

S Sridhar

List of Publications by Year in descending order

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139
papers

7,693
citations

66234

42
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53109

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149
all docs

149
docs citations

149
times ranked

7077
citing authors

#	ARTICLE	IF	CITATIONS
1	Residual solvent induced physical morphology and gas permeation in polyamide-imide membrane: Experimental investigation and molecular simulations. <i>European Polymer Journal</i> , 2022, 165, 111012.	2.6	6
2	Extraction of volatile organic compounds from water and wastewater by vacuum-driven membrane process: A comprehensive review. <i>Chemical Engineering Journal</i> , 2022, 434, 134664.	6.6	19
3	Performance assessment of a side-stream membrane bioreactor for the treatment of kitchen wastewater. <i>Biochemical Engineering Journal</i> , 2022, 180, 108366.	1.8	4
4	Hydrophilized Ultrafiltration Membranes Synthesized from Acrylic Acid Grafted Polyethersulfone for Downstream Processing of Therapeutic Insulin and Cobalamin. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3400-3418.	1.4	2
5	Separation of Anisole and Valuable Byproducts from Liquid Reaction Mixtures by Solvent Extraction and Multicomponent Distillation. <i>Journal of Solution Chemistry</i> , 2021, 50, 160-177.	0.6	2
6	Forward osmosis aided concentration of lycopene carotenoid from watermelon juice. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1960-1973.	1.6	10
7	Modeling and simulation for design and analysis of membrane-based separation processes. <i>Computers and Chemical Engineering</i> , 2021, 148, 107258.	2.0	36
8	TiO ₂ Nanoparticles incorporated high-performance polyphenyl sulfone mixed matrix membranes for ultrafiltration of domestic greywater. <i>Iranian Polymer Journal (English Edition)</i> , 2021, 30, 917-934.	1.3	4
9	An integrated approach of membrane and resin for processing highly toxic and corrosive tetramethylammonium hydroxide alkali to ultrahigh purity. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106125.	3.3	3
10	Development of a UV coupled indigenous hydrophilized polyamide membrane system for enhanced shelf life of mature coconut water. <i>Journal of Food Process Engineering</i> , 2021, 44, e13636.	1.5	6
11	Surface modification of sulfonated polyethersulfone membrane with polyaniline nanoparticles for application in direct methanol fuel cell. <i>Renewable Energy</i> , 2020, 146, 1262-1277.	4.3	50
12	Development of hydrogen selective microporous PVDF membrane. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 16965-16975.	3.8	9
13	Pervaporation separation of chlorinated environmental pollutants from aqueous solutions by castor oil based composite interpenetrating network membranes. <i>Chemical Engineering Journal</i> , 2020, 387, 124050.	6.6	10
14	Antifouling membrane based on sodium alginate coated polyamide thin film composite for desalination of brackish water. <i>Polymer Engineering and Science</i> , 2020, 60, 2827-2840.	1.5	7
15	Optimization of feed and extractant concentration for the liquid-liquid extraction of volatile fatty acids from synthetic solution and landfill leachate. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 90, 190-202.	2.9	11
16	Performance of chemically resistant polyurea reverse osmosis membrane in the treatment of highly alkaline industrial wastewater containing sodium aluminate. <i>Water Science and Technology</i> , 2020, 82, 2259-2270.	1.2	5
17	Modification of used commercial reverse osmosis membranes to nanofiltration modules for the production of mineral-rich packaged drinking water. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	18
18	Microbial Fuel Cell Aided Processing of Kitchen Wastewater Using High-Performance Nanocomposite Membrane. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	0.7	8

