Manaswini Behera

List of Publications by Year in Descending Order

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	Application of microbial electrochemical system for industrial wastewater treatment **2022**, 195-215		
33	Microbial degradation of xenobiotics in bioelectrochemical systems **2022**, 1-22		
32	Sequential anaerobic-aerobic treatment of rice mill wastewater and simultaneous power generation in microbial fuel cell.. *Environmental Technology (United Kingdom)*, **2022**, 1-7	2.6	0
31	Greywater treatment in SBR-SND reactor - optimization of hydraulic retention time, volumetric exchange ratio and sludge retention time.. *Environmental Technology (United Kingdom)*, **2022**, 1-25	2.6	1
30	Industrial Wastewater Treatment in Bio-electrochemical Systems **2022**, 345-373		0
29	Evaluation of the effect of anolyte recirculation and anolyte pH on the performance of a microbial fuel cell employing ceramic separator. *Process Biochemistry*, **2021**, 102, 207-212	4.8	7
28	Bioaugmentation using Pseudomonas aeruginosa with an approach of intermittent aeration for enhanced power generation in ceramic MFC. *Sustainable Energy Technologies and Assessments*, **2021**, 45, 101138	4.7	2
27	Application of clayware ceramic separator modified with silica in microbial fuel cell for bioelectricity generation during rice mill wastewater treatment. *Water Science and Technology*, **2021**, 84, 66-76	2.2	3
26	Enhancement of bioelectricity generation by integrating acidogenic compartment into a dual-chambered microbial fuel cell during rice mill wastewater treatment. *Process Biochemistry*, **2021**, 105, 19-26	4.8	8
25	Sodium nitrate as a methanogenesis suppressor in earthen separator microbial fuel cell treating rice mill wastewater. *Environmental Science and Pollution Research*, **2021**, 1	5.1	0
24	Groundwater Vulnerability Assessment from a Drinking Water Perspective: Case Study in a Tropical Groundwater Basin in Eastern India. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2021**, 25, 05021004	2.3	0
23	Methanogenesis suppression and increased power generation in microbial fuel cell during treatment of chloroform containing wastewater. *Chemical Engineering Research and Design*, **2021**, 148, 249-255	5.5	3
22	Greywater Treatment in Continuous Flow Solar Photocatalytic Reactor Using Graphite Supported Nitrogen-Doped TiO2. *Environmental Science and Engineering*, **2021**, 157-167	0.2	0
21	Graywater Treatment in Sequencing Batch Reactor Using Simultaneous Nitrification, Denitrification, and Phosphorus Removal, with Kinetic Studies of Phosphate Adsorption onto Corncob. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 04020017	2.3	4
20	Performance evaluation of microbial fuel cells employing ceramic separator of different surface area modified with mineral cation exchanger. *SN Applied Sciences*, **2020**, 2, 1	1.8	6
19	Greywater treatment using modified solar photocatalyst- degradation, kinetics, pathway and toxicity analysis. *Separation and Purification Technology*, **2020**, 251, 117319	8.3	10
18	Treatment of Organic Fraction of Municipal Solid Waste in Bioelectrochemical Systems: A Review. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 04020018	2.3	6

List of Publications

17	Pharmaceutical wastewater treatment in microbial fuel cell **2020**, 135-155		1
16	Comparative evaluation of methanogenesis suppression methods in microbial fuel cell during rice mill wastewater treatment. *Environmental Technology and Innovation*, **2020**, 17, 100509	7	28
15	Ceramic membrane modified with rice husk ash for application in microbial fuel cells. *Electrochimica Acta*, **2020**, 363, 137261	6.7	16
14	Evaluating the Effect of the Antibiotic Ampicillin on Performance of a Low-Cost Microbial Fuel Cell. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 04020011	2.3	7
13	Assessment of Heavy Metal Removal in Different Bioelectrochemical Systems: A Review. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 04020010	2.3	14
12	Review of the Process Optimization in Microbial Fuel Cell using Design of Experiment Methodology. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 04020013	2.3	14
11	Methanogenesis suppression in microbial fuel cell by aluminium dosing. *Bioelectrochemistry*, **2019**, 129, 206-210	5.6	13
10	Comparison of titanium dioxide based catalysts preparation methods in the mineralization and nutrients removal from greywater by solar photocatalysis. *Journal of Cleaner Production*, **2019**, 235, 1-10	10.3	21
9	Microbial Fuel Cells **2019**, 91-116		3
8	Optimization of Operating Conditions for Maximizing Power Generation and Organic Matter Removal in Microbial Fuel Cell. *Journal of Environmental Engineering, ASCE*, **2017**, 143, 04016090	2	12
7	Effect of operating temperature on performance of microbial fuel cell. *Water Science and Technology*, **2011**, 64, 917-22	2.2	45
6	Electricity generation in low cost microbial fuel cell made up of earthenware of different thickness. *Water Science and Technology*, **2011**, 64, 2468-73	2.2	48
5	Performance comparison of up-flow microbial fuel cells fabricated using proton exchange membrane and earthen cylinder. *International Journal of Hydrogen Energy*, **2010**, 35, 5681-5686	6.7	73
4	Rice mill wastewater treatment in microbial fuel cells fabricated using proton exchange membrane and earthen pot at different pH. *Bioelectrochemistry*, **2010**, 79, 228-33	5.6	209
3	Performance evaluation of low cost microbial fuel cell fabricated using earthen pot with biotic and abiotic cathode. *Bioresource Technology*, **2010**, 101, 1183-9	11	186
2	EFFECT OF SULFATE CONCENTRATION IN THE WASTEWATER ON MICROBIAL FUEL CELL PERFORMANCE. *Environmental Engineering and Management Journal*, **2010**, 9, 1227-1234	0.6	12
1	Performance of microbial fuel cell in response to change in sludge loading rate at different anodic feed pH. *Bioresource Technology*, **2009**, 100, 5114-21	11	138