

Zawati Harun

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186
papers

2,809
citations

31
h-index

46
g-index

201
ext. papers

3,717
ext. citations

3.8
avg, IF

5.75
L-index

#	Paper	IF	Citations
186	Fabrications and applications of low cost ceramic membrane from kaolin: A comprehensive review. <i>Ceramics International</i> , 2018 , 44, 4538-4560	5.1	125
185	Recent fabrication techniques for micro-tubular solid oxide fuel cell support: A review. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 1-22	6	110
184	A review on sustainable synthesis of zeolite from kaolinite resources via hydrothermal process. <i>Advanced Powder Technology</i> , 2017 , 28, 1827-1840	4.6	98
183	Hybrid membrane filtration-advanced oxidation processes for removal of pharmaceutical residue. <i>Journal of Colloid and Interface Science</i> , 2018 , 532, 236-260	9.3	98
182	Carbon as amorphous shell and interstitial dopant in mesoporous rutile TiO ₂ : Bio-template assisted sol-gel synthesis and photocatalytic activity. <i>Applied Surface Science</i> , 2017 , 393, 46-59	6.7	79
181	Green silica-based ceramic hollow fiber membrane for seawater desalination via direct contact membrane distillation. <i>Separation and Purification Technology</i> , 2018 , 205, 22-31	8.3	70
180	Studies on fouling by natural organic matter (NOM) on polysulfone membranes: Effect of polyethylene glycol (PEG). <i>Desalination</i> , 2014 , 333, 36-44	10.3	69
179	Incorporation of N-doped TiO ₂ nanorods in regenerated cellulose thin films fabricated from recycled newspaper as a green portable photocatalyst. <i>Carbohydrate Polymers</i> , 2015 , 133, 429-37	10.3	68
178	A novel green ceramic hollow fiber membrane (CHFM) derived from rice husk ash as combined adsorbent-separator for efficient heavy metals removal. <i>Ceramics International</i> , 2017 , 43, 4716-4720	5.1	62
177	Hydrophobic ceramic membrane for membrane distillation: A mini review on preparation, characterization, and applications. <i>Separation and Purification Technology</i> , 2019 , 217, 71-84	8.3	60
176	Fabrication of low cost, green silica based ceramic hollow fibre membrane prepared from waste rice husk for water filtration application. <i>Ceramics International</i> , 2018 , 44, 10498-10509	5.1	56
175	Regenerated cellulose membrane as bio-template for in-situ growth of visible-light driven C-modified mesoporous titania. <i>Carbohydrate Polymers</i> , 2016 , 146, 166-73	10.3	54
174	Recent progress in integrated fixed-film activated sludge process for wastewater treatment: A review. <i>Journal of Environmental Management</i> , 2020 , 268, 110718	7.9	50
173	A low cost hydrophobic kaolin hollow fiber membrane (h-KHFM) for arsenic removal from aqueous solution via direct contact membrane distillation. <i>Separation and Purification Technology</i> , 2019 , 214, 31-39	8.3	50
172	Morphological study of co-extruded dual-layer hollow fiber membranes incorporated with different TiO ₂ loadings. <i>Journal of Membrane Science</i> , 2015 , 479, 123-131	9.6	49
171	Superhydrophilic, low cost kaolin-based hollow fibre membranes for efficient oily-wastewater separation. <i>Materials Letters</i> , 2017 , 191, 119-122	3.3	48
170	Photodegradation of phenol by N-Doped TiO ₂ anatase/rutile nanorods assembled microsphere under UV and visible light irradiation. <i>Materials Chemistry and Physics</i> , 2015 , 162, 113-123	4.4	47

