I Gede Wenten

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5180928/publications.pdf

Version: 2024-02-01

156 papers	4,156 citations	117625 34 h-index	144013 57 g-index
160 all docs	160 docs citations	160 times ranked	3053 citing authors

#	Article	IF	Citations
1	Advances and challenges in the development of nanosheet membranes. Reviews in Chemical Engineering, 2023, 39, 631-668.	4.4	4
2	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
3	Ionic Liquid Membrane for Carbon Capture and Separation. Separation and Purification Reviews, 2022, 51, 261-280.	5.5	33
4	SAPO-34 zeotype membrane for gas sweetening. Reviews in Chemical Engineering, 2022, 38, 431-450.	4.4	12
5	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
6	Development of quantitative structure-property relationship to predict the viscosity of deep eutectic solvent for CO2 capture using molecular descriptor. Journal of Molecular Liquids, 2022, 347, 118239.	4.9	20
7	High cell density submerged membrane photobioreactor (SMPBR) for microalgae cultivation. IOP Conference Series: Earth and Environmental Science, 2022, 963, 012034.	0.3	9
8	Carbon steel corrosion inhibition activity of tofu associated proteins. Bioresource Technology Reports, 2022, 17, 100973.	2.7	6
9	Electrochemically-driven struvite recovery: Prospect and challenges for the application of magnesium sacrificial anode. Separation and Purification Technology, 2022, 288, 120653.	7.9	23
10	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
11	Polymeric membranes in electrodialysis, electrodialysis reversal, and capacitive deionization technologies. , 2022, , 541-567.		2
12	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
13	Advances in Membrane Bioreactor: High Performance and Antifouling Configurations. Current Pollution Reports, 2022, 8, 98-112.	6.6	6
14	Membrane fouling and fouling mitigation in oilâ€"water separation: A review. Journal of Environmental Chemical Engineering, 2022, 10, 107532.	6.7	93
15	Sustainable membranes with FNMs for energy generation and fuel cells. , 2022, , 245-274.		1
16	Polyionic liquid membrane: Recent development and perspective. Journal of Industrial and Engineering Chemistry, 2022, 113, 96-123.	5.8	19
17	<scp>Preparation of highly selective PSf</scp>/<scp>ZnO</scp>/<scp>PEG400 tight ultrafiltration membrane for dyes removal</scp>. Journal of Applied Polymer Science, 2022, 139, .	2.6	5
18	Molecularly Imprinted Affinity Membrane: A Review. ACS Omega, 2022, 7, 23009-23026.	3.5	7

#	Article	IF	Citations
19	Advancement of forward osmosis (FO) membrane for fruit juice concentration. Journal of Food Engineering, 2021, 290, 110216.	5.2	39
20	Cane sugar crystallization using submerged vacuum membrane distillation crystallization (SVMDC). Journal of Food Science and Technology, 2021, 58, 2368-2376.	2.8	11
21	Zeolite membrane reactors: from preparation to application in heterogeneous catalytic reactions. Reaction Chemistry and Engineering, 2021, 6, 401-417.	3.7	23
22	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
23	Recent Progress in Extending the Cycleâ€Life of Secondary Znâ€Air Batteries. ChemNanoMat, 2021, 7, 354-367.	2.8	37
24	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
25	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
26	Chapter 4 Membrane-based beverage dealcoholization. , 2021, , 69-94.		0
27	Two-Electron Electrochemical Reduction of CO₂ on B-Doped Niâ€“Nâ€“C Catalysts: A First-Principles Study. Journal of Physical Chemistry C, 2021, 125, 19247-19258.	3.1	15
28	Pineapple juice acidity removal using electrodeionization (EDI). Journal of Food Engineering, 2021, 304, 110595.	5.2	10
29	Formation of Tilted FeN₄ Configuration as the Origin of Oxygen Reduction Reaction Activity Enhancement on a Pyrolyzed Fe-N-C Catalyst with FeN₄-Edge Active Sites. Journal of Physical Chemistry C, 2021, 125, 19682-19696.	3.1	12
30	Recent Advancements of UF-Based Separation for Selective Enrichment of Proteins and Bioactive Peptidesâ€”A Review. Applied Sciences (Switzerland), 2021, 11, 1078.	2.5	29
31	High-Performance Ultrafiltration Membrane: Recent Progress and Its Application for Wastewater Treatment. Current Pollution Reports, 2021, 7, 448-462.	6.6	20
32	A Review of Gum Hydrocolloid Polyelectrolyte Complexes (PEC) for Biomedical Applications: Their Properties and Drug Delivery Studies. Processes, 2021, 9, 1796.	2.8	11
33	Membrane-based zero-sludge palm oil mill plant. Reviews in Chemical Engineering, 2020, 36, 237-263.	4.4	21
34	Ionic Separation in Electrodeionization System: Mass Transfer Mechanism and Factor Affecting Separation Performance. Separation and Purification Reviews, 2020, 49, 294-316.	5.5	36
35	Apple juice concentration using submerged direct contact membrane distillation (SDCMD). Journal of Food Engineering, 2020, 272, 109807.	5.2	30
36	Extractive membrane bioreactor (EMBR): Recent advances and applications. Bioresource Technology, 2020, 297, 122424.	9.6	43

