

# I Gede Wenten

## List of Publications by Year in descending order

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156  
papers

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docs citations

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times ranked

3053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse osmosis applications: Prospect and challenges. <i>Desalination</i> , 2016, 391, 112-125.	8.2	247
2	Particle deposition during membrane filtration of colloids: transition between concentration polarization and cake formation. <i>Journal of Membrane Science</i> , 1997, 125, 109-122.	8.2	241
3	Functionalized carbon nanotube (CNT) membrane: progress and challenges. <i>RSC Advances</i> , 2017, 7, 51175-51198.	3.6	192
4	Membrane-based carbon capture technologies: Membrane gas separation vs. membrane contactor. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 67, 172-195.	4.4	138
5	Advances in preparation, modification, and application of polypropylene membrane. <i>Journal of Polymer Engineering</i> , 2016, 36, 329-362.	1.4	133
6	LTA zeolite membranes: current progress and challenges in pervaporation. <i>RSC Advances</i> , 2017, 7, 29520-29539.	3.6	107
7	Membrane module design and dynamic shear-induced techniques to enhance liquid separation by hollow fiber modules: a review. <i>Desalination and Water Treatment</i> , 2013, 51, 3604-3627.	1.0	104
8	Electro-membrane processes for organic acid recovery. <i>RSC Advances</i> , 2019, 9, 7854-7869.	3.6	93
9	Membrane fouling and fouling mitigation in oil/water separation: A review. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107532.	6.7	93
10	Surface modification of ion-exchange membranes: Methods, characteristics, and performance. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45540.	2.6	88
11	A review on emerging organic-containing microporous material membranes for carbon capture and separation. <i>Chemical Engineering Journal</i> , 2020, 391, 123575.	12.7	82
12	Superhydrophobic membrane: progress in preparation and its separation properties. <i>Reviews in Chemical Engineering</i> , 2019, 35, 211-238.	4.4	70
13	Performance of a novel electrodeionization technique during citric acid recovery. <i>Separation and Purification Technology</i> , 2004, 39, 89-97.	7.9	68
14	Beverage dealcoholization processes: Past, present, and future. <i>Trends in Food Science and Technology</i> , 2018, 71, 36-45.	15.1	66
15	Recent progress and challenges in membrane-based $O_2/N_2$ separation. <i>Reviews in Chemical Engineering</i> , 2019, 35, 591-625.	4.4	65
16	Preparation of Superhydrophobic Polypropylene Membrane Using Dip-Coating Method: The Effects of Solution and Process Parameters. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 184-194.	1.9	62
17	Bench scale electrodeionization for high pressure boiler feed water. <i>Desalination</i> , 2013, 314, 109-114.	8.2	59
18	Beer dealcoholization using non-porous membrane distillation. <i>Food and Bioproducts Processing</i> , 2015, 94, 180-186.	3.6	57

