

# Swee Su Lim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/919517/publications.pdf>

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18  
papers

1,020  
citations

687220

13  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing hydrogen production through anode fed-batch mode and controlled cell voltage in a microbial electrolysis cell fully catalysed by microorganisms. <i>Chemosphere</i> , 2022, 288, 132548.	4.2	6
2	Microbial fuel cell-based sensor for <i>Enterobacter</i> sp. KBH6958 activity monitoring during hydrogen production: the effects of pH and glucose concentration. <i>Journal of Applied Electrochemistry</i> , 2022, 52, 1327-1342.	1.5	3
3	Pushing microbial desalination cells towards field application: Prevailing challenges, potential mitigation strategies, and future prospects. <i>Science of the Total Environment</i> , 2021, 759, 143485.	3.9	28
4	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
5	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
6	Zinc removal and recovery from industrial wastewater with a microbial fuel cell: Experimental investigation and theoretical prediction. <i>Science of the Total Environment</i> , 2021, 776, 145934.	3.9	36
7	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
8	Comparison of performance and ionic concentration gradient of two-chamber microbial fuel cell using ceramic membrane (CM) and cation exchange membrane (CEM) as separators. <i>Electrochimica Acta</i> , 2018, 259, 365-376.	2.6	58
9	Effects of Applied Potential and Reactants to Hydrogen-Producing Biocathode in a Microbial Electrolysis Cell. <i>Frontiers in Chemistry</i> , 2018, 6, 318.	1.8	21
10	Bioanode as a limiting factor to biocathode performance in microbial electrolysis cells. <i>Bioresource Technology</i> , 2017, 238, 313-324.	4.8	51
11	The biocathode of microbial electrochemical systems and microbially-influenced corrosion. <i>Bioresource Technology</i> , 2015, 190, 395-401.	4.8	69
12	Manganese oxide/functionalised carbon nanotubes nanocomposite as catalyst for oxygen reduction reaction in microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 11625-11632.	3.8	62
13	Biocathode in microbial electrolysis cell; present status and future prospects. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 23-33.	8.2	136
14	Non-Pt catalyst as oxygen reduction reaction in microbial fuel cells: A review. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 4870-4883.	3.8	269
15	Enhancement of batch biohydrogen production from prehydrolysate of acid treated oil palm empty fruit bunch. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9592-9599.	3.8	76
16	Sulfonated poly(ether ether ketone)/poly(ether sulfone) composite membranes as an alternative proton exchange membrane in microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11409-11424.	3.8	109
17	SPEEK/PES composite membranes as an alternative for proton exchange membrane in microbial fuel cell (MFC). , 2011, , .		3
18	Optimization of Electricity Generation and Palm Oil Mill Effluent (POME) Treatment from Microbial Fuel Cell. <i>Journal of Applied Sciences</i> , 2010, 10, 3355-3360.	0.1	6