

# Yong-Jian Tang

## List of Publications by Year in descending order

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131  
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	2D nanosheets optimized electrospray-assisted interfacial polymerization polyamide membrane with excellent separation performance. <i>Journal of Membrane Science</i> , 2022, 647, 120308.	4.1	11
2	Effects of locations of cellulose nanofibers in membrane on the performance of positively charged membranes. <i>Journal of Membrane Science</i> , 2022, 652, 120464.	4.1	12
3	MoS <sub>2</sub> @PDA thin-film nanocomposite nanofiltration membrane for simultaneously improved permeability and selectivity. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107697.	3.3	15
4	Novel Insight on the Effect of the Monomer Concentration on the Polypiperazine-Amide Nanofiltration Membrane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 5843-5852.	1.8	17
5	How Does Alkali Etching Work on the Polyamide Membrane to Obtain an <i>m</i> -Phenylenediamine-Based NF Membrane?. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 5536-5546.	1.8	8
6	A PEI/TMC membrane modified with an ionic liquid with enhanced permeability and antibacterial properties for the removal of heavy metal ions. <i>Journal of Hazardous Materials</i> , 2022, 435, 129010.	6.5	33
7	Can the NF membrane directly obtained by the interfacial polymerization of MPD and TMC?. <i>Journal of Membrane Science</i> , 2022, 656, 120618.	4.1	12
8	Thin-Film Composite Nanofiltration Membrane Modified by Fulvic Acid to Enhance Permeability and Antifouling Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 8993-9003.	1.8	15
9	High efficient reduction of 4-nitrophenol and dye by filtration through Ag NPs coated PAN-Si catalytic membrane. <i>Chemosphere</i> , 2021, 263, 127995.	4.2	11
10	High-Flux Fine Hollow Fiber Nanofiltration Membranes for the Purification of Drinking Water. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 1817-1828.	1.8	10
11	Coupling heat curing and surface modification for the fabrication of high permselectivity polyamide nanofiltration membranes. <i>Journal of Membrane Science</i> , 2021, 623, 119073.	4.1	40
12	Numerical simulation of atomic layer deposition for thin deposit formation in a mesoporous substrate. <i>AIChE Journal</i> , 2021, 67, e17305.	1.8	9
13	Thin-film nanocomposite NF membrane with GO on macroporous hollow fiber ceramic substrate for efficient heavy metals removal. <i>Environmental Research</i> , 2021, 197, 111040.	3.7	38
14	Photocatalytic self-cleaning properties of <i>m</i> -phenylene isophthalamide membranes enhanced by immobilization of GO-ZnO-Ag for dye wastewater disposal. <i>High Performance Polymers</i> , 2021, 33, 1205-1219.	0.8	3
15	Enhancing nanofiltration performance for antibiotics/NaCl separation via water activation before microwave heating. <i>Journal of Membrane Science</i> , 2021, 629, 119285.	4.1	23
16	Thin-Film Composite Membrane Prepared by Interfacial Polymerization on the Integrated ZIF-L Nanosheets Interface for Pervaporation Dehydration. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 39819-39830.	4.0	19
17	Designing of a novel polyvinylidene fluoride/TiO <sub>2</sub> /UiO-66-NH <sub>2</sub> membrane with photocatalytic antifouling properties using modified zirconium-based metal-organic framework. <i>Water Science and Technology</i> , 2021, 84, 2380-2393.	1.2	1
18	Polyamide Nanofiltration Membranes with Enhanced Desalination and Antifouling Performance Enabled by Surface Grafting Polyquaternium-7. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 14297-14306.	1.8	12

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19	Dually charged polyamide nanofiltration membranes fabricated by microwave-assisted grafting for heavy metals removal. <i>Journal of Membrane Science</i> , 2021, 640, 119834.	4.1	34
20	How to understand the effects of heat curing conditions on the morphology and performance of polypiperazine-amide NF membrane. <i>Journal of Membrane Science</i> , 2020, 597, 117640.	4.1	44
21	Microwave heating assistant preparation of high permselectivity polypiperazine-amide nanofiltration membrane during the interfacial polymerization process with low monomer concentration. <i>Journal of Membrane Science</i> , 2020, 596, 117718.	4.1	55
