

Qiu Gen Zhang

List of Publications by Year in descending order

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126
papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Highly conductive fluorinated poly(biphenyl piperidinium) anion exchange membranes with robust durability. <i>Journal of Membrane Science</i> , 2022, 645, 120200.	8.2	43
2	Ultrathin sulfonated mesoporous interlayer facilitates to prepare highly-permeable polyamide nanofiltration membranes. <i>Journal of Membrane Science</i> , 2022, 652, 120507.	8.2	20
3	High-performance tetracyclic aromatic anion exchange membranes containing twisted binaphthyl for fuel cells. <i>Journal of Membrane Science</i> , 2022, 655, 120578.	8.2	45
4	Hollow fiber ultrafiltration membranes of poly(biphenyl-trifluoroacetone). <i>Journal of Membrane Science</i> , 2022, 659, 120779.	8.2	7
5	Loose nanofiltration membranes based on interfacial glutaraldehyde-amine polymerization for fast and highly selective dye/salt separation. <i>Chemical Engineering Journal</i> , 2022, 450, 138057.	12.7	29
6	Rigid crosslinkers towards constructing highly-efficient ion transport channels in anion exchange membranes. <i>Journal of Membrane Science</i> , 2021, 619, 118806.	8.2	48
7	Two-dimensional PdSn/TiO ₂ -GO towards ethanol electrooxidation catalyst with high stability. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 19129-19139.	7.1	15
8	Ternary supportless Pd@Cd-Ag core-shell as advanced nanocatalysts towards electro-oxidation performance of ethanol. <i>Journal of Alloys and Compounds</i> , 2021, 868, 158955.	5.5	6
9	Two-dimensional metal-organic framework-graphene oxide hybrid nanocomposite proton exchange membranes with enhanced proton conduction. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 593-603.	9.4	29
10	Enhanced Performance of Sulfonated Poly(ether ether Ketone) Hybrid Membranes by Introducing Sulfated MOF-808/Graphene Oxide Composites. <i>ACS Applied Energy Materials</i> , 2021, 4, 9664-9672.	5.1	9
11	Crosslinked naphthalene-based triblock polymer anion exchange membranes for fuel cells. <i>Journal of Membrane Science</i> , 2021, 636, 119569.	8.2	25
12	End-group crosslinked hexafluorobenzene contained anion exchange membranes. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39921-39931.	7.1	15
13	Dual hydrophobic modifications toward anion exchange membranes with both high ion conductivity and excellent dimensional stability. <i>Journal of Membrane Science</i> , 2020, 595, 117521.	8.2	51
14	Anion exchange membranes with dense N-spirocyclic cations as side-chain. <i>Journal of Membrane Science</i> , 2020, 595, 117560.	8.2	47
15	Multiple Enhancement Effects of Crown Ether in Tröger's Base Polymers on the Performance of Anion Exchange Membranes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24806-24816.	8.0	44
16	Highly conductive fluorine-based anion exchange membranes with robust alkaline durability. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13065-13076.	10.3	59
17	Photosynergetic Electrochemical Synthesis of Graphene Oxide. <i>Journal of the American Chemical Society</i> , 2020, 142, 6516-6520.	13.7	41
18	Reactive microporous copolymers with excellent film-forming ability for ion exchange membranes. <i>Journal of Power Sources</i> , 2020, 452, 227827.	7.8	12

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19	Novel crosslinked aliphatic anion exchange membranes with pendant pentafluorophenyl groups. <i>Electrochimica Acta</i> , 2019, 321, 134634.	5.2	29
20	Anion conductive membrane performance facilitation via tethering flexible with rigid backbones using oscillational chain. <i>Journal of Power Sources</i> , 2019, 436, 226856.	7.8	28
