

# Muhamad Zaini Yunos

## List of Publications by Year in descending order

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27  
papers

448  
citations

933447

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h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on fouling by natural organic matter (NOM) on polysulfone membranes: Effect of polyethylene glycol (PEG). <i>Desalination</i> , 2014, 333, 36-44.	8.2	86
2	Morphology and property study of green ceramic hollow fiber membrane derived from waste sugarcane bagasse ash (WSBA). <i>Ceramics International</i> , 2018, 44, 18450-18461.	4.8	58
3	Antifouling polysulfone membranes blended with green SiO <sub>2</sub> from rice husk ash (RHA) for humic acid separation. <i>Chemical Engineering Research and Design</i> , 2016, 114, 268-279.	5.6	49
4	Preparation and characterization of low cost porous ceramic membrane support from kaolin using phase inversion/sintering technique for gas separation: Effect of kaolin content and non-solvent coagulant bath. <i>Chemical Engineering Research and Design</i> , 2016, 112, 24-35.	5.6	47
5	Facile fabrication of superhydrophobic and superoleophilic green ceramic hollow fiber membrane derived from waste sugarcane bagasse ash for oil/water separation. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3558-3570.	4.9	26
6	Novel superhydrophobic and superoleophilic sugarcane green ceramic hollow fibre membrane as hybrid oil sorbent-separator of real oil and water mixture. <i>Materials Letters</i> , 2019, 240, 136-139.	2.6	22
7	Waste environmental sources of metakaolin and corn cob ash for preparation and characterisation of green ceramic hollow fibre membrane (h-MCa) for oil-water separation. <i>Ceramics International</i> , 2020, 46, 1512-1525.	4.8	22
8	Effects of Water as Non-Solvent Additive on Performance of Polysulfone Ultrafiltration Membrane. <i>Advanced Materials Research</i> , 2012, 488-489, 46-50.	0.3	21
9	Effect of Thermodynamic Properties on Porosity of Ceramic Membrane Prepared by Phase Inversion. <i>Applied Mechanics and Materials</i> , 0, 575, 31-35.	0.2	20
10	The Effect of Crystalline Rice Husk Silica on Polysulfone Membrane for Wastewater Treatment. <i>Applied Mechanics and Materials</i> , 0, 328, 798-801.	0.2	13
11	Performance Studies of Polysulfone-Based Membrane: Effect of Silica Morphology. <i>Applied Mechanics and Materials</i> , 2013, 372, 8-12.	0.2	13
12	The Effect of Amorphous Rice Husk Silica to the Polysulfone Membrane Separation Process. <i>Advanced Materials Research</i> , 2013, 701, 319-322.	0.3	12
13	Self-Cleaning Antifouling Performance Based on the Surface Area of Flower-Like TiO <sub>2</sub> as Additive for PSf Mixed Matrix Membrane. <i>Macromolecular Research</i> , 2020, 28, 625-635.	2.4	12
14	The Effect of Sodium Chloride (NaCl) Coagulant Medium of Polysulfone Ultrafiltration Membrane. <i>Applied Mechanics and Materials</i> , 0, 372, 3-7.	0.2	10
15	Optimization of Polysulfone / Graphene Oxide / Polyethylene Glycol / Triaminopyrimidine by Using Response Surface Methodology. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 318, 012064.	0.6	6
16	ZnO/TiO <sub>2</sub> thin films for photocatalytic application. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	6
17	The Effect of Synthetic Silica on Ultrafiltration PSf Membrane. <i>Jurnal Teknologi (Sciences and)</i> Tj ETQq1 1 0.784314, 0.4	0.4	5
18	Antibacterial Polysulfone Membranes: The Effect of Eugenol and Zinc Oxide as Additives. <i>Materials Science Forum</i> , 0, 867, 132-138.	0.3	4

#	ARTICLE	IF	CITATIONS
19	The effect of unique structural flower-like TiO <sub>2</sub> towards polysulfone mixed matrix membrane as efficient antifouling and antibacterial for humic acid removal. Journal of Polymer Research, 2021, 28, 1.	2.4	4
20	Fouling Characterization of Polysulfone-Grafted-Methyl Methacrylate Membrane. Applied Mechanics and Materials, 0, 465-466, 819-823.	0.2	3
21	Effect of Zinc Oxide on Performance of Ultrafiltration Membrane for Humic Acid Separation. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.4	3
22	Influence of Inorganic Additives on the Performance of Polysulfone Ultrafiltration Membrane. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.4	2
23	Hydrophilicity Effect of Rice Husk Silica on Mixed Matrix PSF Membrane Properties. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.4	2
24	Influence of hydrophobic surface treatment toward performance of air filter. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012170.	0.6	1
25	Effect of solvent concentration on performance of polysulfone membrane for filtration and separation. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012171.	0.6	1
26	Morphology studies of hydrophobic silica on filter surface prepared via spray technique. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012167.	0.6	0
27	A model for predicting J-integral of surface cracks in round bars under combined mode I loading. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012015.	0.6	0