

S Sridhar

List of Publications by Year in descending order

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139
papers

7,693
citations

66343
42
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53230
85
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149
all docs

149
docs citations

149
times ranked

7077
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid polymer electrolyte membranes for fuel cell applications—a review. Journal of Membrane Science, 2005, 259, 10-26.	8.2	1,080
2	Separation of organic-organic mixtures by pervaporation—a review*1. Journal of Membrane Science, 2004, 241, 1-21.	8.2	617
3	Polyelectrolyte Complexes of Chitosan and Poly(acrylic acid) As Proton Exchange Membranes for Fuel Cells—Macromolecules, 2004, 37, 2233-2239.	4.8	346
4	Chitosan—sodium alginate polyion complexes as fuel cell membranes. European Polymer Journal, 2005, 41, 1859-1866.	5.4	284
5	Separation of Carbon Dioxide from Natural Gas Mixtures through Polymeric Membranes—A Review. Separation and Purification Reviews, 2007, 36, 113-174.	5.5	251
6	Mixed matrix membranes of Pebax-1657 loaded with 4A zeolite for gaseous separations. Separation and Purification Technology, 2014, 129, 1-8.	7.9	250
7	Recent advances on sources and industrial applications of lipases. Biotechnology Progress, 2018, 34, 5-28.	2.6	249
8	Gas Permeation Behavior of Pebax-1657 Nanocomposite Membrane Incorporated with Multiwalled Carbon Nanotubes. Industrial & Engineering Chemistry Research, 2010, 49, 6530-6538.	3.7	245
9	Synthesis and characterization of proton conducting polymer membranes for fuel cells. Journal of Membrane Science, 2003, 225, 63-76.	8.2	227
10	Pervaporation separation of isopropanol/water mixtures through crosslinked chitosan membranes. Journal of Membrane Science, 2005, 262, 91-99.	8.2	193
11	Dehydration of ethanol through blend membranes of chitosan and sodium alginate by pervaporation. Separation and Purification Technology, 2004, 40, 259-266.	7.9	183
12	Development of crosslinked poly(ether-block-amide) membrane for CO ₂ /CH ₄ separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 297, 267-274.	4.7	144
13	Chitosan—poly(vinyl pyrrolidone) blends as membranes for direct methanol fuel cell applications. Journal of Power Sources, 2006, 159, 846-854.	7.8	127
14	Air Separation by Polymer-based Membrane Technology. Separation and Purification Reviews, 2013, 42, 130-186.	5.5	123
15	Evaluation of single and two stage anaerobic digestion of landfill leachate: Effect of pH and initial organic loading rate on volatile fatty acid (VFA) and biogas production. Bioresource Technology, 2018, 251, 364-373.	9.6	101
16	Pervaporation separation of ethanol—water mixtures through sodium alginate membranes. Desalination, 2008, 229, 68-81.	8.2	98
17	Matrimid polyimide membranes for the separation of carbon dioxide from methane. Journal of Applied Polymer Science, 2007, 106, 1585-1594.	2.6	97
18	Proton-conducting composite membranes of chitosan and sulfonated polysulfone for fuel cell application. International Journal of Hydrogen Energy, 2008, 33, 4138-4146.	7.1	94