21	Well-dispersed Pd-Sn nanocatalyst anchored on TiO ₂ nanosheets with enhanced activity and durability for ethanol electrooxidation. <i>Electrochimica Acta</i> , 2019, 320, 134588.	5.2	16
22	Orderly branched anion exchange membranes bearing long flexible multi-cation side chain for alkaline fuel cells. <i>Journal of Membrane Science</i> , 2019, 589, 117247.	8.2	53
23	Self-recoverable Pd-Ru/TiO ₂ nanocatalysts with ultrastability towards ethanol electrooxidation. <i>Nanoscale</i> , 2019, 11, 3311-3317.	5.6	25
24	A hydrophobic pervaporation membrane with hierarchical microporosity for high-efficient dehydration of alcohols. <i>Chemical Engineering Science</i> , 2019, 206, 489-498.	3.8	16
25	Hydrophobic side chains to enhance hydroxide conductivity and physicochemical stabilities of side-chain-type polymer AEMs. <i>Journal of Membrane Science</i> , 2019, 585, 90-98.	8.2	53
26	Crown ether bridged anion exchange membranes with robust alkaline durability. <i>Journal of Membrane Science</i> , 2019, 578, 230-238.	8.2	44
27	Tetraamminezinc complex integrated interpenetrating polymer network nanocomposite membrane for phosphorous recovery. <i>AIChE Journal</i> , 2019, 65, 755-765.	3.6	14
28	Highly conductive anion exchange membranes with long flexible multication spacer. <i>Journal of Membrane Science</i> , 2018, 553, 209-217.	8.2	73
29	Graphene oxide nanosheets to improve permeability and selectivity of PIM-1 membrane for carbon dioxide separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 63, 296-302.	5.8	49
30	Poly(2,6-dimethyl-1,4-phenylene oxide)/ionic liquid functionalized graphene oxide anion exchange membranes for fuel cells. <i>Journal of Membrane Science</i> , 2018, 552, 367-376.	8.2	78
31	Borate crosslinking of polydopamine grafted carbon nanotubes membranes for protein separation. <i>Chemical Engineering Journal</i> , 2018, 337, 110-121.	12.7	30
32	Poly(arylene ether nitrile) anion exchange membranes with dense flexible ionic side chain for fuel cells. <i>Journal of Membrane Science</i> , 2018, 550, 254-265.	8.2	55
33	Towards improved antifouling ability and separation performance of polyethersulfone ultrafiltration membranes through poly(ethylenimine) grafting. <i>Journal of Membrane Science</i> , 2018, 554, 125-133.	8.2	40
34	Novel H-PdSnNi Catalyst with Enhanced Ethanol Electrooxidation Performance in Alkaline Medium. <i>Electrochimica Acta</i> , 2018, 259, 1145-1153.	5.2	13
35	Fullerene-regulated graphene oxide nanosheet membranes with well-defined laminar nanochannels for precise molecule sieving. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22590-22598.	10.3	33
36	Facile construction of crosslinked all-carbon-backbone anion-exchange membranes with robust durability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24831-24840.	10.3	28

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37	Alkali-stable partially fluorinated poly(arylene ether) anion exchange membranes with a claw-type head for fuel cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12455-12465.	10.3	74
38	Cross-Linked Poly(vinylbenzyl chloride) Anion Exchange Membranes with Long Flexible Multihead for Fuel Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 3479-3487.	5.1	54
39	Anion exchange membranes with well-developed conductive channels: Effect of the functional groups. <i>Journal of Membrane Science</i> , 2018, 564, 298-307.	8.2	84
40	Anion Conductive Triblock Copolymer Membranes with Flexible Multication Side Chain. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18327-18337.	8.0	80
41	Multi-cation crosslinked anion exchange membranes from microporous Tröger's base copolymers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13302-13311.	10.3	81
