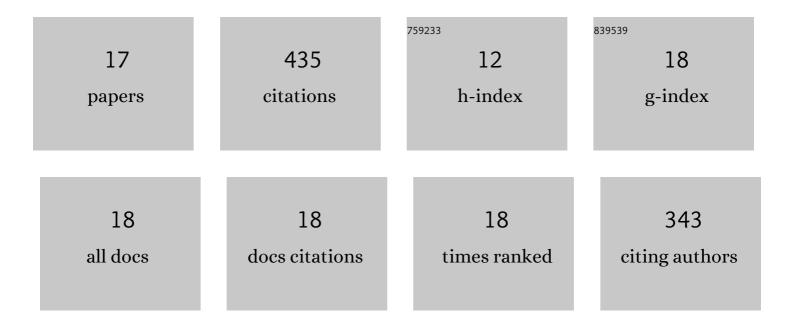
Bunushree Behera

List of Publications by Year in descending order

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RUNUSHDEE REHEDA

#	Article	IF	CITATIONS
1	Techno-economic feasibility assessment of bacterial cellulose biofilm production during the Kombucha fermentation process. Bioresource Technology, 2022, 346, 126659.	9.6	18
2	Research trends and market opportunities of microalgal biorefinery technologies from circular bioeconomy perspectives. Bioresource Technology, 2022, 351, 127038.	9.6	27
3	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
4	Evaluation of physicochemical procedures for pigment extraction from mixed microalgal consortium. Bioresource Technology Reports, 2021, 15, 100775.	2.7	4
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	Integrated microalgal biorefinery for the production and application of biostimulants in circular bioeconomy. Bioresource Technology, 2021, 339, 125588.	9.6	38
7	Experimental and modelling studies of convective and microwave drying kinetics for microalgae. Bioresource Technology, 2021, 340, 125721.	9.6	25
8	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
9	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
10	Performance evaluation of hydroponic system for co-cultivation of microalgae and tomato plant. Journal of Cleaner Production, 2020, 272, 122823.	9.3	33
11	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
12	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
13	Biological nutrient recovery from human urine by enriching mixed microalgal consortium for biodiesel production. Journal of Environmental Management, 2020, 260, 110111.	7.8	22
14	Bioprocess engineering principles of microalgal cultivation for sustainable biofuel production. Bioresource Technology Reports, 2019, 5, 297-316.	2.7	61
15	Natural plant extracts as an economical and ecofriendly alternative for harvesting microalgae. Bioresource Technology, 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. Journal of Cleaner Production, 2019, 221, 587-597.	9.3	32
17	Biophysical modeling of microalgal cultivation in open ponds. Ecological Modelling, 2018, 388, 61-71.	2.5	11