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19	Mechanisms and control of fouling in crossflow microfiltration. <i>Filtration and Separation</i> , 1995, 32, 252-253.	0.0	56
20	Heterogeneous structure and its effect on properties and electrochemical behavior of ion-exchange membrane. <i>Materials Research Express</i> , 2017, 4, 024006.	1.6	53
21	Combined ultrafiltration-electrodeionization technique for production of high purity water. <i>Water Science and Technology</i> , 2017, 75, 2891-2899.	2.5	53
22	Ozonation through ceramic membrane contactor for iodide oxidation during iodine recovery from brine water. <i>Desalination</i> , 2012, 306, 29-34.	8.2	51
23	Advances in electrodeionization technology for ionic separation - A review. <i>Membrane Water Treatment</i> , 2014, 5, 87-108.	0.5	51
24	Brine Effluents: Characteristics, Environmental Impacts, and Their Handling. <i>Journal of Engineering and Technological Sciences</i> , 2016, 48, 367-387.	0.6	48
25	Polysulfone membranes for CO <sub>2</sub> /CH <sub>4</sub> separation: State of the art. <i>IOSR Journal of Engineering</i> , 2012, 02, 484-495.	0.1	45
26	Extractive membrane bioreactor (EMBR): Recent advances and applications. <i>Bioresource Technology</i> , 2020, 297, 122424.	9.6	43
27	Removal of inorganic contaminants in sugar refining process using electrodeionization. <i>Journal of Food Engineering</i> , 2014, 133, 40-45.	5.2	40
28	Hydrophilic modification of polypropylene ultrafiltration membrane by air-assisted polydopamine coating. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1148-1155.	3.2	40
29	Nanofiltration membrane cross-linked by <i>m</i> -phenylenediamine for dye removal from textile wastewater. <i>Polymers for Advanced Technologies</i> , 2019, 30, 360-367.	3.2	40
30	Preparation of antifouling polypropylene/ZnO composite hollow fiber membrane by dip-coating method for peat water treatment. <i>Journal of Water Process Engineering</i> , 2020, 34, 101158.	5.6	39
31	Advancement of forward osmosis (FO) membrane for fruit juice concentration. <i>Journal of Food Engineering</i> , 2021, 290, 110216.	5.2	39
32	Recent Progress in Extending the Cycle-Life of Secondary Zn-Air Batteries. <i>ChemNanoMat</i> , 2021, 7, 354-367.	2.8	37
33	N on Dispersive Chemical Deacidification of Crude Palm Oil in Hollow Fiber Membrane Contactor. <i>Journal of Engineering and Technological Sciences</i> , 2015, 47, 426-446.	0.6	37
34	Ionic Separation in Electrodeionization System: Mass Transfer Mechanism and Factor Affecting Separation Performance. <i>Separation and Purification Reviews</i> , 2020, 49, 294-316.	5.5	36
35	A mini-review and recent outlooks on the synthesis and applications of zeolite imidazolate framework (ZIF) membranes on polymeric substrate. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2767-2774.	3.2	36
36	Performance and characterization of PEG400 modified PVC ultrafiltration membrane. <i>Membrane Water Treatment</i> , 2015, 6, 379-392.	0.5	36

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37	The effect of polymer concentration on flux stability of polysulfone membrane. AIP Conference Proceedings, 2017, , .	0.4	34
38	The effects of non-solvent on surface morphology and hydrophobicity of dip-coated polypropylene membrane. Materials Research Express, 2017, 4, 054001.	1.6	34
39	Novel ionic separation mechanisms in electrically driven membrane processes. Advances in Colloid and Interface Science, 2020, 284, 102269.	14.7	34
40	Enzymatic hollow fiber membrane bioreactor for penicillin hydrolysis. Desalination, 2002, 149, 279-285.	8.2	33
41	The performance of 1,3-dipropyl-2-(2-propoxyphenyl)-4,5-diphenylimidazolium iodide based ionic liquid for biomass conversion into levulinic acid and formic acid. Bioresource Technology, 2020, 315, 123864.	9.6	33
42	Ionic Liquid Membrane for Carbon Capture and Separation. Separation and Purification Reviews, 2022, 51, 261-280.	5.5	33
43	Corrosion Inhibition Performances of Imidazole Derivatives-Based New Ionic Liquids on Carbon Steel in Brackish Water. Applied Sciences (Switzerland), 2020, 10, 7069.	2.5	31
44	Apple juice concentration using submerged direct contact membrane distillation (SDCMD). Journal of Food Engineering, 2020, 272, 109807.	5.2	30
45	The Influence of PEG400 and Acetone on Polysulfone Membrane Morphology and Fouling Behaviour. Journal of Engineering and Technological Sciences, 2016, 48, 135-149.	0.6	30
46	Recent Advancements of UF-Based Separation for Selective Enrichment of Proteins and Bioactive Peptides—A Review. Applied Sciences (Switzerland), 2021, 11, 1078.	2.5	29
47	Recent advances in waste lube oils processing technologies. Environmental Progress and Sustainable Energy, 2018, 37, 1867-1881.	2.3	26
48	Investigation of Electrochemical and Morphological Properties of Mixed Matrix Polysulfone-Silica Anion Exchange Membrane. Journal of Engineering and Technological Sciences, 2016, 48, 1-11.	0.6	26
49	Membrane distillation for wastewater treatment: Current trends, challenges and prospects of dense membrane distillation. Journal of Water Process Engineering, 2022, 46, 102615.	5.6	25
50	Combined ultrafiltration and electrodeionization techniques for microbial xylitol purification. Food and Bioproducts Processing, 2019, 114, 245-252.	3.6	24
51	Integrated processes for desalination and salt production: A mini-review. AIP Conference Proceedings, 2017, , .	0.4	23
52	Simultaneous clarification and dehydration of crude palm oil using superhydrophobic polypropylene membrane. Journal of Food Engineering, 2019, 248, 23-27.	5.2	23
53	Zeolite membrane reactors: from preparation to application in heterogeneous catalytic reactions. Reaction Chemistry and Engineering, 2021, 6, 401-417.	3.7	23
54	Electrochemically-driven struvite recovery: Prospect and challenges for the application of magnesium sacrificial anode. Separation and Purification Technology, 2022, 288, 120653.	7.9	23