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19	Preparation and performance of poly(vinyl alcohol)/polyethyleneimine blend membranes for the dehydration of 1,4-dioxane by pervaporation: Comparison with glutaraldehyde cross-linked membranes. Separation and Purification Technology, 2006, 48, 244-254.	7.9	89
20	Laccase-membrane reactors for decolorization of an acid azo dye in aqueous phase: Process optimization. Water Research, 2009, 43, 3647-3658.	11.3	89
21	Novel crosslinked chitosan/poly(vinylpyrrolidone) blend membranes for dehydrating tetrahydrofuran by the pervaporation technique. Journal of Membrane Science, 2006, 280, 45-53.	8.2	82
22	Membrane reactors for fuel cell quality hydrogen through WGSR – Review of their status, challenges and opportunities. International Journal of Hydrogen Energy, 2011, 36, 6671-6688.	7.1	77
23	Gas permeation properties of polyamide membrane prepared by interfacial polymerization. Journal of Materials Science, 2007, 42, 9392-9401.	3.7	73
24	Simulation studies for the separation of propylene and propane by ethylcellulose membrane IICT communication no: 4101.1. Journal of Membrane Science, 1999, 159, 209-219.	8.2	69
25	Modified poly(phenylene oxide) membranes for the separation of carbon dioxide from methane. Journal of Membrane Science, 2006, 280, 202-209.	8.2	65
26	Pervaporative Separation of Ethylene Glycol/Water Mixtures by Using Cross-linked Chitosan Membranes. Industrial & Engineering Chemistry Research, 2007, 46, 2155-2163.	3.7	64
27	Effective separation of methylene blue dye from aqueous solutions by integration of micellar enhanced ultrafiltration with vacuum membrane distillation. Chemical Engineering Journal, 2019, 375, 122015.	12.7	62
28	Metal-ion mediated separation of propylene from propane using PPO membranes. Journal of Membrane Science, 1998, 147, 131-139.	8.2	60
29	Pervaporation-Based Separation of Methanol/MTBE Mixtures – A Review. Separation and Purification Reviews, 2005, 34, 1-33.	5.5	60
30	Synthesis and characterization of poly(vinyl alcohol)-based membranes for direct methanol fuel cell. Journal of Applied Polymer Science, 2005, 95, 1154-1163.	2.6	59
31	Nanosilica and H-Mordenite incorporated Poly(ether-block-amide)-1657 membranes for gaseous separations. Microporous and Mesoporous Materials, 2014, 197, 291-298.	4.4	58
32	Removal of hazardous chlorinated VOCs from aqueous solutions using novel ZSM-5 loaded PDMS/PVDF composite membrane consisting of three hydrophobic layers. Journal of Hazardous Materials, 2013, 261, 362-371.	12.4	54
33	Dehydration of 1,4-dioxane through blend membranes of poly(vinyl alcohol) and chitosan by pervaporation. Journal of Membrane Science, 2006, 280, 138-147.	8.2	53
34	Reverse osmosis of edible vegetable oil industry effluent. Journal of Membrane Science, 2002, 205, 83-90.	8.2	51
35	Membrane-based microfiltration/electrodialysis hybrid process for the treatment of paper industry wastewater. Separation and Purification Technology, 2007, 57, 185-192.	7.9	51
36	Phosphorylated chitosan membranes for the separation of ethanol-water mixtures by pervaporation. Carbohydrate Polymers, 2012, 87, 1569-1574.	10.2	51

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37	Separation of Ethanol-Water Mixtures by Pervaporation Using Sodium Alginate/Poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	3.7	50
38	Surface modification of sulfonated polyethersulfone membrane with polyaniline nanoparticles for application in direct methanol fuel cell. Renewable Energy, 2020, 146, 1262-1277.	8.9	50
39	Pervaporation separation of dimethylformamide/water mixtures through poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	7.9	49
40	Permeation of Carbon Dioxide and Methane Gases through Novel Silver-Incorporated Thin Film Composite Pebax Membranes. Industrial & Engineering Chemistry Research, 2007, 46, 8144-8151.	3.7	47
41	Dehydration of 1,4-dioxane by pervaporation using modified blend membranes of chitosan and nylon 66. Carbohydrate Polymers, 2006, 66, 463-472.	10.2	46
42	Solvent resistant chitosan/poly(ether-block-amide) composite membranes for pervaporation of n-methyl-2-pyrrolidone/water mixtures. Carbohydrate Polymers, 2016, 136, 1170-1181.	10.2	46
43	Pervaporation separation of acetic acid/water mixtures through sodium alginate/polyaniline polyion complex membrane. Separation and Purification Technology, 2016, 170, 30-39.	7.9	42
44	Separation of binary mixtures of carbon dioxide and methane through sulfonated polycarbonate membranes. Journal of Applied Polymer Science, 2007, 105, 1749-1756.	2.6	41
45	Recovery of Monomethylhydrazine Liquid Propellant by Pervaporation Technique. Industrial & Engineering Chemistry Research, 2000, 39, 2485-2490.	3.7	40
46	Blend membranes of sodium alginate and hydroxyethylcellulose for pervaporation-based enrichment of t-butyl alcohol. Carbohydrate Polymers, 2006, 64, 425-432.	10.2	40
47	Separation of NMP/water mixtures by nanocomposite PEBA membrane: Part I. Membrane synthesis, characterization and pervaporation performance. Desalination, 2013, 330, 1-8.	8.2	40
48	Chitosan-polytetrafluoroethylene composite membranes for separation of methanol and toluene by pervaporation. Carbohydrate Polymers, 2018, 193, 28-38.	10.2	39
49	Pervaporation of isopropanol-water mixtures through polyion complex membranes. Separation and Purification Technology, 2005, 44, 130-138.	7.9	37
50	Concentration of xylose reaction liquor by nanofiltration for the production of xylitol sugar alcohol. Separation and Purification Technology, 2005, 44, 221-228.	7.9	36
51	Proton conducting composite membranes from polysulfone and heteropolyacid for fuel cell applications. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1538-1547.	2.1	36
52	A novel microbial fuel cell incorporated with polyvinylchloride/4A zeolite composite membrane for kitchen wastewater reclamation and power generation. Materials Chemistry and Physics, 2019, 224, 175-185.	4.0	36
53	Modeling and simulation for design and analysis of membrane-based separation processes. Computers and Chemical Engineering, 2021, 148, 107258.	3.8	36
54	Pervaporation separation of water-isopropanol mixtures using polymeric membranes: Modeling and simulation aspects. Journal of Applied Polymer Science, 2005, 95, 1143-1153.	2.6	35