42	Polyacrylonitrile mesoporous composite membranes with high separation efficiency prepared by fast freeze-extraction process. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 49, 61-68.	5.8	2
43	Highly efficient polymer-MOF nanocomposite membrane for pervaporation separation of water/methanol/MTBE ternary mixture. <i>Chemical Engineering Research and Design</i> , 2017, 117, 688-697.	5.6	26
44	Crosslinked side-chain-type anion exchange membranes with enhanced conductivity and dimensional stability. <i>Journal of Membrane Science</i> , 2017, 539, 24-33.	8.2	85
45	Imidazolium-functionalized anion exchange membranes using poly(ether sulfone)s as macrocrosslinkers for fuel cells. <i>RSC Advances</i> , 2017, 7, 27342-27353.	3.6	24
46	Metal in situ surface functionalization of polymer-grafted-carbon nanotube composite membranes for fast efficient nanofiltration. <i>Journal of Materials Chemistry A</i> , 2017, 5, 583-592.	10.3	51
47	Triblock copolymer anion exchange membranes bearing alkyl-tethered cycloaliphatic quaternary ammonium-head-groups for fuel cells. <i>Journal of Power Sources</i> , 2017, 365, 282-292.	7.8	64
48	Quaternized triblock polymer anion exchange membranes with enhanced alkaline stability. <i>Journal of Membrane Science</i> , 2017, 541, 358-366.	8.2	98
49	LBL assembled polyelectrolyte nanofiltration membranes with tunable surface charges and high permeation by employing a nanosheet sacrificial layer. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14819-14827.	10.3	41
50	Clustered multi-imidazolium side chains functionalized alkaline anion exchange membranes for fuel cells. <i>Journal of Membrane Science</i> , 2017, 541, 214-223.	8.2	63
51	Toward improved hydrophilicity of polymers of intrinsic microporosity for pervaporation dehydration of ethylene glycol. <i>Separation and Purification Technology</i> , 2017, 174, 166-173.	7.9	32
52	Cellulose nanofiber intermediary to fabricate highly-permeable ultrathin nanofiltration membranes for fast water purification. <i>Journal of Membrane Science</i> , 2017, 524, 174-185.	8.2	113
53	Side-chain-type anion exchange membranes bearing pendent imidazolium-functionalized poly(phenylene) Tj ETQq1_1 0.784314 rgBT /Ov	8.2	73
54	Imidazolium-Functionalized Poly(arylene ether sulfone) Anion-Exchange Membranes Densely Grafted with Flexible Side Chains for Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25279-25288.	8.0	140

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55	Nickel hydroxide nanosheet membranes with fast water and organics transport for molecular separation. <i>Nanoscale</i> , 2016, 8, 18428-18435.	5.6	26
56	Side-chain-type anion exchange membranes bearing pendant quaternary ammonium groups via flexible spacers for fuel cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13938-13948.	10.3	177
57	Enhanced performance of anion exchange membranes via crosslinking of ion cluster regions for fuel cells. <i>Journal of Power Sources</i> , 2016, 327, 56-66.	7.8	50
58	Interpenetrating anion exchange membranes using poly(1-vinylimidazole) as bifunctional crosslinker for fuel cells. <i>Journal of Membrane Science</i> , 2016, 518, 295-304.	8.2	72
59	A Versatile Approach Towards the Fast Fabrication of Highly-Permeable Polymer Mesoporous Membranes. <i>ChemistrySelect</i> , 2016, 1, 3049-3053.	1.5	1
60	Facile preparation and separation performances of cellulose nanofibrous membranes. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	22
61	Sub-10 nm Wide Cellulose Nanofibers for Ultrathin Nanoporous Membranes with High Organic Permeation. <i>Advanced Functional Materials</i> , 2016, 26, 792-800.	14.9	85
62	Pervaporation removal of volatile organic compounds from aqueous solutions using the highly permeable PIM-1 membrane. <i>AIChE Journal</i> , 2016, 62, 842-851.	3.6	81