22	Polyamide Membranes with Net-Like Nanostructures Induced by Different Charged MOFs for Elevated Nanofiltration. <i>ACS Applied Polymer Materials</i> , 2020, 2, 585-593.	2.0	38
23	High-Performance Zwitterionic Nanofiltration Membranes Fabricated via Microwave-Assisted Grafting of Betaine. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35523-35531.	4.0	23
24	In-situ synthetic modified metal-organic framework (MZIF-8) as an interlayer of the composite membranes for ethanol dehydration. <i>Journal of Membrane Science</i> , 2020, 601, 117916.	4.1	29
25	Fe <sub>3</sub> O <sub>4</sub> /PVDF catalytic membrane treatment organic wastewater with simultaneously improved permeability, catalytic property and anti-fouling. <i>Environmental Research</i> , 2020, 187, 109617.	3.7	34
26	Novel high-flux positively charged composite membrane incorporating titanium-based MOFs for heavy metal removal. <i>Chemical Engineering Journal</i> , 2020, 398, 125706.	6.6	86
27	Three-channel capillary nanofiltration membrane with quaternary ammonium incorporated for efficient heavy metals removal. <i>Separation and Purification Technology</i> , 2020, 248, 117133.	3.9	43
28	Au@Pt Nanotubes within CoZn-Based Metal-Organic Framework for Highly Efficient Semi-hydrogenation of Acetylene. <i>IScience</i> , 2020, 23, 101233.	1.9	12
29	High efficient dye removal with hydrolyzed ethanolamine-Polyacrylonitrile UF membrane: Rejection of anionic dye and selective adsorption of cationic dye. <i>Chemosphere</i> , 2020, 259, 127390.	4.2	82
30	Nanostructured Graphene Oxide Composite Membranes with Ultrapermselectivity and Mechanical Robustness. <i>Nano Letters</i> , 2020, 20, 2209-2218.	4.5	41
31	Superior nanofiltration membranes with gradient cross-linked selective layer fabricated via controlled hydrolysis. <i>Journal of Membrane Science</i> , 2020, 604, 118067.	4.1	58
32	Polyethyleneimine modified carbohydrate doped thin film composite nanofiltration membrane for purification of drinking water. <i>Journal of Membrane Science</i> , 2020, 610, 118220.	4.1	39
33	GWF-NH <sub>2</sub> enhanced OSN membrane with trifluoromethyl groups in polyamide layer for rapid methanol recycling. <i>Separation and Purification Technology</i> , 2020, 240, 116619.	3.9	8
34	Novel designed TFC membrane based on host-guest interaction for organic solvent nanofiltration (OSN). <i>Journal of Membrane Science</i> , 2019, 588, 117227.	4.1	36
35	Double-Crosslinked GO Interlayer Framework as a Pervaporation Hybrid Membrane with High Performance. <i>ACS Omega</i> , 2019, 4, 15043-15050.	1.6	12
36	High-performance polyamide/ceramic hollow fiber TFC membranes with TiO <sub>2</sub> interlayer for pervaporation dehydration of isopropanol solution. <i>Journal of Membrane Science</i> , 2019, 576, 26-35.	4.1	60

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37	ETA@PAN and its Composite Membrane with High Performance Prepared by In Situ Modification/NIPS Principle. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800745.	1.7	7
38	Novel thin-film nanocomposite membrane with water-soluble polyhydroxylated fullerene for the separation of Mg <sup>2+</sup> /Li <sup>+</sup> aqueous solution. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48029.	1.3	40
39	Nanorattle Au@PtAg encapsulated in ZIF-8 for enhancing CO <sub>2</sub> photoreduction to CO. <i>Nano Research</i> , 2019, 12, 625-630.	5.8	47
40	Preparation of Carbonized MOF/MgCl <sub>2</sub> Hybrid Products as Dye Adsorbent and Supercapacitor: Morphology Evolution and Mg Salt Effect. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 1601-1612.	1.8	21
41	Transient Simulation of Hollow-Fiber Membrane Filtration with Nonuniform Permeability Distribution. <i>Chemical Engineering and Technology</i> , 2019, 42, 53-64.	0.9	1
42	Nanofoaming of Polyamide Desalination Membranes To Tune Permeability and Selectivity. <i>Environmental Science and Technology Letters</i> , 2018, 5, 123-130.	3.9	260
43	Interfacial Polymerization with Electrosprayed Microdroplets: Toward Controllable and Ultrathin Polyamide Membranes. <i>Environmental Science and Technology Letters</i> , 2018, 5, 117-122.	3.9	105
44	Three-dimensional simulation of the time-dependent fluid flow and fouling behavior in an industrial hollow fiber membrane module. <i>AIChE Journal</i> , 2018, 64, 2655-2669.	1.8	10
