

Zawati Harun

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Superhydrophobic ball clay based ceramic hollow fibre membrane via universal spray coating method for membrane distillation. <i>Separation and Purification Technology</i> , 2022 , 288, 120574	8.3	1
185	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
184	Photocatalytic Filtration of Zinc Oxide-Based Membrane with Enhanced Visible Light Responsiveness for Ibuprofen Removal. <i>Catalysts</i> , 2022 , 12, 209	4	0
183	A Review of Titanium Dioxide (TiO)-Based Photocatalyst for Oilfield-Produced Water Treatment.. <i>Membranes</i> , 2022 , 12,	3.8	9
182	Omniphobic surface modification of silica sand ceramic hollow fiber membrane for desalination via direct contact membrane distillation. <i>Desalination</i> , 2022 , 532, 115705	10.3	0
181	Hydrophobic silica sand ceramic hollow fiber membrane for desalination via direct contact membrane distillation. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 9609-9621	6.1	0
180	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
179	The Effect of BPA-Treated Water on the Small Intestine via an In Vivo Study. <i>Toxics</i> , 2022 , 10, 296	4.7	
178	Ultra-Low-Pressure Membrane Filtration for Simultaneous Recovery of Detergent and Water from Laundry Wastewater. <i>Membranes</i> , 2022 , 12, 591	3.8	1
177	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
176	Fabrication of High Performance PVDF Hollow Fiber Membrane Using Less Toxic Solvent at Different Additive Loading and Air Gap. <i>Membranes</i> , 2021 , 11,	3.8	1
175	Fabrication, performance evaluation, and optimisation of adsorptive ammonia removal using hollow fibre ceramic membrane: Response surface methodology approach. <i>Microporous and Mesoporous Materials</i> , 2021 , 316, 110932	5.3	1
174	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
173	Synthesis and characterization of conductive polymer coated graphitic carbon nitride embedded sulfonated poly (ether ether ketone) membranes for direct methanol fuel cell applications. <i>International Journal of Energy Research</i> , 2021 , 45, 16649-16666	4.5	2
172	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
171	Effect of sintering temperature on perovskite-based hollow fiber as a substrate for cathode-supported micro-tubular solid oxide fuel cell. <i>Journal of the Australian Ceramic Society</i> , 2021 , 57, 1199-1208	1.5	0
170	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

169	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
168	Enhanced performance of lanthanum orthoferrite/chitosan nanocomposites for adsorptive photocatalytic removal of Reactive Black 5. <i>Korean Journal of Chemical Engineering</i> , 2021 , 38, 1648-1659 ^{2.8}		1
167	Synthesis and Characterization of Titanium Dioxide Hollow Nanofiber for Photocatalytic Degradation of Methylene Blue Dye. <i>Membranes</i> , 2021 , 11,	3.8	4
166	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. <i>Journal of Environmental Management</i> , 2021 , 290, 112565	7.9	16
165	The effect of unique structural flower-like TiO ₂ towards polysulfone mixed matrix membrane as efficient antifouling and antibacterial for humic acid removal. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	0
164	Mild sulfonated polyether ketone ether ketone incorporated polysulfone membranes for microbial fuel cell application. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50216	2.9	3
163	Porous polyether sulfone for direct methanol fuel cell applications: Structural analysis. <i>International Journal of Energy Research</i> , 2021 , 45, 2277-2291	4.5	2
162	Effect of electrolyte thickness manipulation on enhancing carbon deposition resistance of methane-fueled solid oxide fuel cell. <i>International Journal of Energy Research</i> , 2021 , 45, 2837-2855	4.5	2
161	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
160	Effect of Polyhedral Silsesquioxane Functionalized Sulfonic Acid Groups Incorporated Into Highly Sulfonated Polyphenylsulfone as Proton-Conducting Membrane. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 6399-6407	2.5	1
159	Polymer mixed membrane with microflower TiO ₂ as additive for photocatalyst in organic compound. <i>Materials Today: Proceedings</i> , 2021 , 46, 2122-2130	1.4	1
158	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
157	Superhydrophobic ceramic hollow fibre membranes for trapping carbon dioxide from natural gas via the membrane contactor system. <i>Journal of the Australian Ceramic Society</i> , 2021 , 57, 705	1.5	2
156	Novel silica sand hollow fibre ceramic membrane for oily wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104975	6.8	10
155	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
154	Synthesis and characterization of superoleophobic fumed alumina nanocomposite coated via the sol-gel process onto ceramic-based hollow fibre membrane for oil-water separation. <i>Ceramics International</i> , 2021 , 47, 25883-25894	5.1	1
153	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
152	Low Nickel, Ceria Zirconia-Based Micro-Tubular Solid Oxide Fuel Cell: A Study of Composition and Oxidation Using Hydrogen and Methane Fuel. <i>Sustainability</i> , 2021 , 13, 13789	3.6	0

151	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
150	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
149	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
148	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, 228343	8.9	9
147	Photocatalytic materials-based membranes for efficient water treatment 2020 , 209-230		3
146	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
145	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
144	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
143	Performance of Polymer Electrolyte Membrane for Direct Methanol Fuel Cell Application: Perspective on Morphological Structure. <i>Membranes</i> , 2020 , 10,	3.8	26
142	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
141	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
140	Ultrafiltration Membrane for Water Treatment. <i>Engineering Materials</i> , 2020 , 119-145	0.4	0
139	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
138	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
137	Zinc oxide from aloe vera extract: two-level factorial screening of biosynthesis parameters. <i>Heliyon</i> , 2020 , 6, e03156	3.6	28
136	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
135	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
134	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

