

Mimi Hani Abu Bakar

List of Publications by Year in descending order

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9
papers

213
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1307594
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#	ARTICLE	IF	CITATIONS
1	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.	5.2	58
2	Review of high-performance biocathode using stainless steel and carbon-based materials in Microbial Fuel Cell for electricity and water treatment. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30772-30787.	7.1	54
3	A comparison of long-term fouling performance by zirconia ceramic filter and cation exchange in microbial fuel cells. <i>International Biodeterioration and Biodegradation</i> , 2019, 136, 63-70.	3.9	33
4	Low-cost novel clay earthenware as separator in microbial electrochemical technology for power output improvement. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1369-1379.	3.4	28
5	Improvement of microbial fuel cell performance using novel kaolin earthenware membrane coated with a polybenzimidazole layer. <i>Energy Science and Engineering</i> , 2021, 9, 2342-2353.	4.0	14
6	Can electrochemically active biofilm protect stainless steel used as electrodes in bioelectrochemical systems in a similar way as galvanic corrosion protection?. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30512-30523.	7.1	10
7	Aryl Diazonium Modification for Improved Graphite Fiber Brush in Microbial Fuel Cell. <i>Sains Malaysiana</i> , 2018, 47, 3017-3023.	0.5	8
8	Biotic Cathode of Graphite Fibre Brush for Improved Application in Microbial Fuel Cells. <i>Molecules</i> , 2022, 27, 1045.	3.8	6
9	Mitigating membrane biofouling in biofuel cell system—a review. <i>Open Chemistry</i> , 2021, 19, 1202-1215.	5.9	2