

# 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

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h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Pt catalyst as oxygen reduction reaction in microbial fuel cells: A review. International Journal of Hydrogen Energy, 2014, 39, 4870-4883.	3.8	269
2	Biocathode in microbial electrolysis cell; present status and future prospects. Renewable and Sustainable Energy Reviews, 2015, 47, 23-33.	8.2	136
3	Sulfonated poly(ether ether ketone)/poly(ether sulfone) composite membranes as an alternative proton exchange membrane in microbial fuel cells. International Journal of Hydrogen Energy, 2012, 37, 11409-11424.	3.8	109
4	Enhancement of batch biohydrogen production from prehydrolysate of acid treated oil palm empty fruit bunch. International Journal of Hydrogen Energy, 2013, 38, 9592-9599.	3.8	76
5	The biocathode of microbial electrochemical systems and microbially-influenced corrosion. Bioresource Technology, 2015, 190, 395-401.	4.8	69
6	Manganese oxide/functionalised carbon nanotubes nanocomposite as catalyst for oxygen reduction reaction in microbial fuel cell. International Journal of Hydrogen Energy, 2015, 40, 11625-11632.	3.8	62
7	Comparison of performance and ionic concentration gradient of two-chamber microbial fuel cell using ceramic membrane (CM) and cation exchange membrane (CEM) as separators. Electrochimica Acta, 2018, 259, 365-376.	2.6	58
8	Bioanode as a limiting factor to biocathode performance in microbial electrolysis cells. Bioresource Technology, 2017, 238, 313-324.	4.8	51
9	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
10	Zinc removal and recovery from industrial wastewater with a microbial fuel cell: Experimental investigation and theoretical prediction. Science of the Total Environment, 2021, 776, 145934.	3.9	36
11	Pushing microbial desalination cells towards field application: Prevailing challenges, potential mitigation strategies, and future prospects. Science of the Total Environment, 2021, 759, 143485.	3.9	28
12	Gas diffusion electrodes modified with binary doped polyaniline for enhanced CO <sub>2</sub> conversion during microbial electrosynthesis. Electrochimica Acta, 2021, 372, 137853.	2.6	28
13	Effects of Applied Potential and Reactants to Hydrogen-Producing Biocathode in a Microbial Electrolysis Cell. Frontiers in Chemistry, 2018, 6, 318.	1.8	21
14	Enhanced bio-production from CO <sub>2</sub> by microbial electrosynthesis (MES) with continuous operational mode. Faraday Discussions, 2021, 230, 344-359.	1.6	8
15	Optimization of Electricity Generation and Palm Oil Mill Effluent (POME) Treatment from Microbial Fuel Cell. Journal of Applied Sciences, 2010, 10, 3355-3360.	0.1	6
16	Enhancing hydrogen production through anode fed-batch mode and controlled cell voltage in a microbial electrolysis cell fully catalysed by microorganisms. Chemosphere, 2022, 288, 132548.	4.2	6
17	SPEEK/PES composite membranes as an alternative for proton exchange membrane in microbial fuel cell (MFC). , 2011, , .		3
18	Microbial fuel cell-based sensor for Enterobacter sp. KBH6958 activity monitoring during hydrogen production: the effects of pH and glucose concentration. Journal of Applied Electrochemistry, 2022, 52, 1327-1342.	1.5	3