

# Ramesh Kakarla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6081850/publications.pdf>

Version: 2024-02-01

19  
papers

921  
citations

686830

13  
h-index

940134

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptotic cell-derived exosomes: messages from dying cells. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1-6.	3.2	181
2	Performance of an air-cathode microbial fuel cell under varied relative humidity conditions in the cathode chamber. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1247-1254.	1.7	9
3	Sustainable electricity generation and ammonium removal by microbial fuel cell with a microalgae assisted cathode at various environmental conditions. <i>Bioresource Technology</i> , 2019, 284, 161-167.	4.8	45
4	Algal Biocathodes. , 2019, , 525-547.		4
5	Application of high-salinity stress for enhancing the lipid productivity of <i>Chlorella sorokiniana</i> HS1 in a two-phase process. <i>Journal of Microbiology</i> , 2018, 56, 56-64.	1.3	40
6	The performance and long-term stability of low-cost separators in single-chamber bottle-type microbial fuel cells. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 288-297.	1.2	30
7	Physicochemical Parameters Governing Microbial Fuel Cell Performance. , 2018, , 189-208.		1
8	Basic Principles of Microbial Fuel Cell: Technical Challenges and Economic Feasibility. , 2017, , 165-188.		16
9	Algaeâ€”The Potential Future Fuel: Challenges and Prospects. , 2017, , 239-251.		7
10	Algae cathode microbial fuel cells for electricity generation and nutrient removal from landfill leachate wastewater. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 29433-29442.	3.8	76
11	Effect of influential factors on microbial growth and the correlation between current generation and biomass in an air cathode microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 20606-20614.	3.8	19
12	Enhanced performance of an airâ€”cathode microbial fuel cell with oxygen supply from an externally connected algal bioreactor. <i>Bioresource Technology</i> , 2015, 195, 210-216.	4.8	44
13	Highly flexible conductive fabrics with hierarchically nanostructured amorphous nickel tungsten tetraoxide for enhanced electrochemical energy storage. <i>Nano Research</i> , 2015, 8, 3749-3763.	5.8	65
14	Determination of Microbial Growth by Protein Assay in an Air-Cathode Single Chamber Microbial Fuel Cell. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1114-1118.	0.9	5
15	Microalgae <i>Scenedesmus obliquus</i> as renewable biomass feedstock for electricity generation in microbial fuel cells (MFCs). <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 784-791.	3.3	83
16	Evaluation of microbial fuel cell operation using algae as an oxygen supplier: carbon paper cathode vs. carbon brush cathode. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2453-2461.	1.7	48
17	Low-cost separators for enhanced power production and field application of microbial fuel cells (MFCs). <i>Electrochimica Acta</i> , 2014, 132, 434-440.	2.6	91
18	Photoautotrophic microalgae <i>Scenedesmus obliquus</i> attached on a cathode as oxygen producers for microbial fuel cell (MFC) operation. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 10275-10283.	3.8	125

#	ARTICLE	IF	CITATIONS
19	Increased power generation from primary sludge by a submersible microbial fuel cell and optimum operational conditions. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 635-642.	1.7	31