45	Hydrophilic Modification of PVDF Microfiltration Membrane with Poly (Ethylene Glycol) Dimethacrylate through Surface Polymerization. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 108-117.	1.9	24
46	Preparation and characterization of PES/CA microporous membranes via reverse thermally induced phase separation process. <i>Polymer Engineering and Science</i> , 2018, 58, 180-191.	1.5	13
47	Microporous assembly and shape control of a new Zn metal-organic framework: Morphology-dependent catalytic performance. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4097.	1.7	18
48	Chlorine resistant TFN nanofiltration membrane incorporated with octadecylamine-grafted GO and fluorine-containing monomer. <i>Journal of Membrane Science</i> , 2018, 545, 185-195.	4.1	112
49	Novel $\text{I}^2\text{-CD@ZIF-8}$ Nanoparticles-Doped Poly( <i>m</i> -phenylene isophthalamide) (PMIA) Thin-Film Nanocomposite (TFN) Membrane for Organic Solvent Nanofiltration (OSN). <i>ACS Omega</i> , 2018, 3, 11770-11787.	1.6	43
50	Impact of Cross-Linked Chitosan Sublayer Structure on the Performance of TFC FO PAN Nanofiber Membranes. <i>ACS Omega</i> , 2018, 3, 13009-13019.	1.6	20
51	Three-channel capillary NF membrane with PAMAM-MWCNT-embedded inner polyamide skin layer for heavy metals removal. <i>RSC Advances</i> , 2018, 8, 29455-29463.	1.7	30
52	High-performance composite nanofiltration membranes fabricated via ternary mixture: Complementary preponderance of the fluorine-containing monomer 2,2-bis(1-hydroxyethyl)trifluoromethyl-2,2-trifluoroethyl-4,4'-methylene dianiline and the rigid monomer bisphenol F. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46482.	1.3	5
53	Novel chitosan-piperazine composite nanofiltration membranes for the desalination of brackish water and seawater. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	30
54	Novel high-flux polyamide/TiO <sub>2</sub> composite nanofiltration membranes on ceramic hollow fibre substrates. <i>Journal of Membrane Science</i> , 2018, 565, 322-330.	4.1	59

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55	Preparation of renewable porous TiO <sub>2</sub> /PVA composite sphere as photocatalyst for methyl orange degradation. <i>Journal of Porous Materials</i> , 2018, 25, 1071-1080.	1.3	8
56	Interforce initiated by magnetic nanoparticles for reducing internal concentration polarization in CTA forward osmosis membrane. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	15
57	Preparation and characterization of a PFSA/PVDF blend nanofiber membrane and its preliminary application investigation. <i>New Journal of Chemistry</i> , 2017, 41, 7544-7552.	1.4	13
58	Improving the chlorine-tolerant ability of polypiperazine-amide nanofiltration membrane by adding NH <sub>2</sub> -PEG-NH <sub>2</sub> in the aqueous phase. <i>Journal of Membrane Science</i> , 2017, 538, 9-17.	4.1	39
59	Effect of cellulose triacetate membrane thickness on forward osmosis performance and application for spent electroless nickel plating baths. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45049.	1.3	14
60	Highly chlorine-tolerant performance of three-channel capillary nanofiltration membrane with inner skin layer. <i>Journal of Membrane Science</i> , 2017, 527, 111-120.	4.1	27
61	Morphological controlling of CTA forward osmosis membrane using different solvent-nonsolvent compositions in first coagulation bath. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	11
62	Positively charged capillary nanofiltration membrane with high rejection for Mg <sup>2+</sup> and Ca <sup>2+</sup> and good separation for Mg <sup>2+</sup> and Li <sup>+</sup> . <i>Desalination</i> , 2017, 420, 158-166.	4.0	170
63	Tailoring the polyester/polyamide backbone stiffness for the fabrication of high performance nanofiltration membrane. <i>Journal of Membrane Science</i> , 2017, 541, 483-491.	4.1	40
64	A Zinc(II) Porous Metal-Organic Framework and Its Morphologically Controlled Catalytic Properties in the Knoevenagel Condensation Reaction. <i>ChemPlusChem</i> , 2017, 82, 1182-1187.	1.3	13
65	A facile preparation of novel positively charged MOF/chitosan nanofiltration membranes. <i>Journal of Membrane Science</i> , 2017, 525, 269-276.	4.1	138