#	Article	IF	Citations
37	A review on emerging organic-containing microporous material membranes for carbon capture and separation. Chemical Engineering Journal, 2020, 391, 123575.	12.7	82
38	Semi-industrial high-temperature ceramic membrane clarification during starch hydrolysis. Journal of Food Engineering, 2020, 274, 109844.	5.2	18
39	Novel ionic separation mechanisms in electrically driven membrane processes. Advances in Colloid and Interface Science, 2020, 284, 102269.	14.7	34
40	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
41	Silica supported SAPO-34 membranes for CO2/N2 separation. Microporous and Mesoporous Materials, 2020, 298, 110068.	4.4	20
42	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
43	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
44	Membrane Biosorption: Recent Advances and Challenges. Current Pollution Reports, 2020, 6, 152-172.	6.6	12
45	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
46	Modified zeolite-based polymer nanocomposite membranes for pervaporation. , 2020, , 263-300.		3
47	Synthetic polymer-based membranes for heavy metal removal. , 2020, , 71-101.		2
48	Preliminary study of wet-free CO2 absorption through membrane diffuser. IOP Conference Series: Materials Science and Engineering, 2020, 823, 012049.	0.6	1
49	Re-refining of waste engine oil using ultrafiltration membrane. Journal of Environmental Chemical Engineering, 2020, 8, 103789.	6.7	22
50	Preparation of antifouling polypropylene/ZnO composite hollow fiber membrane by dip-coating method for peat water treatment. Journal of Water Process Engineering, 2020, 34, 101158.	5.6	39
51	Fouling tendency of PDA/PVP surface modified PP membrane. Surfaces and Interfaces, 2020, 19, 100464.	3.0	15
52	A miniâ€review and recent outlooks on the synthesis and applications of zeolite imidazolate frameworkâ€8 (<scp>ZIF</scp>â€8) membranes on polymeric substrate. Journal of Chemical Technology and Biotechnology, 2020, 95, 2767-2774.	3.2	36
53	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
54	Recent advances in dual-filler mixed matrix membranes. Reviews in Chemical Engineering, 2020, .	4.4	1

#	Article	IF	Citations
55	Recent progress and challenges in membrane-based O₂/N₂separation. Reviews in Chemical Engineering, 2019, 35, 591-625.	4.4	65
56	Membrane technology in air pollution control: prospect and challenge. Journal of Physics: Conference Series, 2019, 1217, 012046.	0.4	9
57	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
58	Combined ultrafiltration and electrodeionization techniques for microbial xylitol purification. Food and Bioproducts Processing, 2019, 114, 245-252.	3.6	24
59	Probing the interior lamellar periodicity and nano-assembly of polymer spherulites via combinatory etching methodology. Polymer, 2019, 176, 179-187.	3.8	2
60	FINE PARTICLE REMOVAL USING HYDROPHOBIC MICROPOROUS POLYMERIC MEMBRANES. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	1
61	Electro-membrane processes for organic acid recovery. RSC Advances, 2019, 9, 7854-7869.	3.6	93
62	SIMULTANEOUS METHYL ESTER PRODUCTION AND CAROTENE RECOVERY FROM CRUDE PALM OIL USING MEMBRANE REACTOR. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	2
63	Membrane-based carbon capture technologies: Membrane gas separation vs. membrane contactor. Journal of Natural Gas Science and Engineering, 2019, 67, 172-195.	4.4	138
64	Preparation of hydrophilic polypropylene membrane by acid dipping technique. Materials Research Express, 2019, 6, 075308.	1.6	9
65	Hydrophilic modification of polypropylene ultrafiltration membrane by airâ€assisted polydopamine coating. Polymers for Advanced Technologies, 2019, 30, 1148-1155.	3.2	40
66	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
67	Antimicrobial hollow fiber polypropylene/ZnO membrane for effective air filtration. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012005.	0.6	2
68	Recent Development of Lactic Acid Production using Membrane Bioreactors. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012023.	0.6	3
69	Advancement In Forward Osmosis (FO) Membrane For Concentration Of Liquid Foods. IOP Conference Series: Materials Science and Engineering, 2019, 547, 012053.	0.6	8
70	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
71	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
72	Simultaneous clarification and dehydration of crude palm oil using superhydrophobic polypropylene membrane. Journal of Food Engineering, 2019, 248, 23-27.	5.2	23

