

Manaswini Behera

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

890
citations

12
h-index

29
g-index

36
ext. papers

1,043
ext. citations

4.3
avg, IF

5.07
L-index

#	Paper	IF	Citations
34	Rice mill wastewater treatment in microbial fuel cells fabricated using proton exchange membrane and earthen pot at different pH. <i>Bioelectrochemistry</i> , 2010 , 79, 228-33	5.6	209
33	Performance evaluation of low cost microbial fuel cell fabricated using earthen pot with biotic and abiotic cathode. <i>Bioresource Technology</i> , 2010 , 101, 1183-9	11	186
32	Performance of microbial fuel cell in response to change in sludge loading rate at different anodic feed pH. <i>Bioresource Technology</i> , 2009 , 100, 5114-21	11	138
31	Performance comparison of up-flow microbial fuel cells fabricated using proton exchange membrane and earthen cylinder. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 5681-5686	6.7	73
30	Electricity generation in low cost microbial fuel cell made up of earthenware of different thickness. <i>Water Science and Technology</i> , 2011 , 64, 2468-73	2.2	48
29	Effect of operating temperature on performance of microbial fuel cell. <i>Water Science and Technology</i> , 2011 , 64, 917-22	2.2	45
28	Comparative evaluation of methanogenesis suppression methods in microbial fuel cell during rice mill wastewater treatment. <i>Environmental Technology and Innovation</i> , 2020 , 17, 100509	7	28
27	Comparison of titanium dioxide based catalysts preparation methods in the mineralization and nutrients removal from greywater by solar photocatalysis. <i>Journal of Cleaner Production</i> , 2019 , 235, 1-10 ^{10.3}		21
26	Ceramic membrane modified with rice husk ash for application in microbial fuel cells. <i>Electrochimica Acta</i> , 2020 , 363, 137261	6.7	16
25	Assessment of Heavy Metal Removal in Different Bioelectrochemical Systems: A Review. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 04020010	2.3	14
24	Review of the Process Optimization in Microbial Fuel Cell using Design of Experiment Methodology. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 04020013	2.3	14
23	Methanogenesis suppression in microbial fuel cell by aluminium dosing. <i>Bioelectrochemistry</i> , 2019 , 129, 206-210	5.6	13
22	Optimization of Operating Conditions for Maximizing Power Generation and Organic Matter Removal in Microbial Fuel Cell. <i>Journal of Environmental Engineering, ASCE</i> , 2017 , 143, 04016090	2	12
21	EFFECT OF SULFATE CONCENTRATION IN THE WASTEWATER ON MICROBIAL FUEL CELL PERFORMANCE. <i>Environmental Engineering and Management Journal</i> , 2010 , 9, 1227-1234	0.6	12
20	Greywater treatment using modified solar photocatalyst- degradation, kinetics, pathway and toxicity analysis. <i>Separation and Purification Technology</i> , 2020 , 251, 117319	8.3	10
19	Enhancement of bioelectricity generation by integrating acidogenic compartment into a dual-chambered microbial fuel cell during rice mill wastewater treatment. <i>Process Biochemistry</i> , 2021 , 105, 19-26	4.8	8
18	Evaluation of the effect of anolyte recirculation and anolyte pH on the performance of a microbial fuel cell employing ceramic separator. <i>Process Biochemistry</i> , 2021 , 102, 207-212	4.8	7

17	Evaluating the Effect of the Antibiotic Ampicillin on Performance of a Low-Cost Microbial Fuel Cell. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 04020011	2.3	7
16	Performance evaluation of microbial fuel cells employing ceramic separator of different surface area modified with mineral cation exchanger. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	6
15	Treatment of Organic Fraction of Municipal Solid Waste in Bioelectrochemical Systems: A Review. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 04020018	2.3	6
14	Graywater Treatment in Sequencing Batch Reactor Using Simultaneous Nitrification, Denitrification, and Phosphorus Removal, with Kinetic Studies of Phosphate Adsorption onto Corn cob. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 04020017	2.3	4
13	Microbial Fuel Cells 2019 , 91-116		3
12	Application of clayware ceramic separator modified with silica in microbial fuel cell for bioelectricity generation during rice mill wastewater treatment. <i>Water Science and Technology</i> , 2021 , 84, 66-76	2.2	3
11	Methanogenesis suppression and increased power generation in microbial fuel cell during treatment of chloroform containing wastewater. <i>Chemical Engineering Research and Design</i> , 2021 , 148, 249-255	5.5	3
10	Bioaugmentation using <i>Pseudomonas aeruginosa</i> with an approach of intermittent aeration for enhanced power generation in ceramic MFC. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 45, 101138	4.7	2
9	Pharmaceutical wastewater treatment in microbial fuel cell 2020 , 135-155		1
8	Greywater treatment in SBR-SND reactor - optimization of hydraulic retention time, volumetric exchange ratio and sludge retention time.. <i>Environmental Technology (United Kingdom)</i> , 2022 , 1-25	2.6	1
7	Sodium nitrate as a methanogenesis suppressor in earthen separator microbial fuel cell treating rice mill wastewater. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
6	Groundwater Vulnerability Assessment from a Drinking Water Perspective: Case Study in a Tropical Groundwater Basin in Eastern India. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2021 , 25, 05021004	2.3	0
5	Greywater Treatment in Continuous Flow Solar Photocatalytic Reactor Using Graphite Supported Nitrogen-Doped TiO ₂ . <i>Environmental Science and Engineering</i> , 2021 , 157-167	0.2	0
4	Sequential anaerobic-aerobic treatment of rice mill wastewater and simultaneous power generation in microbial fuel cell.. <i>Environmental Technology (United Kingdom)</i> , 2022 , 1-7	2.6	0
3	Industrial Wastewater Treatment in Bio-electrochemical Systems 2022 , 345-373		0
2	Application of microbial electrochemical system for industrial wastewater treatment 2022 , 195-215		
1	Microbial degradation of xenobiotics in bioelectrochemical systems 2022 , 1-22		