

Baranitharan Ethiraj

List of Publications by Year in descending order

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17
papers

619
citations

623734

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888059

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17
all docs

17
docs citations

17
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of biofilm formation on the performance of microbial fuel cell for the treatment of palm oil mill effluent. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 15-24.	3.4	99
2	An Insight of Synergy between <i>Pseudomonas aeruginosa</i> and <i>Klebsiella variicola</i> in a Microbial Fuel Cell. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4130-4137.	6.7	54
3	Bioelectricity Generation from Palm Oil Mill Effluent in Microbial Fuel Cell Using Polacrylonitrile Carbon Felt as Electrode. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	53
4	Enhanced power generation using controlled inoculum from palm oil mill effluent fed microbial fuel cell. <i>Fuel</i> , 2015, 143, 72-79.	6.4	53
5	Electrogenic and Antimethanogenic Properties of <i>Bacillus cereus</i> for Enhanced Power Generation in Anaerobic Sludge-Driven Microbial Fuel Cells. <i>Energy & Fuels</i> , 2017, 31, 6132-6139.	5.1	52
6	Augmentation of air cathode microbial fuel cell performance using wild type <i>Klebsiella variicola</i> . <i>RSC Advances</i> , 2017, 7, 4798-4805.	3.6	50
7	Enhanced Current Generation Using Mutualistic Interaction of Yeast-Bacterial Coculture in Dual Chamber Microbial Fuel Cell. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 813-821.	3.7	46
8	Ultrasound Driven Biofilm Removal for Stable Power Generation in Microbial Fuel Cell. <i>Energy & Fuels</i> , 2017, 31, 968-976.	5.1	44
9	Optimization of co-culture inoculated microbial fuel cell performance using response surface methodology. <i>Journal of Environmental Management</i> , 2018, 225, 242-251.	7.8	41
10	Bio-electrochemical power generation in petrochemical wastewater fed microbial fuel cell. <i>Science of the Total Environment</i> , 2019, 695, 133820.	8.0	30
11	Correlation of power generation with time-course biofilm architecture using <i>Klebsiella variicola</i> in dual chamber microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 25933-25941.	7.1	26
12	Biofilm re-vitalization using hydrodynamic shear stress for stable power generation in microbial fuel cell. <i>Journal of Electroanalytical Chemistry</i> , 2019, 844, 14-22.	3.8	21
13	Antimicrobial peptides: Promising alternatives over conventional capture ligands for biosensor-based detection of pathogenic bacteria. <i>Biotechnology Advances</i> , 2022, 55, 107901.	11.7	20
14	Carbon Nanotube-Modified MnO ₂ : An Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2017, 2, 7637-7644.	1.5	16
15	Potentiality of petrochemical wastewater as substrate in microbial fuel cell. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 736, 032015.	0.6	6
16	Fast Biofilm Formation and Its Role on Power Generation in Palm Oil Mill Effluent Fed Microbial Fuel Cell. <i>MATEC Web of Conferences</i> , 2016, 62, 04002.	0.2	5
17	Effect of light irradiation on esterification of oleic acid with ethanol catalyzed by immobilized <i>Pseudomonas cepacia</i> lipase. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 2876-2882.	1.7	3