169	Carbon dioxide capture using a superhydrophobic ceramic hollow fibre membrane for gas-liquid contacting process. <i>Journal of Cleaner Production</i> , 2017 , 140, 1731-1738	10.3	44
168	Novel hydroxyapatite-based bio-ceramic hollow fiber membrane derived from waste cow bone for textile wastewater treatment. <i>Chemical Engineering Journal</i> , 2020 , 379, 122396	14.7	44
167	Preparation and characterization of self-cleaning alumina hollow fiber membrane using the phase inversion and sintering technique. <i>Ceramics International</i> , 2016 , 42, 12312-12322	5.1	41
166	Effect of kaolin particle size and loading on the characteristics of kaolin ceramic support prepared via phase inversion techniquePeer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society.View all notes. <i>Journal of Asian Ceramic Societies</i> , 2016 , 4, 164-177	2.4	40
165	The adsorptive removal of chromium (VI) in aqueous solution by novel natural zeolite based hollow fibre ceramic membrane. <i>Journal of Environmental Management</i> , 2018 , 224, 252-262	7.9	40
164	Photocatalytic degradation of phenol over visible light active ZnO/Ag ₂ CO ₃ /Ag ₂ O nanocomposites heterojunction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 364, 602-612	4.7	38
163	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	5.1	37
162	Antifouling polysulfone membranes blended with green SiO ₂ from rice husk ash (RHA) for humic acid separation. <i>Chemical Engineering Research and Design</i> , 2016 , 114, 268-279	5.5	36
161	Effect of fabrication parameters on physical properties of metakaolin-based ceramic hollow fibre membrane (CHFM). <i>Ceramics International</i> , 2016 , 42, 15547-15558	5.1	36
160	Feasibility of recycled newspaper as cellulose source for regenerated cellulose membrane fabrication. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	36
159	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	5.5	35
158	Preparation and characterization of inexpensive kaolin hollow fibre membrane (KHFM) prepared using phase inversion/sintering technique for the efficient separation of real oily wastewater. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2349-2367	5.9	35
157	Concurrent growth, structural and photocatalytic properties of hybridized C, N co-doped TiO ₂ mixed phase over g-C ₃ N ₄ nanostructured. <i>Scripta Materialia</i> , 2018 , 142, 143-147	5.6	34
156	Photocatalytic degradation of nonylphenol using co-extruded dual-layer hollow fibre membranes incorporated with a different ratio of TiO ₂ /PVDF. <i>Reactive and Functional Polymers</i> , 2016 , 99, 80-87	4.6	31
155	Electrospun Nanofibers Embedding ZnO/Ag ₂ CO ₃ /Ag ₂ O Heterojunction Photocatalyst with Enhanced Photocatalytic Activity. <i>Catalysts</i> , 2019 , 9, 565	4	30
154	Morphological study of yttria-stabilized zirconia hollow fibre membrane prepared using phase inversion/sintering technique. <i>Ceramics International</i> , 2015 , 41, 12543-12553	5.1	29
153	Zinc oxide from aloe vera extract: two-level factorial screening of biosynthesis parameters. <i>Heliyon</i> , 2020 , 6, e03156	3.6	28
152	Membrane Surface Patterning as a Fouling Mitigation Strategy in Liquid Filtration: A Review. <i>Polymers</i> , 2019 , 11,	4.5	27

151	Characterization and performance of porous photocatalytic ceramic membranes coated with TiO ₂ via different dip-coating routes. <i>Journal of Materials Science</i> , 2018 , 53, 11534-11552	4.3	27
150	Influence of pre-treatment temperature of palm oil fuel ash on the properties and performance of green ceramic hollow fiber membranes towards oil/water separation application. <i>Separation and Purification Technology</i> , 2019 , 222, 264-277	8.3	26
149	Performance of Polymer Electrolyte Membrane for Direct Methanol Fuel Cell Application: Perspective on Morphological Structure. <i>Membranes</i> , 2020 , 10,	3.8	26
148	Pretreated aluminium dross waste as a source of inexpensive alumina-spinel composite ceramic hollow fibre membrane for pretreatment of oily saline produced water. <i>Ceramics International</i> , 2019 , 45, 2069-2078	5.1	23
147	Arsenic adsorption mechanism on palm oil fuel ash (POFA) powder suspension. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121214	12.8	22
146	A low cost, superhydrophobic and superoleophilic hybrid kaolin-based hollow fibre membrane (KHFM) for efficient adsorption-separation of oil removal from water.. <i>RSC Advances</i> , 2018 , 8, 2986-2995	3.7	21
145	An overview of superhydrophobic ceramic membrane surface modification for oil-water separation. <i>Journal of Materials Research and Technology</i> , 2021 , 12, 643-667	5.5	21
144	Incorporation of N-doped TiO ₂ into dual layer hollow fiber (DLHF) membrane for visible light-driven photocatalytic removal of reactive black 5. <i>Polymer Testing</i> , 2019 , 78, 105939	4.5	20
143	Enhanced omniphobicity of mullite hollow fiber membrane with organosilane-functionalized TiO ₂ micro-flowers and nanorods layer deposition for desalination using direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2020 , 607, 118137	9.6	19
142	Effects of Water as Non-Solvent Additive on Performance of Polysulfone Ultrafiltration Membrane. <i>Advanced Materials Research</i> , 2012 , 488-489, 46-50	0.5	17
141	Removal of As(iii) and As(v) from water using green, silica-based ceramic hollow fibre membranes direct contact membrane distillation.. <i>RSC Advances</i> , 2019 , 9, 3367-3376	3.7	16
140	Effect of Thermodynamic Properties on Porosity of Ceramic Membrane Prepared by Phase Inversion. <i>Applied Mechanics and Materials</i> , 2014 , 575, 31-35	0.3	16
139	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. <i>Journal of Environmental Management</i> , 2021 , 290, 112565	7.9	16
138	Adsorptive Removal of As(V) Ions from Water using Graphene Oxide-Manganese Ferrite and Titania Nanotube-Manganese Ferrite Hybrid Nanomaterials. <i>Chemical Engineering and Technology</i> , 2018 , 41, 2250-2258	2	16
137	Patterned Membrane in an Energy-Efficient Tilted Panel Filtration System for Fouling Control in Activated Sludge Filtration. <i>Polymers</i> , 2020 , 12,	4.5	15
136	Co-extruded dual-layer hollow fiber with different electrolyte structure for a high temperature micro-tubular solid oxide fuel cell. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 9116-9124	6.7	15
135	Effect of MgO Additive on Microstructure of Al ₂ O ₃ . <i>Advanced Materials Research</i> , 2012 , 488-489, 335-339	5	15
134	Comparison between commercial and synthesised nano flower-like rutile TiO ₂ immobilised on green super adsorbent towards dye wastewater treatment. <i>Journal of Cleaner Production</i> , 2020 , 251, 119448	10.3	15