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19	Evaluation of ethanol fermentation efficiency of sweet sorghum syrups produced by integrated dual-membrane system. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1185-1194.	1.7	5
20	Design of an integrated membrane bioreactor process for effective and environmentally safe treatment of highly complex coffee industrial effluent. <i>Journal of Water Process Engineering</i> , 2020, 37, 101436.	2.6	9
21	Synthesis and Characterization of Indigenous Hydrophilized Polyvinylidene Fluoride Membrane for Drinking Water Purification: Experimentsal Study and Modeling Aspects. <i>Chemistry and Chemical Technology</i> , 2020, 14, 239-250.	0.2	1
22	Nitrate removal studies on polyurea membrane using nanofiltration system“ membrane characterization and model development. <i>Chemical Product and Process Modeling</i> , 2020, .	0.5	3
23	Ultrafiltration membrane assisted cost effective ionizer for production of therapeutic alkaline ionized water. <i>Journal of Water Process Engineering</i> , 2019, 32, 100951.	2.6	1
24	Effective separation of methylene blue dye from aqueous solutions by integration of micellar enhanced ultrafiltration with vacuum membrane distillation. <i>Chemical Engineering Journal</i> , 2019, 375, 122015.	6.6	62
25	A novel microbial fuel cell incorporated with polyvinylchloride/4A zeolite composite membrane for kitchen wastewater reclamation and power generation. <i>Materials Chemistry and Physics</i> , 2019, 224, 175-185.	2.0	36
26	Enrichment of hydrazine from aqueous solutions by vacuum membrane distillation through microporous polystyrene membranes of enhanced hydrophobicity. <i>Separation and Purification Technology</i> , 2018, 203, 159-167.	3.9	7
27	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. <i>Bioresource Technology</i> , 2018, 251, 364-373.	4.8	101
28	Chitosan-polytetrafluoroethylene composite membranes for separation of methanol and toluene by pervaporation. <i>Carbohydrate Polymers</i> , 2018, 193, 28-38.	5.1	39
29	Recent advances on sources and industrial applications of lipases. <i>Biotechnology Progress</i> , 2018, 34, 5-28.	1.3	249
30	Molecular Dynamics Simulation for Prediction of Structure-Property Relationships of Pervaporation Membranes. , 2018, , 211-225.		2
31	Vapor Permeation: Theory and Modelling Perspectives. , 2018, , 283-304.		0
32	Dewatering of Diethylene Glycol and Lactic Acid Solvents by Membrane Distillation Technique. , 2018, , 357-374.		1
33	Vapor Permeation: Fundamentals, Principles and Applications. , 2018, , 227-255.		1
34	Membrane contactor aided catalyst recycle and organic acid recovery from aqueous solutions using porous hydrophobic polyvinylidene fluoride barriers. <i>Journal of Cleaner Production</i> , 2018, 199, 923-936.	4.6	2
35	Purification of surface water using novel hollow fiber membranes prepared from polyetherimide/polyethersulfone blends. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1068-1078.	3.3	18
36	Forward“osmosis“aided concentration of fructose sugar through hydrophilized polyamide membrane: Molecular modeling and economic estimation. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	16