#	Article	IF	Citations
73	Electrochemical Properties of Chemically Treated Polyvinylchlorideâ€Based Heterogeneous Cationâ€Exchange Membrane. Polymer Engineering and Science, 2019, 59, E219.	3.1	6
74	Nanofiltration membrane crossâ€linked by mâ€phenylenediamine for dye removal from textile wastewater. Polymers for Advanced Technologies, 2019, 30, 360-367.	3.2	40
75	Nano-silica/polysulfone asymmetric mixed-matrix membranes (MMMs) with high CO₂ permeance in the application of CO2/N2 separation. Polymer-Plastics Technology and Materials, 2019, 58, 678-689.	1.3	21
76	Superhydrophobic membrane: progress in preparation and its separation properties. Reviews in Chemical Engineering, 2019, 35, 211-238.	4.4	70
77	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
78	SO₂ Removal from the flue gas by hollow fibre membrane contactor. MATEC Web of Conferences, 2018, 156, 08007.	0.2	1
79	Fouling mechanism in ultrafiltration of vegetable oil. Materials Research Express, 2018, 5, 034009.	1.6	21
80	Oilfield Produced Water Reuse and Reinjection with Membrane. MATEC Web of Conferences, 2018, 156, 08005.	0.2	15
81	Beverage dealcoholization processes: Past, present, and future. Trends in Food Science and Technology, 2018, 71, 36-45.	15.1	66
82	Recent advances in antimicrobial air filter. E3S Web of Conferences, 2018, 67, 03016.	0.5	19
83	Recent progress in microfiltration polypropylene membrane fabrication by stretching method. E3S Web of Conferences, 2018, 67, 03018.	0.5	4
84	Transversal Submerged Membrane Contactor for Simultaneous Absorption and Desorption of CO2 During Natural Gas Sweetening Process. IOP Conference Series: Materials Science and Engineering, 2018, 395, 012013.	0.6	0
85	Ceramic membrane ozonator for soluble organics removal from produced water. IOP Conference Series: Materials Science and Engineering, 2018, 285, 012012.	0.6	5
86	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
87	Flue gas carbon capture using hollow fiber membrane diffuser-separator. IOP Conference Series: Materials Science and Engineering, 2018, 285, 012010.	0.6	3
88	DETERMINATION OF FOULING MECHANISM IN ULTRAFILTRATION OF ELECTROPLATING WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	0
89	Experimental Investigation and Numerical analysis of SO2 Removal Using Polypropylene Membrane Contactor. Journal of Physics: Conference Series, 2018, 1090, 012008.	0.4	1
90	The effect of heterogeneity in ion-exchange membrane structure on Donnan Exclusion. Journal of Physics: Conference Series, 2018, 1090, 012045.	0.4	4

