

Bunushree Behera

List of Publications by Year in descending order

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

Version: 2024-02-01

17
papers

435
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

343
citing authors

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