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37	Synthesis and characterization of Torlon-based polyion complex for direct methanol and polymer electrolyte membrane fuel cells. <i>Journal of Materials Science</i> , 2017, 52, 8052-8069.	1.7	18
38	Energy Efficient Power Generation and Water Management Through Membrane Technology. , 2017, , 123-132.		0
39	Sulfonated Polyethersulfone/Torlon Blend Membrane Incorporated with Multiwalled Carbon Nanotubes for Energy Production from Kitchen Wastewater Using Microbial Fuel Cell. , 2017, , 163-167.		3
40	Development of Sulfonated Polyethersulfone/Matrimid Acid-Base Blend Membrane for Energy Production Through Fuel Cells. , 2017, , 169-172.		0
41	Performance evaluation of sodium alginateâ€Pebax polyion complex membranes for application in direct methanol fuel cells. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	11
42	Modelling of pretreatment and saccharification with different feedstocks and kinetic modeling of sorghum saccharification. <i>Bioresource Technology</i> , 2016, 221, 550-559.	4.8	15
43	New frontiers in chemical energy and environmental engineering. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20053-20054.	2.7	1
44	Pervaporation separation of acetic acid/water mixtures through sodium alginate/polyaniline polyion complex membrane. <i>Separation and Purification Technology</i> , 2016, 170, 30-39.	3.9	42
45	Solvent resistant chitosan/poly(ether-block-amide) composite membranes for pervaporation of n-methyl-2-pyrrolidone/water mixtures. <i>Carbohydrate Polymers</i> , 2016, 136, 1170-1181.	5.1	46
46	Processing of biscuit industrial effluent using thin film composite nanofiltration membranes. <i>Designed Monomers and Polymers</i> , 2016, 19, 47-55.	0.7	10
47	Water Sorption and Diffusion. , 2016, , 2002-2010.		0
48	Water Competitive Diffusion. , 2016, , 1973-1983.		2
49	Separation of Binary Mixtures of Propylene and Propane by Facilitated Transport through Silver Incorporated Poly(Ether-Block-Amide) Membranes. <i>Oil and Gas Science and Technology</i> , 2015, 70, 381-390.	1.4	19
50	Synthesis and Characterization of Polyion Complex Membranes Made of Aminated Polyetherimide and Sulfonated Polyethersulfone for Fuel Cell Applications. <i>Journal of Fuel Cell Science and Technology</i> , 2015, 12, .	0.8	12
51	Electrodialysis aided desalination of crude glycerol in the production of biodiesel from oil feed stock. <i>Desalination</i> , 2015, 362, 133-140.	4.0	20
52	Pervaporation performance of PPO membranes in dehydration of highly hazardous mmh and udmh liquid propellants. <i>Journal of Hazardous Materials</i> , 2015, 288, 69-79.	6.5	33
53	Production of fructose sugar from aqueous solutions: nanofiltration performance and hydrodynamic analysis. <i>Journal of Cleaner Production</i> , 2015, 92, 44-53.	4.6	25
54	Potential of extraction of Steviol glycosides using cellulose acetate phthalate (CAP) â€polyacrylonitrile (PAN) blend hollow fiber membranes. <i>Journal of Food Science and Technology</i> , 2015, 52, 7081-7091.	1.4	10

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55	Air separation by facilitated transport of oxygen through a Pebax membrane incorporated with a cobalt complex. RSC Advances, 2015, 5, 76190-76201.	1.7	30
56	Water Competitive Diffusion. , 2015, , 1-11.		0
57	Membranes for Solvent Dewatering. , 2015, , 1-8.		0
58	Performance assessment and hydrodynamic analysis of a submerged membrane bioreactor for treating dairy industrial effluent. Journal of Hazardous Materials, 2014, 274, 300-313.	6.5	25
59	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.	2.7	23
60	Economical treatment of reverse osmosis reject of textile industry effluent by electro dialysis+evaporation integrated process. Desalination, 2014, 333, 82-91.	4.0	34
61	Mixed matrix membranes of Pebax-1657 loaded with 4A zeolite for gaseous separations. Separation and Purification Technology, 2014, 129, 1-8.	3.9	250
62	Thin film composite sodium alginate membranes for dehydration of acetic acid and isobutanol. Journal of Applied Polymer Science, 2014, 131, .	1.3	13
63	Processing of pharmaceutical effluent condensate by nanofiltration and reverse osmosis membrane techniques. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 50-56.	2.7	19
64	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.	1.8	11
65	Nanosilica and H-Mordenite incorporated Poly(ether-block-amide)-1657 membranes for gaseous separations. Microporous and Mesoporous Materials, 2014, 197, 291-298.	2.2	58
66	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.	6.5	54
67	Nanofiltration of bulk drug industrial effluent using indigenously developed functionalized polyamide membrane. Chemical Engineering Journal, 2013, 233, 193-200.	6.6	20
68	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
69	Separation of NMP/water mixtures by nanocomposite PEBA membrane: Part I. Membrane synthesis, characterization and pervaporation performance. Desalination, 2013, 330, 1-8.	4.0	40
70	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.	1.0	3
71	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.	1.3	3
72	Air Separation by Polymer-based Membrane Technology. Separation and Purification Reviews, 2013, 42, 130-186.	2.8	123