#	Article	IF	Citations
91	Recent advances in waste lube oils processing technologies. Environmental Progress and Sustainable Energy, 2018, 37, 1867-1881.	2.3	26
92	Flory-Huggins Based Model to Determine Thermodynamic Property of Polymeric Membrane Solution. Journal of Physics: Conference Series, 2018, 1090, 012074.	0.4	13
93	Prospect and Challenges of Tight Ultrafiltration Membrane in Drinking Water Treatment. IOP Conference Series: Materials Science and Engineering, 2018, 395, 012012.	0.6	8
94	Effect of hydrophilic additive and PVC polymerization degree on morphology and electrochemical properties of PVCâ€based heterogeneous cationâ€exchange membrane. Journal of Applied Polymer Science, 2018, 135, 46690.	2.6	5
95	Hydrogenation of Maltose in Catalytic Membrane Reactor for Maltitol Production. MATEC Web of Conferences, 2018, 156, 08008.	0.2	1
96	Membrane separation for non-aqueous solution. IOP Conference Series: Materials Science and Engineering, 2018, 285, 012008.	0.6	3
97	Separation of oil-in-water emulsion using slotted pore membrane. Jurnal Teknik Kimia Indonesia, 2018, 11, 57.	0.1	3
98	Analysis of Protein Separation Mechanism in Charged Ultrafiltration Membrane. Journal of Engineering and Technological Sciences, 2018, 50, 202-223.	0.6	2
99	Preparation of Superhydrophobic Polypropylene Membrane Using Dip-Coating Method: The Effects of Solution and Process Parameters. Polymer-Plastics Technology and Engineering, 2017, 56, 184-194.	1.9	62
100	The effect of polymer concentration on flux stability of polysulfone membrane. AIP Conference Proceedings, 2017, , .	0.4	34
101	Supported ionic liquid membrane in membrane reactor. AIP Conference Proceedings, 2017, , .	0.4	16
102	Heterogeneous structure and its effect on properties and electrochemical behavior of ion-exchange membrane. Materials Research Express, 2017, 4, 024006.	1.6	53
103	Current progress on zeolite membrane reactor for CO2 hydrogenation. AIP Conference Proceedings, 2017, , .	0.4	17
104	Rare earth element enrichment using membrane based solvent extraction. AIP Conference Proceedings, 2017, , .	0.4	5
105	Integrated processes for desalination and salt production: A mini-review. AIP Conference Proceedings, 2017, , .	0.4	23
106	The effects of non-solvent on surface morphology and hydrophobicity of dip-coated polypropylene membrane. Materials Research Express, 2017, 4, 054001.	1.6	34
107	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
108	LTA zeolite membranes: current progress and challenges in pervaporation. RSC Advances, 2017, 7, 29520-29539.	3.6	107

#	Article	IF	Citations
109	Direct synthesis of hydrogen peroxide using in-situ selective layer. AIP Conference Proceedings, 2017, , .	0.4	1
110	Determination of thermodynamic properties of polysulfone/PEG membrane solutions based on Flory-Huggins model. AIP Conference Proceedings, 2017, , .	0.4	19
111	Ultrafiltration of hemicellulose hydrolysate fermentation broth. AIP Conference Proceedings, 2017, , .	0.4	6
112	Combined ultrafiltration-electrodeionization technique for production of high purity water. Water Science and Technology, 2017, 75, 2891-2899.	2.5	53
113	Surface modification of ionâ€exchange membranes: Methods, characteristics, and performance. Journal of Applied Polymer Science, 2017, 134, 45540.	2.6	88
114	Superhydrophobic Membrane Contactor for Acid Gas Removal. Journal of Physics: Conference Series, 2017, 877, 012010.	0.4	10
115	From lab to full-scale ultrafiltration in microalgae harvesting. Journal of Physics: Conference Series, 2017, 877, 012002.	0.4	12
116	Post combustion CO2 capture using zeolite membrane. AIP Conference Proceedings, 2017, , .	0.4	20
117	Surface engineering of polymer membrane for air separation. AIP Conference Proceedings, 2017, , .	0.4	8
118	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
119	Recent Advances on Bioethanol Dehydration using Zeolite Membrane. Journal of Physics: Conference Series, 2017, 877, 012074.	0.4	5
120	Functionalized carbon nanotube (CNT) membrane: progress and challenges. RSC Advances, 2017, 7, 51175-51198.	3.6	192
121	The Bubble Gas Transport Method. , 2017, , 199-218.		20
122	The role of ion-exchange membrane in energy conversion. AIP Conference Proceedings, 2017, , .	0.4	17
123	Experimental And Mathematical Modeling Studies Of Liquid-Liquid Membrane Contactor. Reaktor, 2017, 5, 71.	0.3	0
124	Mechanism of Ion Transfer in Electrodeionization (EDI) System. Advanced Science Letters, 2017, 23, 5640-5642.	0.2	4
125	Hydrogen Selective Layer for Dehydrogenation Membrane Reactor. Advanced Science Letters, 2017, 23, 5726-5728.	0.2	5
126	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