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55	Re-refining of waste engine oil using ultrafiltration membrane. Journal of Environmental Chemical Engineering, 2020, 8, 103789.	6.7	22
56	Reviewâ€™Recent Advance in Multi-Metallic Metal Organic Frameworks (MM-MOFs) and Their Derivatives for Electrochemical Biosensor Application. Journal of the Electrochemical Society, 2022, 169, 017504.	2.9	22
57	Fouling mechanism in ultrafiltration of vegetable oil. Materials Research Express, 2018, 5, 034009.	1.6	21
58	Nano-silica/polysulfone asymmetric mixed-matrix membranes (MMMs) with high CO <sub>2</sub> permeance in the application of CO <sub>2</sub> /N <sub>2</sub> separation. Polymer-Plastics Technology and Materials, 2019, 58, 678-689.	1.3	21
59	Membrane-based zero-sludge palm oil mill plant. Reviews in Chemical Engineering, 2020, 36, 237-263.	4.4	21
60	Post combustion CO <sub>2</sub> capture using zeolite membrane. AIP Conference Proceedings, 2017, , .	0.4	20
61	The Bubble Gas Transport Method. , 2017, , 199-218.		20
62	Silica supported SAPO-34 membranes for CO <sub>2</sub> /N <sub>2</sub> separation. Microporous and Mesoporous Materials, 2020, 298, 110068.	4.4	20
63	Conversion of Glucose to 5-Hydroxymethylfurfural, Levulinic Acid, and Formic Acid in 1,3-Dibutyl-2-(2-butoxyphenyl)-4,5-diphenylimidazolium Iodide-Based Ionic Liquid. Applied Sciences (Switzerland), 2021, 11, 989.	2.5	20
64	High-Performance Ultrafiltration Membrane: Recent Progress and Its Application for Wastewater Treatment. Current Pollution Reports, 2021, 7, 448-462.	6.6	20
65	Development of quantitative structure-property relationship to predict the viscosity of deep eutectic solvent for CO <sub>2</sub> capture using molecular descriptor. Journal of Molecular Liquids, 2022, 347, 118239.	4.9	20
66	Determination of thermodynamic properties of polysulfone/PEG membrane solutions based on Flory-Huggins model. AIP Conference Proceedings, 2017, , .	0.4	19
67	Recent advances in antimicrobial air filter. E3S Web of Conferences, 2018, 67, 03016.	0.5	19
68	Polyionic liquid membrane: Recent development and perspective. Journal of Industrial and Engineering Chemistry, 2022, 113, 96-123.	5.8	19
69	Semi-industrial high-temperature ceramic membrane clarification during starch hydrolysis. Journal of Food Engineering, 2020, 274, 109844.	5.2	18
70	Current progress on zeolite membrane reactor for CO <sub>2</sub> hydrogenation. AIP Conference Proceedings, 2017, , .	0.4	17
71	The role of ion-exchange membrane in energy conversion. AIP Conference Proceedings, 2017, , .	0.4	17
72	Current Perspectives and Mini Review on Zeolitic Imidazolate Framework-8 (ZIF-8) Membranes on Organic Substrates. IOP Conference Series: Materials Science and Engineering, 2019, 703, 012045.	0.6	17