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73	Development of an electrodialysisâ€”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.	3.9	19
74	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.	1.3	31
75	Phosphorylated chitosan membranes for the separation of ethanolâ€”water mixtures by pervaporation. Carbohydrate Polymers, 2012, 87, 1569-1574.	5.1	51
76	Recovery of Hydrazine and Glycerol from Aqueous Solutions by Membrane Separation Techniques. Separation Science and Technology, 2011, 46, 2418-2426.	1.3	2
77	Pervaporation separation of IPAâ€”water mixtures through 4A zeoliteâ€”filled sodium alginate membranes. Journal of Applied Polymer Science, 2011, 121, 2717-2725.	1.3	12
78	Membrane reactors for fuel cell quality hydrogen through WGSR â€” Review of their status, challenges and opportunities. International Journal of Hydrogen Energy, 2011, 36, 6671-6688.	3.8	77
79	Preparation of fatty acid methyl ester through temperature gradient driven pervaporation process. Chemical Engineering Journal, 2010, 162, 609-615.	6.6	28
80	Gas Permeation Behavior of Pebax-1657 Nanocomposite Membrane Incorporated with Multiwalled Carbon Nanotubes. Industrial & Engineering Chemistry Research, 2010, 49, 6530-6538.	1.8	245
81	Effect of Multi-walled Carbon Nanotubes on Pervaporation Characteristics of Chitosan Membrane. Designed Monomers and Polymers, 2010, 13, 287-299.	0.7	8
82	Performance of Composite Membranes of Poly(etherâ€”blockâ€”amide) for Dehydration of Ethylene Glycol and Ethanol. Separation Science and Technology, 2010, 45, 322-330.	1.3	11
83	Effect of PVP loading on pervaporation performance of poly(vinyl alcohol) membranes for THF/water mixtures. Journal of Materials Science, 2009, 44, 6280-6285.	1.7	24
84	Laccase-membrane reactors for decolorization of an acid azo dye in aqueous phase: Process optimization. Water Research, 2009, 43, 3647-3658.	5.3	89
85	Pervaporation separation of ethanolâ€”water mixtures through sodium alginate membranes. Desalination, 2008, 229, 68-81.	4.0	98
86	Proton-conducting composite membranes of chitosan and sulfonated polysulfone for fuel cell application. International Journal of Hydrogen Energy, 2008, 33, 4138-4146.	3.8	94
87	Synthesis, Characterization and Gas Permeability of an Activated Carbon-Loaded PEBAX 2533 Membrane. Designed Monomers and Polymers, 2008, 11, 17-27.	0.7	19
88	Separation of Carbon Dioxide from Natural Gas Mixtures through Polymeric Membranesâ€”A Review. Separation and Purification Reviews, 2007, 36, 113-174.	2.8	251
89	Permeation of Carbon Dioxide and Methane Gases through Novel Silver-Incorporated Thin Film Composite Pebax Membranes. Industrial & Engineering Chemistry Research, 2007, 46, 8144-8151.	1.8	47
90	Pervaporative Separation of Ethylene Glycol/Water Mixtures by Using Cross-linked Chitosan Membranes. Industrial & Engineering Chemistry Research, 2007, 46, 2155-2163.	1.8	64

