Vaidhegi Kugarajah

List of Publications by Year
in descending order

17	272	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	Nanocomposite membrane and microbial community analysis for improved performance in microbial fuel cell. Enzyme and Microbial Technology, 2020, 140, 109606.	3.2	17
7	Membranes for Microbial Fuel Cells. , 2019, , 143-194.		16
8	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
9	Enhancement of nitrate removal and electricity generation in microbial fuel cell using eggshell supported biocathode. Process Biochemistry, 2022, 113, 1-10.	3.7	12
10	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
11	Investigation on sulphonated zinc oxide nanorod incorporated sulphonated poly (1,4-phenylene ether) Tj ETQq1 1 0.784314 rgBT /Ov International Journal of Hydrogen Energy, 2021, 46, 22134-22148.	7.1	9
12	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
13	Proton exchange membrane for microbial fuel cells. , 2022, , 25-53.		4
14	Fabrication of nanomaterials. , 2022, , 1-39.		3
15	Experimental Investigation on Abstraction of Phenol Onto Micrococcus lylae and Cetyl Trimethyl Ammonium Bromide. Clean - Soil, Air, Water, 2016, 44, 1489-1498.	1.1	2
16	Nanoparticles and nanofluids: Characteristics and behavior aspects. , 2022, , 41-71.		2
17	Nanomaterials in biofuel cells. , 2022, , 411-444.		0