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73	Supported ionic liquid membrane in membrane reactor. AIP Conference Proceedings, 2017, , .	0.4	16
74	Recent advances on the nanoporous catalysts for the generation of renewable fuels. Journal of Materials Research and Technology, 2022, 17, 3277-3336.	5.8	16
75	Oilfield Produced Water Reuse and Reinjection with Membrane. MATEC Web of Conferences, 2018, 156, 08005.	0.2	15
76	Fouling tendency of PDA/PVP surface modified PP membrane. Surfaces and Interfaces, 2020, 19, 100464.	3.0	15
77	Two-Electron Electrochemical Reduction of CO <sub>2</sub> on B-Doped Ni <sup>2+</sup> /C Catalysts: A First-Principles Study. Journal of Physical Chemistry C, 2021, 125, 19247-19258.	3.1	15
78	A Concise and Efficient Synthesis of Novel Alkylated 2-(2-hydroxyphenyl)-4,5-diphenylimidazole-based Ionic Liquids Using the MAOS Technique. Organic Preparations and Procedures International, 2021, 53, 151-156.	1.3	14
79	Improved anti-organic fouling of polyvinyl chloride-based heterogeneous anion-exchange membrane modified by hydrophilic additives. Journal of Water Process Engineering, 2021, 41, 102007.	5.6	14
80	Flory-Huggins Based Model to Determine Thermodynamic Property of Polymeric Membrane Solution. Journal of Physics: Conference Series, 2018, 1090, 012074.	0.4	13
81	Graphene Oxide- Inorganic Composite Membrane: A Review. IOP Conference Series: Materials Science and Engineering, 0, 395, 012005.	0.6	13
82	From lab to full-scale ultrafiltration in microalgae harvesting. Journal of Physics: Conference Series, 2017, 877, 012002.	0.4	12
83	Preparation of antibacterial and antifouling PSF/ZnO/eugenol membrane for peat water ultrafiltration. Water Science and Technology: Water Supply, 2019, 19, 2248-2255.	2.1	12
84	Hydrophilic Modification of Polymeric Membrane using Graft Polymerization Method: A Mini Review. IOP Conference Series: Materials Science and Engineering, 2019, 547, 012054.	0.6	12
85	Membrane Biosorption: Recent Advances and Challenges. Current Pollution Reports, 2020, 6, 152-172.	6.6	12
86	Formation of Tilted FeN <sub>4</sub> Configuration as the Origin of Oxygen Reduction Reaction Activity Enhancement on a Pyrolyzed Fe-N-C Catalyst with FeN <sub>4</sub> -Edge Active Sites. Journal of Physical Chemistry C, 2021, 125, 19682-19696.	3.1	12
87	SAPO-34 zeotype membrane for gas sweetening. Reviews in Chemical Engineering, 2022, 38, 431-450.	4.4	12
88	Structure and transport properties of polyvinyl chloride-based heterogeneous cation-exchange membrane modified by additive blending and sulfonation. Journal of Electroanalytical Chemistry, 2020, 873, 114304.	3.8	11
89	Cane sugar crystallization using submerged vacuum membrane distillation crystallization (SVMDC). Journal of Food Science and Technology, 2021, 58, 2368-2376.	2.8	11
90	Membrane-Based Downstream Processing of Microbial Xylitol Production. International Journal of Technology, 2017, 8, 1393.	0.8	11

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91	A Review of Gum Hydrocolloid Polyelectrolyte Complexes (PEC) for Biomedical Applications: Their Properties and Drug Delivery Studies. Processes, 2021, 9, 1796.	2.8	11
92	Study on the influence of applied voltage and feed concentration on the performance of electrodeionization in nickel recovery from electroplating wastewater. AIP Conference Proceedings, 2017, , .	0.4	10
93	Superhydrophobic Membrane Contactor for Acid Gas Removal. Journal of Physics: Conference Series, 2017, 877, 012010.	0.4	10
94	Pineapple juice acidity removal using electrodeionization (EDI). Journal of Food Engineering, 2021, 304, 110595.	5.2	10
95	Metal Oxide based Antibacterial Membrane. IOP Conference Series: Materials Science and Engineering, 0, 395, 012021.	0.6	9
96	Membrane technology in air pollution control: prospect and challenge. Journal of Physics: Conference Series, 2019, 1217, 012046.	0.4	9
97	Preparation of hydrophilic polypropylene membrane by acid dipping technique. Materials Research Express, 2019, 6, 075308.	1.6	9
98	High cell density submerged membrane photobioreactor (SMPBR) for microalgae cultivation. IOP Conference Series: Earth and Environmental Science, 2022, 963, 012034.	0.3	9
99	NON-DISSOLVED SOLIDS REMOVAL DURING PALM KERNEL OIL ULTRAFILTRATION. Reaktor, 2014, 14, .	0.3	8
100	Surface engineering of polymer membrane for air separation. AIP Conference Proceedings, 2017, , .	0.4	8
101	Prospect and Challenges of Tight Ultrafiltration Membrane in Drinking Water Treatment. IOP Conference Series: Materials Science and Engineering, 2018, 395, 012012.	0.6	8
102	Advancement In Forward Osmosis (FO) Membrane For Concentration Of Liquid Foods. IOP Conference Series: Materials Science and Engineering, 2019, 547, 012053.	0.6	8
103	Advances in seawater membrane distillation (SWMD) towards stand-alone zero liquid discharge (ZLD) desalination. Reviews in Chemical Engineering, 2022, 38, 959-990.	4.4	8
104	Membrane-Based Carbon Capture Technology: Challenges and Opportunities in Indonesia. Advanced Science Letters, 2017, 23, 5768-5771.	0.2	8
105	The effect of annealing and stretching parameters on the structure and performance of polypropylene hollow fiber membrane. Materials Research Express, 2019, 6, 054001.	1.6	7
106	Molecularly Imprinted Affinity Membrane: A Review. ACS Omega, 2022, 7, 23009-23026.	3.5	7
107	COMBINATION OF REVERSE OSMOSIS AND ELECTRODEIONIZATION FOR SIMULTANEOUS SUGAR RECOVERY AND SALTS REMOVAL FROM SUGARY WASTEWATER. Reaktor, 2011, 11, 91.	0.3	6
108	Ultrafiltration of hemicellulose hydrolysate fermentation broth. AIP Conference Proceedings, 2017, , .	0.4	6