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91	Separation of binary mixtures of carbon dioxide and methane through sulfonated polycarbonate membranes. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1749-1756.	1.3	41
92	Matrimid polyimide membranes for the separation of carbon dioxide from methane. <i>Journal of Applied Polymer Science</i> , 2007, 106, 1585-1594.	1.3	97
93	Novel sodium alginate/polyethyleneimine polyion complex membranes for pervaporation dehydration at the azeotropic composition of various alcohols. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 82, 993-1003.	1.6	17
94	Development of crosslinked poly(ether-block-amide) membrane for CO ₂ /CH ₄ separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 297, 267-274.	2.3	144
95	Membrane-based microfiltration/electrodialysis hybrid process for the treatment of paper industry wastewater. <i>Separation and Purification Technology</i> , 2007, 57, 185-192.	3.9	51
96	Pervaporation performance and Transport phenomenon of PVA blend membranes for the separation of THF/water azeotropic mixtures. <i>Polymer Bulletin</i> , 2007, 59, 289-298.	1.7	11
97	Gas permeation properties of polyamide membrane prepared by interfacial polymerization. <i>Journal of Materials Science</i> , 2007, 42, 9392-9401.	1.7	73
98	Separation of Ethanol/Water Mixtures by Pervaporation Using Sodium Alginate/Poly(vinyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T Chemistry Research, 2006, 45, 9088-9095.	1.8	50
99	Separation of Acetic Acid/Water Mixtures by Pervaporation through Poly(Vinyl Alcohol) Sodium Alginate Blend Membranes. <i>Separation Science and Technology</i> , 2006, 41, 979-999.	1.3	21
100	Blend membranes of sodium alginate and hydroxyethylcellulose for pervaporation-based enrichment of t-butyl alcohol. <i>Carbohydrate Polymers</i> , 2006, 64, 425-432.	5.1	40
101	Dehydration of 1,4-dioxane by pervaporation using modified blend membranes of chitosan and nylon 66. <i>Carbohydrate Polymers</i> , 2006, 66, 463-472.	5.1	46
102	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. <i>Journal of Chromatography A</i> , 2006, 1113, 20-31.	1.8	12
103	Separation of 2-butanol/water mixtures by pervaporation through PVA/NYL 66 blend membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 280, 95-102.	2.3	16
104	Novel crosslinked chitosan/poly(vinylpyrrolidone) blend membranes for dehydrating tetrahydrofuran by the pervaporation technique. <i>Journal of Membrane Science</i> , 2006, 280, 45-53.	4.1	82
105	Chitosan/poly(vinyl pyrrolidone) blends as membranes for direct methanol fuel cell applications. <i>Journal of Power Sources</i> , 2006, 159, 846-854.	4.0	127
106	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. <i>Separation and Purification Technology</i> , 2006, 48, 244-254.	3.9	89
107	Pervaporation separation of dimethylformamide/water mixtures through poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 T	3.9	49
108	Dehydration of 1,4-dioxane through blend membranes of poly(vinyl alcohol) and chitosan by pervaporation. <i>Journal of Membrane Science</i> , 2006, 280, 138-147.	4.1	53