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55	Economical treatment of reverse osmosis reject of textile industry effluent by electrodialysis“evaporation integrated process. Desalination, 2014, 333, 82-91.	8.2	34
56	Pervaporation performance of PPO membranes in dehydration of highly hazardous mmh and udmh liquid propellants. Journal of Hazardous Materials, 2015, 288, 69-79.	12.4	33
57	Pervaporation of water, hydrazine and monomethylhydrazine using ethylcellulose membranes. Polymer, 2000, 41, 2795-2806.	3.8	32
58	Computer simulation and comparative study on the pervaporation separation characteristics of sodium alginate and its blend membranes with poly(vinyl alcohol) to separate aqueous mixtures of 1,4-dioxane or tetrahydrofuran. Journal of Applied Polymer Science, 2004, 94, 1827-1840.	2.6	32
59	An improvised process of isolation, purification of steviosides from <i>Stevia rebaudiana</i> leaves and its biological activity. International Journal of Food Science and Technology, 2012, 47, 2554-2560.	2.7	31
60	Air separation by facilitated transport of oxygen through a Pebax membrane incorporated with a cobalt complex. RSC Advances, 2015, 5, 76190-76201.	3.6	30
61	Preparation of fatty acid methyl ester through temperature gradient driven pervaporation process. Chemical Engineering Journal, 2010, 162, 609-615.	12.7	28
62	Recovery of propylene from refinery off-gas using metal incorporated ethylcellulose membranes. Journal of Membrane Science, 2000, 174, 67-79.	8.2	26
63	Concentration of xylose reaction liquor by nanofiltration for the production of xylitol sugar alcohol. Separation and Purification Technology, 2005, 44, 205-211.	7.9	26
64	Separation studies of hydrazine from aqueous solutions by pervaporation. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 1969-1980.	2.1	25
65	Crosslinked chitosan membranes: characterization and study of dimethylhydrazine dehydration by pervaporation. Polymer International, 2001, 50, 1156-1161.	3.1	25
66	Performance assessment and hydrodynamic analysis of a submerged membrane bioreactor for treating dairy industrial effluent. Journal of Hazardous Materials, 2014, 274, 300-313.	12.4	25
67	Production of fructose sugar from aqueous solutions: nanofiltration performance and hydrodynamic analysis. Journal of Cleaner Production, 2015, 92, 44-53.	9.3	25
68	Pervaporation of ketazine aqueous layer in production of hydrazine hydrate by peroxide process. Chemical Engineering Journal, 2003, 94, 51-56.	12.7	24
69	Effect of PVP loading on pervaporation performance of poly(vinyl alcohol) membranes for THF/water mixtures. Journal of Materials Science, 2009, 44, 6280-6285.	3.7	24
70	Dehydration of tetrahydrofuran by pervaporation using crosslinked PVA/PEI blend membranes. Journal of Applied Polymer Science, 2006, 102, 1152-1161.	2.6	23
71	Recovery of hydrochloric acid and glycerol from aqueous solutions in chloralkali and chemical process industries by membrane distillation technique. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1249-1259.	5.3	23
72	Separation of Acetic Acid/Water Mixtures by Pervaporation through Poly(Vinyl Alcohol)“Sodium Alginate Blend Membranes. Separation Science and Technology, 2006, 41, 979-999.	2.5	21