66	Antifouling sulfonated polyamide nanofiltration hollow fiber membrane prepared with mixed diamine monomers of BDSA and PIP. <i>RSC Advances</i> , 2017, 7, 56629-56637.	1.7	27
67	A self-cleaning TiO <sub>2</sub> coated mesh with robust underwater superoleophobicity for oil/water separation in a complex environment. <i>RSC Advances</i> , 2016, 6, 65171-65178.	1.7	22
68	Interfacial polymerization on PES hollow fiber membranes using mixed diamines for nanofiltration removal of salts containing oxyanions and ferric ions. <i>Desalination</i> , 2016, 394, 176-184.	4.0	72
69	Preparation of porous PVDF nanofiber coated with Ag NPs for photocatalysis application. <i>Fibers and Polymers</i> , 2016, 17, 21-29.	1.1	19
70	Novel high-flux thin film composite nanofiltration membranes fabricated by the NaClO pre-oxidation of the mixed diamine monomers of PIP and BHTTM in the aqueous phase solution. <i>Journal of Membrane Science</i> , 2016, 502, 106-115.	4.1	47
71	Novel polyamide thin-film composite nanofiltration membrane modified with poly(amidoamine) and SiO <sub>2</sub> gel. <i>RSC Advances</i> , 2016, 6, 45585-45594.	1.7	20
72	A PVDF/PVB composite UF membrane improved by F-127-wrapped fullerene for protein waste-water separation. <i>RSC Advances</i> , 2016, 6, 83510-83519.	1.7	15

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73	A Novel Seeding Method of Interfacial Polymerization-Assisted Dip Coating for the Preparation of Zeolite NaA Membranes on Ceramic Hollow Fiber Supports. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 25386-25395.	4.0	36
74	Polypiperazine-amide Nanofiltration Membrane Modified by Different Functionalized Multiwalled Carbon Nanotubes (MWCNTs). <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 19135-19144.	4.0	262
75	Novel Swelling-Resistant Sodium Alginate Membrane Branching Modified by Glycogen for Highly Aqueous Ethanol Solution Pervaporation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27243-27253.	4.0	46
76	Synergy of graphene oxide-silver nanocomposite and amphiphilic co-polymer F127 on antibacterial properties and permeability of PVDF membrane. <i>RSC Advances</i> , 2016, 6, 100334-100343.	1.7	8
77	Preparation of MFI zeolite membranes on coarse macropore stainless steel hollow fibers for the recovery of bioalcohols. <i>RSC Advances</i> , 2016, 6, 109936-109944.	1.7	14
78	Preparation and characterization of a novel hydrophilic PVDF/PVA UF membrane modified by carboxylated multiwalled carbon nanotubes. <i>Polymer Engineering and Science</i> , 2016, 56, 955-967.	1.5	19
79	Preparation, characterization and solvent resistance of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> inorganic hollow fiber nanofiltration membrane. <i>Journal of Membrane Science</i> , 2016, 503, 69-80.	4.1	82
80	Modification of porous stainless steel hollow fibers by adding TiO <sub>2</sub> , ZrO <sub>2</sub> and SiO <sub>2</sub> nano-particles. <i>Journal of Porous Materials</i> , 2016, 23, 773-782.	1.3	7
81	A chlorine-tolerant nanofiltration membrane prepared by the mixed diamine monomers of PIP and BHTM. <i>Journal of Membrane Science</i> , 2016, 498, 374-384.	4.1	104
82	Preparation and characterization of a composite nanofiltration membrane from cyclen and trimesoyl chloride prepared by interfacial polymerization. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	12
83	Preparation of PAN/PAMAM blend nanofiber mats as efficient adsorbent for dye removal. <i>Fibers and Polymers</i> , 2015, 16, 1917-1924.	1.1	21
84	Modification of polysulfone hollow fiber ultrafiltration membranes using hyperbranched polyesters with different molecular weights. <i>Polymers for Advanced Technologies</i> , 2015, 26, 353-361.	1.6	14
85	Superhydrophobic modification of PVDF-SiO <sub>2</sub> electrospun nanofiber membranes for vacuum membrane distillation. <i>RSC Advances</i> , 2015, 5, 67962-67970.	1.7	97
86	Preparation and characterization of superhydrophilic PVDF electrospun nanofibrous membrane based on in situ free radical polymerization. <i>Materials Letters</i> , 2015, 156, 58-61.	1.3	12
87	Fabrication and characterization of a novel nanofiltration membrane by the interfacial polymerization of 1,4-diaminocyclohexane (DCH) and trimesoyl chloride (TMC). <i>RSC Advances</i> , 2015, 5, 40742-40752.	1.7	49