133	Feasibility study of the hybrid adsorptive hollow fibre ceramic membrane (HFCM) derived from natural zeolite for the removal of ammonia in wastewater. <i>Chemical Engineering Research and Design</i> , 2019 , 122, 378-385	5.5	15
132	Fabrication and characterization of affordable hydrophobic ceramic hollow fibre membrane for contacting processes. <i>Journal of Advanced Ceramics</i> , 2017 , 6, 330-340	10.7	14
131	Ceramic Membrane Distillation for Desalination. <i>Separation and Purification Reviews</i> , 2020 , 49, 317-356	7.3	14
130	Performance evaluation of co-extruded microporous dual-layer hollow fiber membranes using a hybrid membrane photoreactor. <i>Desalination</i> , 2017 , 403, 46-52	10.3	13
129	Effects of manganese(VI) oxide on polyacrylonitrile-based activated carbon nanofibers (ACNFs) and its preliminary study for adsorption of lead(II) ions. <i>Emergent Materials</i> , 2018 , 1, 89-94	3.5	13
128	Matrimid-based carbon tubular membranes: The effect of the polymer composition. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	13
127	Constructing a compact heterojunction structure of Ag ₂ CO ₃ /Ag ₂ O in-situ intermediate phase transformation decorated on ZnO with superior photocatalytic degradation of ibuprofen. <i>Separation and Purification Technology</i> , 2020 , 251, 117391	8.3	13
126	Polyethersulfone ultrafiltration membrane incorporated with ferric-based metal-organic framework for textile wastewater treatment. <i>Separation and Purification Technology</i> , 2021 , 270, 118819	8.3	13
125	Feasibility study of cadmium adsorption by palm oil fuel ash (POFA)-based low-cost hollow fibre zeolitic membrane. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 21644-21655	5.1	12
124	Effect of dispersion state of Cloisite15A \square on the performance of SPEEK/Cloisite15A nanocomposite membrane for DMFC application. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 969-977	2.9	12
123	Impact of sintering temperature and pH of feed solution on adsorptive removal of ammonia from wastewater using clinoptilolite based hollow fibre ceramic membrane. <i>Journal of Water Process Engineering</i> , 2020 , 33, 101063	6.7	12
122	Antifouling behavior and separation performance of immobilized TiO ₂ in dual layer hollow fiber membranes. <i>Polymer Engineering and Science</i> , 2018 , 58, 1636-1643	2.3	12
121	Fabrication of magnesium bentonite hollow fibre ceramic membrane for oil-water separation. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 5996-6008	5.9	11
120	The Effect of Amorphous Rice Husk Silica to the Polysulfone Membrane Separation Process. <i>Advanced Materials Research</i> , 2013 , 701, 319-322	0.5	11
119	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	3.3	11
118	The Effect of Crystalline Rice Husk Silica on Polysulfone Membrane for Wastewater Treatment. <i>Applied Mechanics and Materials</i> , 2013 , 328, 798-801	0.3	10
117	A Mini Review on Parameters Affecting the Semiconducting Oxide Photocatalytic Microbial Disinfection. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	10
116	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	5.1	10