63	Comb-shaped phenolphthalein-based poly(ether sulfone)s as anion exchange membranes for alkaline fuel cells. <i>RSC Advances</i> , 2016, 6, 17269-17279.	3.6	24
64	Pervaporation Purification of Ethylene Glycol Using the Highly Permeable PIM-1 Membrane. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 579-586.	1.9	37
65	Anion exchange membranes based on carbazole-containing polyolefin for direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2016, 497, 99-107.	8.2	41
66	Ultrathin pH-Sensitive Nanoporous Membranes for Superfast Size-Selective Separation. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1133-1137.	3.3	6
67	Orderly sandwich-shaped graphene oxide/Nafion composite membranes for direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2015, 492, 58-66.	8.2	102
68	Highly ionic-conductive crosslinked cardo poly(arylene ether sulfone)s as anion exchange membranes for alkaline fuel cells. <i>Journal of Membrane Science</i> , 2015, 491, 138-148.	8.2	58
69	Benzylmethyl-containing poly(arylene ether nitrile) as anion exchange membranes for alkaline fuel cells. <i>Journal of Membrane Science</i> , 2015, 481, 9-18.	8.2	60
70	Enhancement of hydroxide conductivity by grafting flexible pendant imidazolium groups into poly(arylene ether sulfone) as anion exchange membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18105-18114.	10.3	116
71	Phenolphthalein-based Poly(arylene ether sulfone nitrile)s Multiblock Copolymers As Anion Exchange Membranes for Alkaline Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8284-8292.	8.0	107
72	Fabrication of hollow platinum-ruthenium core-shell catalysts with nanochannels and enhanced performance for methanol oxidation. <i>Journal of Power Sources</i> , 2015, 299, 443-450.	7.8	27

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73	Influence of phenolphthalein groups on the structure and properties of poly(arylene ether sulfone) Tj ETQq1 1 0.784314 rgBT ₄ /Overlo	3.6	4
74	Ultrafine polystyrene nanofibers and its application in nanofibrous membranes. Chemical Engineering Journal, 2015, 264, 329-335.	12.7	13
75	Fluorene-containing poly(arylene ether sulfone)s as anion exchange membranes for alkaline fuel cells. Journal of Membrane Science, 2014, 457, 29-38.	8.2	54
76	[Cu ₂ (bdc) ₂ (bpy)] _n /SPES-C mixed matrix membranes for separation of methanol/methyl tert-butyl ether mixtures. Journal of Membrane Science, 2014, 454, 36-43.	8.2	37
77	Colloidosomes from poly(N-vinyl-2-pyrrolidone)-coated poly(N-isopropylacrylamide-co-acrylic acid) microgels via UV crosslinking. RSC Advances, 2014, 4, 9445.	3.6	13
78	Fluorene-containing poly (arylene ether sulfone) block copolymers: Synthesis, characterization and application. Journal of Membrane Science, 2014, 464, 72-79.	8.2	30
79	Effect of Fluorene Groups on the Properties of Multiblock Poly(arylene ether sulfone)s-Based Anion-Exchange Membranes. ACS Applied Materials & Interfaces, 2014, 6, 6776-6785.	8.0	69
80	Hollow nanoporous Au/Pt core-shell catalysts with nanochannels and enhanced activities towards electro-oxidation of methanol and ethanol. International Journal of Hydrogen Energy, 2014, 39, 8246-8256.	7.1	42
81	Highly permeable cellulose acetate nanofibrous composite membranes by freeze-extraction. Journal of Membrane Science, 2014, 454, 339-345.	8.2	31
82	UV-crosslinked chitosan/polyvinylpyrrolidone blended membranes for pervaporation. RSC Advances, 2013, 3, 1855-1861.	3.6	46
83	Polyarylethersulfone with cardo/poly (vinyl pyrrolidone) blend membrane for pervaporation of methanol/methyl tert-butyl ether mixtures. Journal of Membrane Science, 2013, 448, 55-61.	8.2	22