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73	Nanofiltration of bulk drug industrial effluent using indigenously developed functionalized polyamide membrane. Chemical Engineering Journal, 2013, 233, 193-200.	12.7	20
74	Electrodialysis aided desalination of crude glycerol in the production of biodiesel from oil feed stock. Desalination, 2015, 362, 133-140.	8.2	20
75	Pervaporation of tertiary butanol/water mixtures through chitosan membranes cross-linked with toluylene diisocyanate. Journal of Chemical Technology and Biotechnology, 2005, 80, 1416-1424.	3.2	19
76	Effect of blending ratio on pervaporative separation of 1,4-dioxane/water mixtures through PVA-PEI membranes. Vacuum, 2006, 81, 299-306.	3.5	19
77	Synthesis, Characterization and Gas Permeability of an Activated Carbon-Loaded PEBAX 2533 Membrane. Designed Monomers and Polymers, 2008, 11, 17-27.	1.6	19
78	Development of an electrodialysis-distillation integrated process for separation of hazardous sodium azide to recover valuable DMSO solvent from pharmaceutical effluent. Separation and Purification Technology, 2013, 110, 20-30.	7.9	19
79	Processing of pharmaceutical effluent condensate by nanofiltration and reverse osmosis membrane techniques. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 50-56.	5.3	19
80	Separation of Binary Mixtures of Propylene and Propane by Facilitated Transport through Silver Incorporated Poly(Ether-Block-Amide) Membranes. Oil and Gas Science and Technology, 2015, 70, 381-390.	1.4	19
81	Extraction of volatile organic compounds from water and wastewater by vacuum-driven membrane process: A comprehensive review. Chemical Engineering Journal, 2022, 434, 134664.	12.7	19
82	Dehydration of 2-Butanol by Pervaporation Through Blend Membranes of Chitosan and Hydroxy Ethyl Cellulose. Separation Science and Technology, 2005, 40, 2889-2908.	2.5	18
83	Purification of surface water using novel hollow fiber membranes prepared from polyetherimide/polyethersulfone blends. Journal of Environmental Chemical Engineering, 2017, 5, 1068-1078.	6.7	18
84	Synthesis and characterization of Torlon-based polyion complex for direct methanol and polymer electrolyte membrane fuel cells. Journal of Materials Science, 2017, 52, 8052-8069.	3.7	18
85	Modification of used commercial reverse osmosis membranes to nanofiltration modules for the production of mineral-rich packaged drinking water. Applied Water Science, 2020, 10, 1.	5.6	18
86	Novel sodium alginate/polyethyleneimine polyion complex membranes for pervaporation dehydration at the azeotropic composition of various alcohols. Journal of Chemical Technology and Biotechnology, 2007, 82, 993-1003.	3.2	17
87	Separation of 2-butanol-water mixtures by pervaporation through PVA-NYL 66 blend membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 280, 95-102.	4.7	16
88	Forward-Osmosis-aided concentration of fructose sugar through hydrophilized polyamide membrane: Molecular modeling and economic estimation. Journal of Applied Polymer Science, 2017, 134, .	2.6	16
89	Modelling of pretreatment and saccharification with different feedstocks and kinetic modeling of sorghum saccharification. Bioresource Technology, 2016, 221, 550-559.	9.6	15
90	Thin film composite sodium alginate membranes for dehydration of acetic acid and isobutanol. Journal of Applied Polymer Science, 2014, 131, .	2.6	13