115	Novel silica sand hollow fibre ceramic membrane for oily wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104975	6.8	10
114	Visible-Light-Driven Photocatalytic N-Doped TiO ₂ for Degradation of Bisphenol A (BPA) and Reactive Black 5 (RB5) Dye. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	10
113	Effects of reduction time on the structural, electrical and thermal properties of synthesized reduced graphene oxide nanosheets. <i>Bulletin of Materials Science</i> , 2015 , 38, 1569-1576	1.7	9
112	Development of high-performance anode/electrolyte/cathode micro-tubular solid oxide fuel cell via phase inversion-based co-extrusion/co-sintering technique. <i>Journal of Power Sources</i> , 2020 , 467, 228345	8.0	9
111	Performance Studies of Polysulfone-Based Membrane: Effect of Silica Morphology. <i>Applied Mechanics and Materials</i> , 2013 , 372, 8-12	0.3	9
110	Influence of the Natural Zeolite Particle Size Toward the Ammonia Adsorption Activity in Ceramic Hollow Fiber Membrane. <i>Membranes</i> , 2020 , 10,	3.8	9
109	A Review of Titanium Dioxide (TiO ₂)-Based Photocatalyst for Oilfield-Produced Water Treatment.. <i>Membranes</i> , 2022 , 12,	3.8	9
108	The Effect of Sodium Chloride (NaCl) Coagulant Medium of Polysulfone Ultrafiltration Membrane. <i>Applied Mechanics and Materials</i> , 2013 , 372, 3-7	0.3	8
107	Biosynthesis of zinc oxide nanoparticles by using fruits extracts of Ananas Comosus and its antibacterial activity. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2019 , 15, 268-273	2.1	8
106	Development of high strength, porous mullite ceramic hollow fiber membrane for treatment of oily wastewater. <i>Ceramics International</i> , 2021 , 47, 15367-15382	5.1	8
105	A novel single-step fabrication anode/electrolyte/cathode triple-layer hollow fiber micro-tubular SOFC. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 18509-18515	6.7	8
104	Effect of monovalent and divalent ions in non-solvent coagulation bath-induced phase inversion on the characterization of a porous polysulfone membrane. <i>Polymer Bulletin</i> , 2019 , 76, 5957-5979	2.4	7
103	Self-Cleaning Antifouling Performance Based on the Surface Area of Flower-Like TiO ₂ as Additive for PSf Mixed Matrix Membrane. <i>Macromolecular Research</i> , 2020 , 28, 625-635	1.9	7
102	Visible-Light Active Photocatalytic Dual Layer Hollow Fiber (DLHF) Membrane and Its Potential in Mitigating the Detrimental Effects of Bisphenol A in Water. <i>Membranes</i> , 2020 , 10,	3.8	7
101	Effects of pre and post-ozonation on POFA hollow fibre ceramic adsorptive membrane for arsenic removal in water. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020 , 110, 100-111	5.3	7
100	<i>Parkia speciosa</i> as Reduction Agent in Green Synthesis Silver Nanoparticles. <i>ChemistrySelect</i> , 2018 , 3, 8881-8885	1.8	7
99	Anode supported micro-tubular SOFC fabricated with mixed particle size electrolyte via phase-inversion technique. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 9188-9201	6.7	7
98	Drying (Consolidation) Porous Ceramic by Considering the Microscopic Pore Temperature Gradient. <i>Applied Mechanics and Materials</i> , 2011 , 147, 210-214	0.3	7