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109	Synthesis of eugenol-based selective membrane for hemodialysis. IOP Conference Series: Materials Science and Engineering, 0, 509, 012069.	0.6	6
110	Electrochemical Properties of Chemically Treated Polyvinylchloride-Based Heterogeneous Cation-Exchange Membrane. Polymer Engineering and Science, 2019, 59, E219.	3.1	6
111	Treatment of Textile Wastewater by a Coupling of Activated Sludge Process with Membrane Separation. Journal of Water and Environment Technology, 2005, 3, 125-132.	0.7	6
112	Carbon steel corrosion inhibition activity of tofu associated proteins. Bioresource Technology Reports, 2022, 17, 100973.	2.7	6
113	Advances in Membrane Bioreactor: High Performance and Antifouling Configurations. Current Pollution Reports, 2022, 8, 98-112.	6.6	6
114	Rare earth element enrichment using membrane based solvent extraction. AIP Conference Proceedings, 2017, , .	0.4	5
115	Recent Advances on Bioethanol Dehydration using Zeolite Membrane. Journal of Physics: Conference Series, 2017, 877, 012074.	0.4	5
116	Ceramic membrane ozonator for soluble organics removal from produced water. IOP Conference Series: Materials Science and Engineering, 2018, 285, 012012.	0.6	5
117	Effect of hydrophilic additive and PVC polymerization degree on morphology and electrochemical properties of PVC-based heterogeneous cation-exchange membrane. Journal of Applied Polymer Science, 2018, 135, 46690.	2.6	5
118	Hydrogen Selective Layer for Dehydrogenation Membrane Reactor. Advanced Science Letters, 2017, 23, 5726-5728.	0.2	5
119	Long-Term Performance of a Pilot Scale Combined Chemical Precipitation-Ultrafiltration Technique for Waste Brine Regeneration at Chevron Steam Flooding Plant. Journal of Engineering and Technological Sciences, 2020, 52, 501.	0.6	5
120	Preparation of highly selective PSf/ZnO/PEG400 tight ultrafiltration membrane for dyes removal. Journal of Applied Polymer Science, 2022, 139, .	2.6	5
121	Preparation and characterization of polysulfone/PEG heterogeneous ion exchange membrane for reverse electrodialysis (RED). Journal of Physics: Conference Series, 2017, 877, 012075.	0.4	4
122	Recent progress in microfiltration polypropylene membrane fabrication by stretching method. E3S Web of Conferences, 2018, 67, 03018.	0.5	4
123	The effect of heterogeneity in ion-exchange membrane structure on Donnan Exclusion. Journal of Physics: Conference Series, 2018, 1090, 012045.	0.4	4
124	Kapok fibre as potential oil-absorbing material: Modification mechanism and performance evaluation. IOP Conference Series: Materials Science and Engineering, 2020, 823, 012033.	0.6	4
125	Mechanism of Ion Transfer in Electrodeionization (EDI) System. Advanced Science Letters, 2017, 23, 5640-5642.	0.2	4
126	Advances and challenges in the development of nanosheet membranes. Reviews in Chemical Engineering, 2023, 39, 631-668.	4.4	4



