

# Paniz Izadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6906499/publications.pdf>

Version: 2024-02-01

15  
papers

283  
citations

932766

10  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

254  
citing authors

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