economics of algal carbon sequestration at Indian coal powered plants. Environmental Technology and Innovation, 2021, 24, 101897.	6.1	7
16	Evaluation of physicochemical procedures for pigment extraction from mixed microalgal consortium. Bioresource Technology Reports, 2021, 15, 100775.	2.7	4
17	Theoretical Modeling of Algal Productivity and Carbon Capture Potential in Selected Places of Odisha, India. Journal of the Institution of Engineers (India): Series A, 2020, 101, 503-512.	1.2	2