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127	Flue gas carbon capture using hollow fiber membrane diffuser-separator. IOP Conference Series: Materials Science and Engineering, 2018, 285, 012010.	0.6	3
128	Membrane separation for non-aqueous solution. IOP Conference Series: Materials Science and Engineering, 2018, 285, 012008.	0.6	3
129	Recent Development of Lactic Acid Production using Membrane Bioreactors. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012023.	0.6	3
130	Modified zeolite-based polymer nanocomposite membranes for pervaporation. , 2020, , 263-300.		3
131	Separation of oil-in-water emulsion using slotted pore membrane. Jurnal Teknik Kimia Indonesia, 2018, 11, 57.	0.1	3
132	Probing the interior lamellar periodicity and nano-assembly of polymer spherulites via combinatory etching methodology. Polymer, 2019, 176, 179-187.	3.8	2
133	SIMULTANEOUS METHYL ESTER PRODUCTION AND CAROTENE RECOVERY FROM CRUDE PALM OIL USING MEMBRANE REACTOR. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	2
134	Antimicrobial hollow fiber polypropylene/ZnO membrane for effective air filtration. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012005.	0.6	2
135	Synthetic polymer-based membranes for heavy metal removal. , 2020, , 71-101.		2
136	The Influence of Polymerization Degree on Morphology and Electrochemical Properties of PVC-Based Heterogeneous Ion-Exchange Membrane. Advanced Science Letters, 2017, 23, 5762-5764.	0.2	2
137	Analysis of Protein Separation Mechanism in Charged Ultrafiltration Membrane. Journal of Engineering and Technological Sciences, 2018, 50, 202-223.	0.6	2
138	Techno-economic comparison of pilot-scale EDI and BWRO for brackish water desalination. , 0, 189, 89-97.		2
139	Progress of fitting models describing transport phenomena within nanofiltration membranes: a review. , 0, 184, 94-129.		2
140	Polymeric membranes in electrodialysis, electrodialysis reversal, and capacitive deionization technologies. , 2022, , 541-567.		2
141	Direct synthesis of hydrogen peroxide using in-situ selective layer. AIP Conference Proceedings, 2017, , .	0.4	1
142	SO <sub>2</sub> Removal from the flue gas by hollow fibre membrane contactor. MATEC Web of Conferences, 2018, 156, 08007.	0.2	1
143	The Influence of Operating Parameters on Membrane Performance in Used Lube Oil Processing. IOP Conference Series: Materials Science and Engineering, 2018, 395, 012018.	0.6	1
144	Experimental Investigation and Numerical analysis of SO <sub>2</sub> Removal Using Polypropylene Membrane Contactor. Journal of Physics: Conference Series, 2018, 1090, 012008.	0.4	1

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145	Hydrogenation of Maltose in Catalytic Membrane Reactor for Maltitol Production. MATEC Web of Conferences, 2018, 156, 08008.	0.2	1
146	FINE PARTICLE REMOVAL USING HYDROPHOBIC MICROPOROUS POLYMERIC MEMBRANES. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	1
147	Preliminary study of wet-free CO <sub>2</sub> absorption through membrane diffuser. IOP Conference Series: Materials Science and Engineering, 2020, 823, 012049.	0.6	1
148	Impurity Removal of Waste Cooking Oil Using Hydrophobic Polypropylene Hollow Fiber Membrane. Journal of Engineering and Technological Sciences, 2019, 51, 216-230.	0.6	1
149	Recent advances in dual-filler mixed matrix membranes. Reviews in Chemical Engineering, 2020, .	4.4	1
150	Sustainable membranes with FNMs for energy generation and fuel cells. , 2022, , 245-274.		1
151	5560828 Method for the removal of components causing turbidity, from a fluid, by means of microfiltration. Biotechnology Advances, 1997, 15, 453.	11.7	0
152	Experimental And Mathematical Modeling Studies Of Liquid-Liquid Membrane Contactor. Reaktor, 2017, 5, 71.	0.3	0
153	Transversal Submerged Membrane Contactor for Simultaneous Absorption and Desorption of CO <sub>2</sub> During Natural Gas Sweetening Process. IOP Conference Series: Materials Science and Engineering, 2018, 395, 012013.	0.6	0
154	DETERMINATION OF FOULING MECHANISM IN ULTRAFILTRATION OF ELECTROPLATING WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	0
155	Chapter 4 Membrane-based beverage dealcoholization. , 2021, , 69-94.		0
156	Two Dimentional Numerical Models Of Hollow Fiber Membrane Contactor. Reaktor, 2017, 6, 77.	0.3	0