88	Fabrication and characterization of PVDF hollow fiber membranes employing in-situ self-assembly modulation concept. <i>Journal of Membrane Science</i> , 2015, 486, 119-131.	4.1	11
89	Surface modification of poly(vinylidene fluoride) membrane with hydrophilic and anti-fouling performance via a two-step polymerization. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 2492-2500.	1.2	10
90	FAS Grafted Electrospun Poly(vinyl alcohol) Nanofiber Membranes with Robust Superhydrophobicity for Membrane Distillation. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 22652-22659.	4.0	93

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91	Vacuum membrane distillation's crystallization process of high ammonium salt solutions. <i>Desalination and Water Treatment</i> , 2015, 55, 368-380.	1.0	11
92	Preparation and characterization polyvinylidene fluoride membranes from water and ethanol coagulants via in situ free radical polymerization. <i>Polymers for Advanced Technologies</i> , 2014, 25, 1044-1053.	1.6	2
93	Poly(styrene sulfonic acid) sodium modified nanofiltration membranes with improved permeability for the softening of highly concentrated seawater. <i>Desalination</i> , 2014, 336, 179-186.	4.0	30
94	Separated performances of ammonium sulphate and ammonium chloride solutions treated by vacuum membrane distillation. <i>Canadian Journal of Chemical Engineering</i> , 2014, 92, 1306-1313.	0.9	7
95	Investigation of Polyvinylidene Fluoride Membranes Prepared by Using Surfactant OP-10 Alone or with a Second Component, as Additives, via the Non-Solvent-Induced Phase Separation (NIPS) Process. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 1319-1334.	0.4	7
96	Effect of polymer and additive on the structure and property of porous stainless steel hollow fiber. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1438-1443.	1.2	6
97	Influence of residence time on performances of PVDF membranes prepared via free radical polymerization. <i>Journal of Applied Polymer Science</i> , 2014, 131, n/a-n/a.	1.3	1
98	Effects of nucleating agents on the morphologies and performances of poly(vinylidene fluoride) microporous membranes via thermally induced phase separation. <i>Journal of Applied Polymer Science</i> , 2013, 128, 836-844.	1.3	18
99	Spinnability of SPPEsk and its application in esterification. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	4
100	Characterization and preparation of poly(vinylidene fluoride) (PVDF) microporous membranes with interconnected bicontinuous structures via non-solvent induced phase separation (NIPS). <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	34
101	A Novel Composite Nanofiltration Membrane Prepared by Interfacial Polymerization of 2,2,2-trifluoroethyl-4-methylenedianiline and Trimesoyl Chloride. <i>Separation Science and Technology</i> , 2013, 48, 554-563.	1.3	8
102	Preparation and characterization of PVDF-P(PEGMA-r-MMA) ultrafiltration blend membranes via simplified blend method. <i>Desalination</i> , 2013, 319, 47-59.	4.0	25
103	Preparation and characterization of poly(dimethylsiloxane)-polytetrafluoroethylene (PDMS-PTFE) composite membrane for pervaporation of chloroform from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 2059-2067.	1.2	25
104	Preparation and Characterization of Perfluorosulfonic Acid Nanofiber Membranes for Pervaporation-Assisted Esterification. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 8149-8156.	1.8	25
105	Polypiperazine-amide nanofiltration membrane containing silica nanoparticles prepared by interfacial polymerization. <i>Desalination</i> , 2012, 301, 75-81.	4.0	150
106	PFSA-TiO <sub>2</sub> (or Al <sub>2</sub> O <sub>3</sub> )-PVA/PVA/PAN difunctional hollow fiber composite membranes prepared by dip-coating method. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 31-41.	1.3	9
107	Effects of ethanol and isopropanol on the structures and properties of polyethersulfone/perfluorosulfonic acid nanofibers fabricated via electrospinning. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	20
108	Preparation and characterization of PVDF microporous membrane with highly hydrophobic surface. <i>Polymers for Advanced Technologies</i> , 2011, 22, 520-531.	1.6	61