97	Impact of organosilanes modified superhydrophobic-superoleophilic kaolin ceramic membrane on efficiency of oil recovery from produced water. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 3300-3315	3.5	7
96	Structural Control of NiO ₃ SZ/LSCF ₃ SZ Dual-Layer Hollow Fiber Membrane for Potential Syngas Production. <i>International Journal of Applied Ceramic Technology</i> , 2016 , 13, 799-809	2	7
95	The influence of PEEK as a pore former on the microstructure of brush-painted LSCF cathodes. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 2895-2905	2.6	7
94	Properties and performance evaluation of dual-layer ceramic hollow fiber with modified electrolyte for MT-SOFC. <i>Renewable Energy</i> , 2019 , 134, 1423-1433	8.1	7
93	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	5.9	7
92	Preparation and characterization of polyacrylonitrile-based activated carbon nanofibers/graphene (gACNFs) composite synthesized by electrospinning. <i>AIP Advances</i> , 2020 , 10, 055117	1.5	6
91	Effect of Rice Husk on Fired Ceramic Shell Strength. <i>Advanced Materials Research</i> , 2013 , 795, 732-737	0.5	6
90	Modeling of Layering Ceramic Shell Mould. <i>Applied Mechanics and Materials</i> , 2012 , 232, 548-552	0.3	6
89	Low cost palm oil fuel ash based ceramic membranes for oily water separation. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018 , 14, 419-424	2.1	6
88	Magnetite thin films grown on different flexible polymer substrates at room temperature: Role of antiphase boundaries in electrical and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2020 , 846, 156368	5.7	6
87	A study of different concentrations of bio-silver nanoparticles in polysulfone mixed matrix membranes in water separation performance. <i>Journal of Water Process Engineering</i> , 2020 , 38, 101575	6.7	6
86	COVID-19 infection and nanomedicine applications for development of vaccines and therapeutics: An overview and future perspectives based on polymersomes. <i>European Journal of Pharmacology</i> , 2021 , 896, 173930	5.3	6
85	Electrocatalytic Study of Efficient Synthesized Graphene Nanosheets Incorporated with Pt Nanoparticles for Methanol Oxidation Reaction. <i>Electroanalysis</i> , 2016 , 28, 222-226	3	6
84	The Effect of Lanthanum Addition on the Microstructure and Mechanical Properties of A390 Aluminium Alloy. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 4559-4564	2.5	5
83	Microstructure and physical characterization of alumina-sintered body via hot isostatic pressing. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 969-975	1.5	5
82	Effect of Fe and/or N on the photoactivity of TiO ₂ prepared by sol-gel method 2019 ,		5
81	Modelling of transport mechanisms and drying shrinkage for multilayer ceramic membrane structure. <i>Chemical Engineering Research and Design</i> , 2018 , 133, 111-125	5.5	5
80	Permeable Rice Husk Fibre Shell Mould System. <i>Applied Mechanics and Materials</i> , 2013 , 372, 331-335	0.3	5

79	Combined heat and mass transfer for drying ceramic (shell) body. <i>International Journal of Multiphysics</i> , 2008 , 2, 1-19	0.6	5
78	Preparation of Titanium Dioxide Hollow Fiber Membrane Using Phase Inversion and Sintering Technique for Gas Separation and Water Purification 2015 , 44, 1195-1201		5
77	Ibuprofen removal through photocatalytic filtration using antifouling PVDF- ZnO/Ag ₂ CO ₃ /Ag ₂ O nanocomposite membrane. <i>Materials Today: Proceedings</i> , 2021 , 42, 69-74	1.4	5
76	Preparation and characterisation of inexpensive porous kaolin hollow fibre as ceramic membrane supports for gas separation application. <i>Journal of the Australian Ceramic Society</i> , 2017 , 53, 645-655	1.5	4
75	Comparative study on the performance of co-extruded hollow fiber solid oxide fuel cell fuelled with hydrogen and methane. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 2195-2203	2.6	4
74	Enhancing the performance of a hybrid porous polysulfone membrane impregnated with green Ag/AgO additives derived from the <i>Parkia speciosa</i> . <i>Vacuum</i> , 2019 , 163, 301-311	3.7	4
73	Antibacterial Polysulfone Membranes: The Effect of Eugenol and Zinc Oxide as Additives. <i>Materials Science Forum</i> , 2016 , 867, 132-138	0.4	4
72	Reinforced Green Ceramic Shell Mould for Investment Casting Process. <i>Advanced Materials Research</i> , 2015 , 1087, 415-419	0.5	4
71	Drying Simulation of Ceramic Shell Build Up Process 2008 ,		4
70	Oilfield-produced water treatment using conventional and membrane-based technologies for beneficial reuse: A critical review.. <i>Journal of Environmental Management</i> , 2022 , 308, 114556	7.9	4
69	Synthesis and Characterization of Titanium Dioxide Hollow Nanofiber for Photocatalytic Degradation of Methylene Blue Dye. <i>Membranes</i> , 2021 , 11,	3.8	4
68	High degree sulfonated poly(ether ether ketone) blend with polyvinylidene fluoride as a potential proton-conducting membrane fuel cell. <i>High Performance Polymers</i> , 2020 , 32, 103-115	1.6	4
67	Polyaniline decorated graphene oxide on sulfonated poly(ether ether ketone) membrane for direct methanol fuel cells application. <i>Polymers for Advanced Technologies</i> ,	3.2	4
66	Fabrication of mixed matrix membrane containing chlorophyll extracted from spinach for humic acid removal. <i>Materials Today: Proceedings</i> , 2021 , 46, 2058-2064	1.4	4
65	Self-cleaning and anti-fouling superhydrophobic hierarchical ceramic surface synthesized from hydrothermal and fluorination methods. <i>Applied Surface Science</i> , 2022 , 598, 153702	6.7	4
64	Improved properties of sulfonated octaphenyl polyhedral silsequioxane cross-link with highly sulfonated polyphenylsulfone as proton exchange membrane. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 1185-1195	2.6	3
63	Photocatalytic materials-based membranes for efficient water treatment 2020 , 209-230		3
62	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	0.4	3

