

# Vaidhegi Kugarajah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2979526/publications.pdf>

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17  
papers

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1163117

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g-index

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docs citations

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times ranked

203  
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#	ARTICLE	IF	CITATIONS
1	Proton exchange membrane for microbial fuel cells. , 2022, , 25-53.		4
2	Optimization of operational factors using statistical design and analysis of nanofiller incorporated polymer electrolyte membrane towards performance enhancement of microbial fuel cell. Chemical Engineering Research and Design, 2022, 158, 474-485.	5.6	8
3	Enhancement of nitrate removal and electricity generation in microbial fuel cell using eggshell supported biocathode. Process Biochemistry, 2022, 113, 1-10.	3.7	12
4	Enhancing power generation by maintaining operating temperature using Phase Change Material for Microbial Fuel Cell application. Journal of Environmental Chemical Engineering, 2022, 10, 107057.	6.7	10
5	Nanoparticles and nanofluids: Characteristics and behavior aspects. , 2022, , 41-71.		2
6	Fabrication of nanomaterials. , 2022, , 1-39.		3
7	Nanomaterials in biofuel cells. , 2022, , 411-444.		0
8	Electrospun nanofibers of polyvinylidene fluoride incorporated with titanium nanotubes for purifying air with bacterial contamination. Environmental Science and Pollution Research, 2021, 28, 37520-37533.	5.3	23
9	Future applications of electrospun nanofibers in pressure driven water treatment: A brief review and research update. Journal of Environmental Chemical Engineering, 2021, 9, 105107.	6.7	54
10	Investigation on sulphonated zinc oxide nanorod incorporated sulphonated poly (1,4-phenylene ether) Tj ETQq0 0 0 rgBT /Overlock 10 T International Journal of Hydrogen Energy, 2021, 46, 22134-22148.	7.1	9
11	Effect of silver incorporated sulphonated poly ether ether ketone membranes on microbial fuel cell performance and microbial community analysis. Chemical Engineering Journal, 2021, 415, 128961.	12.7	30
12	Sulphonated polyhedral oligomeric silsesquioxane/sulphonated poly ether ether ketone nanocomposite membranes for microbial fuel cell: Insights to the miniatures involved. Chemosphere, 2020, 260, 127593.	8.2	31
13	Nanocomposite membrane and microbial community analysis for improved performance in microbial fuel cell. Enzyme and Microbial Technology, 2020, 140, 109606.	3.2	17
14	Effect of degree of silanization of luffa on the properties of luffa-epoxy composites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125273.	4.7	12
15	Investigation of a cation exchange membrane comprising Sulphonated Poly Ether Ether Ketone and Sulphonated Titanium Nanotubes in Microbial Fuel Cell and preliminary insights on microbial adhesion. Chemical Engineering Journal, 2020, 398, 125558.	12.7	39
16	Membranes for Microbial Fuel Cells. , 2019, , 143-194.		16
17	Experimental Investigation on Abstraction of Phenol Onto <i>Micrococcus lylae</i> and Cetyl Trimethyl Ammonium Bromide. Clean - Soil, Air, Water, 2016, 44, 1489-1498.	1.1	2