#	Article	IF	Citations
127	Membrane-Based Carbon Capture Technology: Challenges and Opportunities in Indonesia. Advanced Science Letters, 2017, 23, 5768-5771.	0.2	8
128	Membrane-Based Downstream Processing of Microbial Xylitol Production. International Journal of Technology, 2017, 8, 1393.	0.8	11
129	Two Dimentional Numerical Models Of Hollow Fiber Membrane Contactor. Reaktor, 2017, 6, 77.	0.3	0
130	Reverse osmosis applications: Prospect and challenges. Desalination, 2016, 391, 112-125.	8.2	247
131	Advances in preparation, modification, and application of polypropylene membrane. Journal of Polymer Engineering, 2016, 36, 329-362.	1.4	133
132	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
133	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
134	Brine Effluents: Characteristics, Environmental Impacts, and Their Handling. Journal of Engineering and Technological Sciences, 2016, 48, 367-387.	0.6	48
135	Beer dealcoholization using non-porous membrane distillation. Food and Bioproducts Processing, 2015, 94, 180-186.	3.6	57
136	Performance and characterization of PEG400 modified PVC ultrafiltration membrane. Membrane Water Treatment, 2015, 6, 379-392.	0.5	36
137	N on Dispersive Chemical Deacidification of Crude Palm Oil in Hollow Fiber Membrane Contactor. Journal of Engineering and Technological Sciences, 2015, 47, 426-446.	0.6	37
138	NON-DISSOLVED SOLIDS REMOVAL DURING PALM KERNEL OIL ULTRAFILTRATION. Reaktor, 2014, 14, .	0.3	8
139	Removal of inorganic contaminants in sugar refining process using electrodeionization. Journal of Food Engineering, 2014, 133, 40-45.	5.2	40
140	Advances in electrodeionization technology for ionic separation - A review. Membrane Water Treatment, 2014, 5, 87-108.	0.5	51
141	Bench scale electrodeionization for high pressure boiler feed water. Desalination, 2013, 314, 109-114.	8.2	59
142	Membrane module design and dynamic shear-induced techniques to enhance liquid separation by hollow fiber modules: a review. Desalination and Water Treatment, 2013, 51, 3604-3627.	1.0	104
143	Ozonation through ceramic membrane contactor for iodide oxidation during iodine recovery from brine water. Desalination, 2012, 306, 29-34.	8.2	51
144	Polysulfone membranes for CO2/CH4 separation: State of the art. IOSR Journal of Engineering, 2012, 02, 484-495.	0.1	45

#	Article	IF	Citations
145	COMBINATION OF REVERSE OSMOSIS AND ELECTRODEIONIZATION FOR SIMULTANEOUS SUGAR RECOVERY AND SALTS REMOVAL FROM SUGARY WASTEWATER. Reaktor, 2011, 11, 91.	0.3	6
146	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
147	Performance of a novel electrodeionization technique during citric acid recovery. Separation and Purification Technology, 2004, 39, 89-97.	7.9	68
148	Enzymatic hollow fiber membrane bioreactor for penicilin hydrolysis. Desalination, 2002, 149, 279-285.	8.2	33
149	5560828 Method for the removal of components causing turbidity, from a fluid, by means of microfiltration. Biotechnology Advances, 1997, 15, 453.	11.7	0
150	Particle deposition during membrane filtration of colloids: transition between concentration polarization and cake formation. Journal of Membrane Science, 1997, 125, 109-122.	8.2	241
151	Mechanisms and control of fouling in crossflow microfiltration. Filtration and Separation, 1995, 32, 252-253.	0.0	56
152	Graphene Oxide- Inorganic Composite Membrane: A Review. IOP Conference Series: Materials Science and Engineering, 0, 395, 012005.	0.6	13
153	Metal Oxide based Antibacterial Membrane. IOP Conference Series: Materials Science and Engineering, 0, 395, 012021.	0.6	9
154	Synthesis of eugenol-based selective membrane for hemodialysis. IOP Conference Series: Materials Science and Engineering, 0, 509, 012069.	0.6	6
155	Techno-economic comparison of pilot-scale EDI and BWRO for brackish water desalination. , 0, 189, 89-97.		2
156	Progress of fitting models describing transport phenomena within nanofiltration membranes: a review. , 0, 184, 94-129.		2