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91	Use of solid-phase extraction, reverse osmosis and vacuum distillation for recovery of aromatic sulfonic acids from aquatic environment followed by their determination using liquid chromatography-electrospray ionization tandem mass spectrometry. Journal of Chromatography A, 2006, 1113, 20-31.	3.7	12
92	Pervaporation separation of IPA–water mixtures through 4A zeolite–filled sodium alginate membranes. Journal of Applied Polymer Science, 2011, 121, 2717-2725.	2.6	12
93	Synthesis and Characterization of Polyion Complex Membranes Made of Aminated Polyetherimide and Sulfonated Polyethersulfone for Fuel Cell Applications. Journal of Fuel Cell Science and Technology, 2015, 12, .	0.8	12
94	Processing of composite industrial effluent by reverse osmosis. Journal of Chemical Technology and Biotechnology, 2003, 78, 1061-1067.	3.2	11
95	Pervaporation performance and Transport phenomenon of PVA blend membranes for the separation of THF/water azeotropic mixtures. Polymer Bulletin, 2007, 59, 289-298.	3.3	11
96	Performance of Composite Membranes of Poly(ether–block–amide) for Dehydration of Ethylene Glycol and Ethanol. Separation Science and Technology, 2010, 45, 322-330.	2.5	11
97	Selective Extraction of Lactic Acid from Aqueous Media through a Hydrophobic H-Beta Zeolite/PVDF Mixed Matrix Membrane Contactor. Industrial & Engineering Chemistry Research, 2014, 53, 17770-17781.	3.7	11
98	Performance evaluation of sodium alginate–Pebax polyion complex membranes for application in direct methanol fuel cells. Journal of Applied Polymer Science, 2017, 134, .	2.6	11
99	Optimization of feed and extractant concentration for the liquid–liquid extraction of volatile fatty acids from synthetic solution and landfill leachate. Journal of Industrial and Engineering Chemistry, 2020, 90, 190-202.	5.8	11
100	Potential of extraction of Steviol glycosides using cellulose acetate phthalate (CAP) – polyacrylonitrile (PAN) blend hollow fiber membranes. Journal of Food Science and Technology, 2015, 52, 7081-7091.	2.8	10
101	Processing of biscuit industrial effluent using thin film composite nanofiltration membranes. Designed Monomers and Polymers, 2016, 19, 47-55.	1.6	10
102	Pervaporation separation of chlorinated environmental pollutants from aqueous solutions by castor oil based composite interpenetrating network membranes. Chemical Engineering Journal, 2020, 387, 124050.	12.7	10
103	Forward osmosis aided concentration of lycopene carotenoid from watermelon juice. Journal of Chemical Technology and Biotechnology, 2021, 96, 1960-1973.	3.2	10
104	Development of hydrogen selective microporous PVDF membrane. International Journal of Hydrogen Energy, 2020, 45, 16965-16975.	7.1	9
105	Design of an integrated membrane bioreactor process for effective and environmentally safe treatment of highly complex coffee industrial effluent. Journal of Water Process Engineering, 2020, 37, 101436.	5.6	9
106	Effect of Multi-walled Carbon Nanotubes on Pervaporation Characteristics of Chitosan Membrane. Designed Monomers and Polymers, 2010, 13, 287-299.	1.6	8
107	Microbial Fuel Cell–Aided Processing of Kitchen Wastewater Using High-Performance Nanocomposite Membrane. Journal of Environmental Engineering, ASCE, 2020, 146, .	1.4	8
108	Enrichment of hydrazine from aqueous solutions by vacuum membrane distillation through microporous polystyrene membranes of enhanced hydrophobicity. Separation and Purification Technology, 2018, 203, 159-167.	7.9	7