84	Pervaporation of water-ethanol and methanol-MTBE mixtures using poly (vinyl alcohol)/cellulose acetate blended membranes. Journal of Membrane Science, 2013, 448, 93-101.	8.2	76
85	Preparation of Cell-Embedded Colloidosomes in an Oil-in-Water Emulsion. ACS Applied Materials & Interfaces, 2013, 5, 10682-10689.	8.0	17
86	Facile Method to Prepare Monodispersed Hollow PtAu Sphere with TiO ₂ Colloidal Sphere as a Template. Industrial & Engineering Chemistry Research, 2013, 52, 7432-7438.	3.7	13
87	Facile preparation of homogeneous polyelectrolyte complex membranes for separation of methanol/methyl tert-butyl ether mixtures. Journal of Membrane Science, 2013, 447, 246-252.	8.2	24
88	Ultrathin self-assembled anionic polymer membranes for superfast size-selective separation. Nanoscale, 2013, 5, 11028.	5.6	38
89	Pervaporation separation of methanol/methyl tert-butyl ether mixtures using polyarylethersulfone with cardo membranes. Separation and Purification Technology, 2013, 107, 211-218.	7.9	34
90	Anion exchange membranes based on poly(vinyl alcohol) and quaternized polyethyleneimine for direct methanol fuel cells. Journal of Applied Polymer Science, 2013, 128, 3853-3860.	2.6	23

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91	Chitosan/polyvinylpyrrolidone-silica hybrid membranes for pervaporation separation of methanol/ethylene glycol azeotrope. <i>Journal of Applied Polymer Science</i> , 2013, 129, 3178-3184.	2.6	13
92	Pervaporation of Methanol-Ethylene Glycol Mixture over Organic-Inorganic Hybrid Membranes. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 7541-7549.	3.7	16
93	Separation of methanol/methyl tert-butyl ether using sulfonated polyarylethersulfone with cardo (SPES-C) membranes. <i>Journal of Membrane Science</i> , 2013, 430, 180-187.	8.2	22
94	One-pot synthesis of composite microspheres with core-shell structure. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2702-2708.	2.3	1
95	CuO-filled aminomethylated polysulfone hybrid membranes for deep desulfurization. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3718-3725.	2.6	20
96	Crystal structure of 4-(4-methylphenyl)-2,2'-bipyridine-6-carboxylic acid- N,N-dimethylformamide (1:0.5), C ₁₈ H ₁₄ N ₂ O ₂ ·0.5C ₃ H ₇ NO, C ₃₉ H ₃₅ N ₅ O ₅ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2013, 228, 51-52.	0.3	1
97	Microstructure-related performances of poly(vinyl alcohol)-silica hybrid membranes: a molecular dynamics simulation study. <i>Journal of Materials Chemistry</i> , 2012, 22, 10860.	6.7	22
98	Self-crosslinked anion exchange membranes by bromination of benzylmethyl-containing poly(sulfone)s for direct methanol fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11383-11393.	7.1	41
99	One-pot synthesis of poly(N-isopropylacrylamide)/chitosan composite microspheres via microemulsion. <i>Carbohydrate Polymers</i> , 2012, 90, 690-695.	10.2	13
100	Pervaporation dehydration of water/ethanol/ethyl acetate mixtures using poly(vinyl alcohol)-silica hybrid membranes. <i>Journal of Applied Polymer Science</i> , 2012, 126, 778-787.	2.6	24
101	Ultrathin freestanding nanoporous membranes prepared from polystyrene nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 1684-1688.	6.7	62
102	A novel poly(dimethyl siloxane)/poly(oligosilsesquioxanes) composite membrane for pervaporation desulfurization. <i>Journal of Membrane Science</i> , 2011, 366, 335-341.	8.2	56
103	Amino-functionalized poly(vinyl alcohol) membranes for enhanced water permselectivity. <i>Journal of Membrane Science</i> , 2010, 360, 276-283.	8.2	20
104	Structure and pervaporation performance of novel quaternized poly(vinyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (alcohol)/f3aEm 1121-1126.	2.6	5
105	Molecular simulation of CO ₂ /CH ₄ permeabilities in polyamide-imide isomers. <i>Journal of Membrane Science</i> , 2010, 348, 204-212.	8.2	60
