Paniz Izadi

List of Publications by Year
in descending order

15	283	932766 10	1058022 14
papers	citations	h-index	g-index

15	15	15	254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	What is the Role of Individual Species within Bidirectional Electroactive Microbial Biofilms: A Case Study on Desulfarculus baarsii and Desulfurivibrio alkaliphilus. ChemElectroChem, 2022, 9, .	1.7	10
2	The effect of the polarised cathode, formate and ethanol on chain elongation of acetate in microbial electrosynthesis. Applied Energy, 2021, 283, 116310.	5.1	31
3	Enhanced bio-production from CO₂by microbial electrosynthesis (MES) with continuous operational mode. Faraday Discussions, 2021, 230, 344-359.	1.6	8
4	Gas diffusion electrodes modified with binary doped polyaniline for enhanced CO2 conversion during microbial electrosynthesis. Electrochimica Acta, 2021, 372, 137853.	2.6	28
5	Bidirectional electroactive microbial biofilms and the role of biogenic sulfur in charge storage and release. IScience, 2021, 24, 102822.	1.9	16
6	How to go beyond C₁ products with electrochemical reduction of CO₂. Sustainable Energy and Fuels, 2021, 5, 5893-5914.	2.5	19
7	Impact of applied cell voltage on the performance of a microbial electrolysis cell fully catalysed by microorganisms. International Journal of Hydrogen Energy, 2020, 45, 2557-2568.	3.8	50
8	Parameters influencing the development of highly conductive and efficient biofilm during microbial electrosynthesis: the importance of applied potential and inorganic carbon source. Npj Biofilms and Microbiomes, 2020, 6, 40.	2.9	45
9	Realizing Full Potential of Bioelectrochemical and Photoelectrochemical Systems. Joule, 2020, 4, 2085-2087.	11.7	11
10	High Performing Gas Diffusion Biocathode for Microbial Fuel Cells Using Acidophilic Iron Oxidizing Bacteria. Frontiers in Energy Research, 2019, 7, .	1.2	22
11	27. Carbon dioxide utilisation by bioelectrochemical systems through microbial electrochemical synthesis. , 2019, , 561-582.		2
12	Electricity production and sulphide removal in twoâ€chambered microbial fuel cells. Canadian Journal of Chemical Engineering, 2015, 93, 2135-2140.	0.9	3
13	Power production and wastewater treatment simultaneously by dualâ€chamber microbial fuel cell technique. Biotechnology and Applied Biochemistry, 2015, 62, 483-488.	1.4	11
14	Modification of carbon paste electrode by surfactant-modified ZSM-5 nanozeolite for potentiometric determination of sulfate. Desalination and Water Treatment, 2015, 56, 1622-1632.	1.0	6
15	Simultaneous electricity generation and sulfide removal via a dual chamber microbial fuel cell. Biofuel Research Journal, 2014, 01, 34-38.	7.2	21