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109	Antifouling membrane based on sodium alginate coated polyamide thin film composite for desalination of brackish water. Polymer Engineering and Science, 2020, 60, 2827-2840.	3.1	7
110	Development of a <sc>UV</sc> coupled indigenous hydrophilized polyamide membrane system for enhanced shelf life of mature coconut water. Journal of Food Process Engineering, 2021, 44, e13636.	2.9	6
111	Residual solvent induced physical morphology and gas permeation in polyamide-imide membrane: Experimental investigation and molecular simulations. European Polymer Journal, 2022, 165, 111012.	5.4	6
112	Performance of chemically resistant polyurea reverse osmosis membrane in the treatment of highly alkaline industrial wastewater containing sodium aluminate. Water Science and Technology, 2020, 82, 2259-2270.	2.5	5
113	Evaluation of ethanol fermentation efficiency of sweet sorghum syrups produced by integrated dual-membrane system. Bioprocess and Biosystems Engineering, 2020, 43, 1185-1194.	3.4	5
114	TiO ₂ nanoparticles incorporated high-performance polyphenyl sulfone mixed matrix membranes for ultrafiltration of domestic greywater. Iranian Polymer Journal (English Edition), 2021, 30, 917-934.	2.4	4
115	Performance assessment of a side-stream membrane bioreactor for the treatment of kitchen wastewater. Biochemical Engineering Journal, 2022, 180, 108366.	3.6	4
116	Development of polyethersulfone and polyacrylonitrile hollow fiber membranes for clarification of surface water and fungal enzyme broth. Water Science and Technology: Water Supply, 2013, 13, 44-55.	2.1	3
117	Extraction of Tetrahydrofuran and Ethylene Dichloride Solvents from Aqueous Solutions by Pervaporation through Thin Film Composite PDMS Membranes. Separation Science and Technology, 2013, 48, 706-715.	2.5	3
118	Sulfonated Polyethersulfone/Torlon Blend Membrane Incorporated with Multiwalled Carbon Nanotubes for Energy Production from Kitchen Wastewater Using Microbial Fuel Cell. , 2017, , 163-167.		3
119	An integrated approach of membrane and resin for processing highly toxic and corrosive tetramethylammonium hydroxide alkali to ultrahigh purity. Journal of Environmental Chemical Engineering, 2021, 9, 106125.	6.7	3
120	Nitrate removal studies on polyurea membrane using nanofiltration system“ membrane characterization and model development. Chemical Product and Process Modeling, 2020, .	0.9	3
121	Recovery of Hydrazine and Glycerol from Aqueous Solutions by Membrane Separation Techniques. Separation Science and Technology, 2011, 46, 2418-2426.	2.5	2
122	Processing of surface and ground water by hydrostatic pressure-driven membrane techniques: design and economic aspects. Desalination and Water Treatment, 2013, 51, 5873-5885.	1.0	2
123	Molecular Dynamics Simulation for Prediction of Structure-Property Relationships of Pervaporation Membranes. , 2018, , 211-225.		2
124	Membrane contactor aided catalyst recycle and organic acid recovery from aqueous solutions using porous hydrophobic polyvinylidene fluoride barriers. Journal of Cleaner Production, 2018, 199, 923-936.	9.3	2
125	Separation of Anisole and Valuable Byproducts from Liquid Reaction Mixtures by Solvent Extraction and Multicomponent Distillation. Journal of Solution Chemistry, 2021, 50, 160-177.	1.2	2
126	Water Competitive Diffusion. , 2016, , 1973-1983.		2

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127	Experimental and modeling investigation of ultrafine polyvinylidene fluoride hollow fiber membrane module for recovery of lactic acid from aqueous solutions. Polymer Engineering and Science, 0, ,	3.1	2
128	Hydrophilized Ultrafiltration Membranes Synthesized from Acrylic Acid Grafted Polyethersulfone for Downstream Processing of Therapeutic Insulin and Cobalamin. Applied Biochemistry and Biotechnology, 2022, 194, 3400-3418.	2.9	2
129	New frontiers in chemical energy and environmental engineering. Environmental Science and Pollution Research, 2016, 23, 20053-20054.	5.3	1
130	Dewatering of Diethylene Glycol and Lactic Acid Solvents by Membrane Distillation Technique. , 2018, , 357-374.		1
131	Vapor Permeation: Fundamentals, Principles and Applications. , 2018, , 227-255.		1
132	Ultrafiltration membrane assisted cost effective ionizer for production of therapeutic alkaline ionized water. Journal of Water Process Engineering, 2019, 32, 100951.	5.6	1
133	Synthesis and Characterization of Indigenous Hydrophilized Polyvinylidene Fluoride Membrane for Drinking Water Purification: Experimentsal Study and Modeling Aspects. Chemistry and Chemical Technology, 2020, 14, 239-250.	1.1	1
134	Energy Efficient Power Generation and Water Management Through Membrane Technology. , 2017, , 123-132.		0
135	Development of Sulfonated Polyethersulfone/Matrimid Acid-Base Blend Membrane for Energy Production Through Fuel Cells. , 2017, , 169-172.		0
136	Vapor Permeation: Theory and Modelling Perspectives. , 2018, , 283-304.		0
137	Water Competitive Diffusion. , 2015, , 1-11.		0
138	Membranes for Solvent Dewatering. , 2015, , 1-8.		0
139	Water Sorption and Diffusion. , 2016, , 2002-2010.		0