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109	Characterization, separation performance, and model analysis of STPP $\alpha$ -chitosan/PAN polyelectrolyte complex membranes. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1017-1026.	1.3	15
110	Effects of mixed solvents and PVDF types on performances of PVDF microporous membranes. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2277-2287.	1.3	95
111	Preparation and characterization of microporous PVDF membrane by thermally induced phase separation from a ternary polymer/solvent/non-solvent system. <i>Desalination and Water Treatment</i> , 2010, 17, 183-192.	1.0	27
112	PVDF $\alpha$ -TiO <sub>2</sub> composite hollow fiber ultrafiltration membranes prepared by TiO <sub>2</sub> sol-gel method and blending method. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1763-1772.	1.3	164
113	Polymer-nanoinorganic particles composite membranes: a brief overview. <i>Frontiers of Chemical Engineering in China</i> , 2009, 3, 318-329.	0.6	66
114	Miscibility on blends of PVA and PFSA by viscometry. <i>Journal of Shanghai University</i> , 2009, 13, 260-262.	0.1	0
115	Analysis on Microstructure of Polymers for Selective Separation of Naproxen Enantiomers. , 2009, , .		1
116	Sodium alginate-polyvinyl alcohol/polysulfone (SA-PVA/PSF) hollow fiber composite pervaporation membrane for dehydration of ethanol-water solution. <i>Journal of Shanghai University</i> , 2008, 12, 163-170.	0.1	4
117	Microporous polyethersulfone membranes prepared under the combined precipitation conditions with non-solvent additives. <i>Polymers for Advanced Technologies</i> , 2008, 19, 251-257.	1.6	116
118	Influence of post-treatments on the properties of porous poly(vinyl alcohol) membranes. <i>Journal of Applied Polymer Science</i> , 2008, 107, 1423-1429.	1.3	42
119	Preparation of PFSA $\alpha$ -PVA/PSf hollow fiber membrane for IPA/H <sub>2</sub> O pervaporation process. <i>Journal of Applied Polymer Science</i> , 2008, 108, 370-379.	1.3	13
120	Preparation and characterization of metal-complex imprinted PVDF hollow fiber membranes. <i>Journal of Applied Polymer Science</i> , 2008, 109, 64-73.	1.3	16
121	Hydrophilic microporous PES membranes prepared by PES/PEG/DMAc casting solutions. <i>Journal of Applied Polymer Science</i> , 2008, 107, 4100-4108.	1.3	85
122	Perfluorosulfonic acid $\alpha$ -Tetraethoxysilane/polyacrylonitrile (PFSA $\alpha$ -TEOS/PAN) hollow fiber composite membranes prepared for pervaporation dehydration of ethyl acetate-water solutions. <i>Journal of Applied Polymer Science</i> , 2008, 109, 4025-4035.	1.3	26
123	Study on Membrane Fouling Behavior During Synthetic Refractory Wastewater Treatment Using SMBR with Hollow Fiber Module. <i>Environmental Engineering Science</i> , 2008, 25, 703-712.	0.8	3
124	Treatment of Acid Mine Drainage (AMD) by Ultra-Low-Pressure Reverse Osmosis and Nanofiltration. <i>Environmental Engineering Science</i> , 2007, 24, 1297-1306.	0.8	55
125	Recognition properties of poly(vinylidene fluoride) hollow-fiber membranes modified by levofloxacin-imprinted polymers. <i>Journal of Applied Polymer Science</i> , 2007, 106, 71-76.	1.3	27
126	Separation performance of horizontal and vertical polyethersulfone hollow fiber UF modules. <i>Journal of Shanghai University</i> , 2006, 10, 173-178.	0.1	0



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127	Two-dimensional simulation of hollow fiber membrane fabricated by phase inversion method. Journal of Applied Polymer Science, 2006, 100, 2067-2074.	1.3	8
128	Polyvinyl alcohol/polysulfone (PVA/PSF) hollow fiber composite membranes for pervaporation separation of ethanol/water solution. Journal of Applied Polymer Science, 2005, 98, 247-254.	1.3	54
129	Numerical simulation of a mathematical model for dry/wet-spun nascent hollow fiber membrane. Journal of Shanghai University, 2004, 8, 213-220.	0.1	3
130	Effect of polyethylene glycol molecular weights and concentrations on polyethersulfone hollow fiber ultrafiltration membranes. Journal of Applied Polymer Science, 2004, 91, 3398-3407.	1.3	67
131	Study on the Treatment of Industrial Wastewater Containing Pb <sup>2+</sup> Ion Using a Coupling Process of Polymer Complexation-Ultrafiltration. Separation Science and Technology, 2003, 38, 1585-1596.	1.3	31