61	Characterization of Bauxite as a Potential Natural Photocatalyst for Photodegradation of Textile Dye. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 10031-10040	2.5	3
60	Fouling Characterization of Polysulfone-Grafted-Methyl Methacrylate Membrane. <i>Applied Mechanics and Materials</i> , 2013 , 465-466, 819-823	0.3	3
59	Comparative Study on Effect of PEG and PVP as Additives on Polysulfone (PSF) Membrane Structure and Performance. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013 , 65,	1.2	3
58	Effect of Zinc Oxide on Performance of Ultrafiltration Membrane for Humic Acid Separation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013 , 65,	1.2	3
57	The Effect of Synthetic Silica on Ultrafiltration PSf Membrane. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013 , 65,	1.2	3
56	Significant effect of concentration ratio in synthesizing titania nanoflowers (TNF) powder for various application as additive. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018 , 14, 397-402 ^{2.1}	2.1	3
55	Preliminary studies on hydrothermal synthesis of zeolite from Malaysian kaolinite clays. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2019 , 15, 421-425	2.1	3
54	Fabrication of zirconia-kaolin dual layer hollow fiber membrane: Physical and performance study for industrial wastewater treatment. <i>Journal of Water Process Engineering</i> , 2021 , 41, 102031	6.7	3
53	Mild sulfonated polyether ketone ether ketone ketone incorporated polysulfone membranes for microbial fuel cell application. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50216	2.9	3
52	Electrospinning parameters evaluation of PVDF-ZnO/Ag ₂ CO ₃ /Ag ₂ O composite nanofiber affect on porosity by using response surface methodology. <i>Materials Today: Proceedings</i> , 2021 , 46, 1824-1830	1.4	3
51	A green membrane distillation system for seawater desalination: Response surface modelling and optimization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 361, 012011	0.4	3
50	Applications of Alginate-Based Nanomaterials in Enhancing the Therapeutic Effects of Bee Products.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 865833	5.6	3
49	Hydrophilicity Effect of Rice Husk Silica on Mixed Matrix PSF Membrane Properties. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 70,	1.2	2
48	Estimation of Water Desorption in Drying of Membrane Structure System. <i>Advanced Materials Research</i> , 2014 , 1004-1005, 405-408	0.5	2
47	Synthesis of Poly(vinyl alcohol)/Chitosan/Titanium Oxide Beads. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013 , 65,	1.2	2
46	Effect of heating rates on the microstructure and gas permeation properties of carbon membranes. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018 , 14, 378-381	2.1	2
45	West African kenaf (<i>Hibiscus Cannabinus</i> L.) natural fiber composite for application in automotive industry. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018 , 14, 397-402	2.1	2
44	Influence of Polyethylene Glycol Additive on Performance of Polysulfone and Polyethersulfone Membrane. <i>Journal of Mechanical Engineering and Sciences</i> , 2014 , 6, 746-752	2	2

43	Mixed matrix composite membranes based on amination of reduced graphene oxide for CO ₂ separation: Effects of heating time and nanofiller loading. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 2287-2294	2.8	2
42	FABRICATION OF CERAMIC, HOLLOW-FIBER MEMBRANE: THE EFFECT OF BAUXITE CONTENT AND SINTERING TEMPERATURE. <i>Clays and Clay Minerals</i> , 2020 , 68, 309-318	2.1	2
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