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109	Modified poly(phenylene oxide) membranes for the separation of carbon dioxide from methane. <i>Journal of Membrane Science</i> , 2006, 280, 202-209.	4.1	65
110	Effect of blending ratio on pervaporative separation of 1,4-dioxane/water mixtures through PVA/PEI membranes. <i>Vacuum</i> , 2006, 81, 299-306.	1.6	19
111	Dehydration of tetrahydrofuran by pervaporation using crosslinked PVA/PEI blend membranes. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1152-1161.	1.3	23
112	Chitosan/sodium alginate polyion complexes as fuel cell membranes. <i>European Polymer Journal</i> , 2005, 41, 1859-1866.	2.6	284
113	Pervaporation of isopropanol/water mixtures through polyion complex membranes. <i>Separation and Purification Technology</i> , 2005, 44, 130-138.	3.9	37
114	Concentration of xylose reaction liquor by nanofiltration for the production of xylitol sugar alcohol. <i>Separation and Purification Technology</i> , 2005, 44, 205-211.	3.9	26
115	Concentration of xylose reaction liquor by nanofiltration for the production of xylitol sugar alcohol. <i>Separation and Purification Technology</i> , 2005, 44, 221-228.	3.9	36
116	Synthesis and characterization of poly(vinyl alcohol)-based membranes for direct methanol fuel cell. <i>Journal of Applied Polymer Science</i> , 2005, 95, 1154-1163.	1.3	59
117	Pervaporation separation of water-isopropanol mixtures using polymeric membranes: Modeling and simulation aspects. <i>Journal of Applied Polymer Science</i> , 2005, 95, 1143-1153.	1.3	35
118	Pervaporation of tertiary butanol/water mixtures through chitosan membranes cross-linked with toluylene diisocyanate. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 1416-1424.	1.6	19
119	Solid polymer electrolyte membranes for fuel cell applications—a review. <i>Journal of Membrane Science</i> , 2005, 259, 10-26.	4.1	1,080
120	Pervaporation separation of isopropanol/water mixtures through crosslinked chitosan membranes. <i>Journal of Membrane Science</i> , 2005, 262, 91-99.	4.1	193
121	Proton conducting composite membranes from polysulfone and heteropolyacid for fuel cell applications. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1538-1547.	2.4	36
122	Pervaporation-Based Separation of Methanol/MTBE Mixtures—A Review. <i>Separation and Purification Reviews</i> , 2005, 34, 1-33.	2.8	60
123	Dehydration of 2-Butanol by Pervaporation Through Blend Membranes of Chitosan and Hydroxy Ethyl Cellulose. <i>Separation Science and Technology</i> , 2005, 40, 2889-2908.	1.3	18
124	Dehydration of ethanol through blend membranes of chitosan and sodium alginate by pervaporation. <i>Separation and Purification Technology</i> , 2004, 40, 259-266.	3.9	183
125	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. <i>Journal of Applied Polymer Science</i> , 2004, 94, 1827-1840.	1.3	32
126	Separation of organic/organic mixtures by pervaporation—a review*1. <i>Journal of Membrane Science</i> , 2004, 241, 1-21.	4.1	617

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127	Polyelectrolyte Complexes of Chitosan and Poly(acrylic acid) As Proton Exchange Membranes for Fuel Cells. <i>Macromolecules</i> , 2004, 37, 2233-2239.	2.2	346
128	Processing of composite industrial effluent by reverse osmosis. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 1061-1067.	1.6	11
129	Synthesis and characterization of proton conducting polymer membranes for fuel cells. <i>Journal of Membrane Science</i> , 2003, 225, 63-76.	4.1	227
130	Pervaporation of ketazine aqueous layer in production of hydrazine hydrate by peroxide process. <i>Chemical Engineering Journal</i> , 2003, 94, 51-56.	6.6	24
131	Reverse osmosis of edible vegetable oil industry effluent. <i>Journal of Membrane Science</i> , 2002, 205, 83-90.	4.1	51
132	Crosslinked chitosan membranes: characterization and study of dimethylhydrazine dehydration by pervaporation. <i>Polymer International</i> , 2001, 50, 1156-1161.	1.6	25
133	Pervaporation of water, hydrazine and monomethylhydrazine using ethylcellulose membranes. <i>Polymer</i> , 2000, 41, 2795-2806.	1.8	32
134	Recovery of propylene from refinery off-gas using metal incorporated ethylcellulose membranes. <i>Journal of Membrane Science</i> , 2000, 174, 67-79.	4.1	26
135	Recovery of Monomethylhydrazine Liquid Propellant by Pervaporation Technique. <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 2485-2490.	1.8	40
136	Simulation studies for the separation of propylene and propane by ethylcellulose membrane. IICT communication no: 4101.1. <i>Journal of Membrane Science</i> , 1999, 159, 209-219.	4.1	69
137	Separation studies of hydrazine from aqueous solutions by pervaporation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 1969-1980.	2.4	25
138	Metal-ion mediated separation of propylene from propane using PPO membranes. <i>Journal of Membrane Science</i> , 1998, 147, 131-139.	4.1	60
139	Experimental and modeling investigation of ultrafine polyvinylidene fluoride hollow fiber membrane module for recovery of lactic acid from aqueous solutions. <i>Polymer Engineering and Science</i> , 0, , .	1.5	2