106	A Fully Flexible Potential Model for Carbon Dioxide. <i>Chinese Journal of Chemical Engineering</i> , 2009, 17, 268-272.	3.5	66
107	Pervaporation dehydration of ethyl acetate/ethanol/water azeotrope using chitosan/poly (vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 227 Td (alcohol)/f3aEm 80	8.2	80
108	Pervaporation performance of quaternized poly(vinyl alcohol) and its crosslinked membranes for the dehydration of ethanol. <i>Journal of Membrane Science</i> , 2009, 335, 68-75.	8.2	82

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109	Structure-related diffusion in poly(methyl methacrylate)/polyhedral oligomeric silsesquioxanes composites: A molecular dynamics simulation study. <i>Journal of Membrane Science</i> , 2009, 342, 105-112.	8.2	28
110	Microstructure dependent diffusion of waterðanol in swollen poly(vinyl alcohol): A molecular dynamics simulation study. <i>Chemical Engineering Science</i> , 2009, 64, 334-340.	3.8	70
111	Synthesis and characterization of cross-linked quaternized poly(vinyl alcohol)/chitosan composite anion exchange membranes for fuel cells. <i>Journal of Power Sources</i> , 2008, 183, 447-453.	7.8	160
112	Dehydration of acetic acid by pervaporation using SPEK-C/PVA blend membranes. <i>Journal of Membrane Science</i> , 2008, 320, 416-422.	8.2	45
113	Composite membranes prepared from glutaraldehyde cross-linked sulfonated cardo polyetherketone and its blends for the dehydration of acetic acid by pervaporation. <i>Journal of Membrane Science</i> , 2008, 325, 184-191.	8.2	27
114	Effects of annealing on the physico-chemical structure and permeation performance of novel hybrid membranes of poly(vinyl alcohol)/ β -aminopropyl-triethoxysilane. <i>Microporous and Mesoporous Materials</i> , 2008, 110, 379-391.	4.4	26
115	Dehydration of acetic acid using sulfonation cardo polyetherketone (SPEK-C) membranes. <i>Journal of Membrane Science</i> , 2008, 308, 171-179.	8.2	34
116	Pervaporation separation of MeOH/DMC mixtures using STA/CS hybrid membranes. <i>Journal of Membrane Science</i> , 2008, 315, 74-81.	8.2	47
117	Characterization and Permeation Performance of Novel Organic&Inorganic Hybrid Membranes of Poly(vinyl Alcohol)/1,2-Bis(triethoxysilyl)ethane. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16559-16565.	2.6	40
118	Fe ₃ O ₄ /poly(<i>N</i> -isopropylacrylamide)/Chitosan Composite Microspheres with Multiresponsive Properties. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 7700-7706.	3.7	78
119	Structure and permeation of organic&inorganic hybrid membranes composed of poly(vinyl alcohol) and polysilisesquioxane. <i>Journal of Materials Chemistry</i> , 2008, 18, 4646.	6.7	38
120	Analyzing solubility and diffusion of solvents in novel hybrid materials of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (alcohol) 2007, 17, 4889.	6.7	14
121	Dehydration of Isopropanol by Novel Poly(vinyl alcohol)&Silicone Hybrid Membranes. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 913-920.	3.7	81
122	Pervaporation characteristics and structure of poly(vinyl alcohol)/poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (glycol)/te	2.6	38
123	Composite hybrid membrane of chitosan&silica in pervaporation separation of MeOH/DMC mixtures. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 580-588.	9.4	64
124	Anti-trade-off in dehydration of ethanol by novel PVA/APTEOS hybrid membranes. <i>Journal of Membrane Science</i> , 2007, 287, 237-245.	8.2	120
125	The Policy Systems of Low-Carbon Economy for Jiangxi Province. <i>Applied Mechanics and Materials</i> , 0, 361-363, 892-897.	0.2	0
126	Nanosheet&templated graphene oxide membranes for fast molecule separation. <i>AIChE Journal</i> , 0, , .	3.6	2