133	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
132	Characterization and performance of rice husk as additive in green ceramic water filter fabricated by slip-casting. <i>World Journal of Engineering</i> , 2020 , 17, 553-562	1.8	
131	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
130	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
129	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
128	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
127	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
126	Ceramic Membrane Distillation for Desalination. <i>Separation and Purification Reviews</i> , 2020 , 49, 317-356	7.3	14
125	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
124	Arsenic adsorption mechanism on palm oil fuel ash (POFA) powder suspension. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121214	12.8	22
123	Effects of temperature on rice husk silica ash additive for fouling mitigation by polysulfone/BHS ash mixed-matrix composite membranes. <i>Polymer Bulletin</i> , 2020 , 77, 4043-4075	2.4	2
122	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
121	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
120	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
119	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
118	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
117	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
116	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

115	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
114	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
113	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
112	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
111	ZnO/TiO ₂ thin films for photocatalytic application 2019 ,		1
110	Effect of Fe and/or N on the photoactivity of TiO ₂ prepared by sol-gel method 2019 ,		5
109	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
108	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
107	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
106	Membrane Surface Patterning as a Fouling Mitigation Strategy in Liquid Filtration: A Review. <i>Polymers</i> , 2019 , 11,	4.5	27
105	Biosynthesis of zinc oxide nanoparticles by using fruits extracts of <i>Ananas Comosus</i> and its antibacterial activity. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2019 , 15, 268-273	2.1	8
104	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
103	An Experimental Investigation of Humidity Effect on fabrication of Green Ceramic Membrane Prepared Via Dry Phase Inversion. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 551, 012103	0.4	
102	Wettability and Surface Area Characteristic of PVDF Nanofibrous Composite Film. <i>Materials Today: Proceedings</i> , 2019 , 19, 1413-1419	1.4	0
101	High strength and antifouling metakaolin-based ceramic membrane for juice clarification. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 529-540	1.5	2
100	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
99	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
98	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

97	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
96	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
95	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
94	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
93	Fabrications and applications of low cost ceramic membrane from kaolin: A comprehensive review. <i>Ceramics International</i> , 2018 , 44, 4538-4560	5.1	125
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	Parkia speciosa as Reduction Agent in Green Synthesis Silver Nanoparticles. <i>ChemistrySelect</i> , 2018 , 3, 8881-8885	1.8	7
84	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
83	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
82	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	3
81	West African kenaf (Hibiscus Cannabinus 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
80	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

79	Adhesive Bonding of Thermoplastic Polyurethane with Metallic Wire. <i>Advanced Science Letters</i> , 2018 , 24, 4045-4049	0.1	
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	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
64	Superhydrophilic, low cost kaolin-based hollow fibre membranes for efficient oily-wastewater separation. <i>Materials Letters</i> , 2017 , 191, 119-122	3.3	48
63	Morphology studies of hydrophobic silica on filter surface prepared via spray technique. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 226, 012167	0.4	
62	Influence of hydrophobic surface treatment toward performance of air filter. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 226, 012170	0.4	1

61	Effect of solvent concentration on performance of polysulfone membrane for filtration and separation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 226, 012171	0.4	1
60	The effect of hydrophilicity of graphene oxide as additive towards performance of polysulfone membrane 2017 ,		1
59	Silica-Based Hollow Fiber Membrane for Water Treatment 2017 , 157-180		1
58	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
57	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
56	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
55	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
54	Antibacterial Polysulfone Membranes: The Effect of Eugenol and Zinc Oxide as Additives. <i>Materials Science Forum</i> , 2016 , 867, 132-138	0.4	4
53	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
52	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
51	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
50	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
49	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
48	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
47	Dynamic Drying Variables Evolution in Membrane Structure. <i>Advanced Structured Materials</i> , 2016 , 131-148		6
46	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
45	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
44	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

43	Electrocatalytic Study of Efficient Synthesized Graphene Nanosheets Incorporated with Pt Nanoparticles for Methanol Oxidation Reaction. <i>Electroanalysis</i> , 2016 , 28, 222-226	3	6
42	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
41	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
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36	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
35	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
34	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
33	Preparation of Titanium Dioxide Hollow Fiber Membrane Using Phase Inversion and Sintering Technique for Gas Separation and Water Purification 2015 , 44, 1195-1201		5
32	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
31	Hydrophilicity Effect of Rice Husk Silica on Mixed Matrix PSF Membrane Properties. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 70,	1.2	2
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24	Effect of Rice Husk on Fired Ceramic Shell Strength. <i>Advanced Materials Research</i> , 2013 , 795, 732-737	0.5	6
23	Drying Comparison of Nonhygroscopic and Hygroscopic Materials. <i>Applied Mechanics and Materials</i> , 2013 , 465-466, 637-641	0.3	1
22	The Influence of Metallic Addition on Fluidity of Aluminum (LM6) Alloy. <i>Applied Mechanics and Materials</i> , 2013 , 465-466, 954-957	0.3	
21	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
20	Performance Studies of Polysulfone-Based Membrane: Effect of Silica Morphology. <i>Applied Mechanics and Materials</i> , 2013 , 372, 8-12	0.3	9
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18	Fouling Characterization of Polysulfone-Grafted-Methyl Methacrylate Membrane. <i>Applied Mechanics and Materials</i> , 2013 , 465-466, 819-823	0.3	3
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15	Influence of Inorganic Additives on the Performance of Polysulfone Ultrafiltration Membrane. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013 , 65,	1.2	1
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13	The Effect of Synthetic Silica on Ultrafiltration PSf Membrane. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013 , 65,	1.2	3
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