

Feng Yan

List of Publications by Year in descending order

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papers

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22132

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#	ARTICLE	IF	CITATIONS
1	Moisture-Wicking, Breathable, and Intrinsically Antibacterial Electronic Skin Based on Dual-Gradient Poly(ionic liquid) Nanofiber Membranes. <i>Advanced Materials</i> , 2022, 34, e2106570.	11.1	110
2	Poly(ionic liquid)-Based Energy and Electronic Devices. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1099-1108.	2.6	15
3	CO ₂ -sourced anti-freezing hydrogel electrolyte for sustainable Zn-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 435, 135051.	6.6	30
4	High-density sulfonic acid-grafted covalent organic frameworks with efficient anhydrous proton conduction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6499-6507.	5.2	27
5	Switchable Adhesion: On-Demand Bonding and Debonding. <i>Advanced Science</i> , 2022, 9, e2200264.	5.6	43
6	Enhanced photocatalytic and antibacterial activity of acridinium-grafted g-C ₃ N ₄ with broad-spectrum light absorption for antimicrobial photocatalytic therapy. <i>Acta Biomaterialia</i> , 2022, 146, 370-384.	4.1	28
7	A Two-in-One Strategy for Flexible Aqueous Batteries Operated at ~80 °C. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	45
8	Realizing 17.5% Efficiency Flexible Organic Solar Cells via Atomic-Level Chemical Welding of Silver Nanowire Electrodes. <i>Journal of the American Chemical Society</i> , 2022, 144, 8658-8668.	6.6	116
9	Recyclable and CO ₂ -retardant Zn-air batteries based on CO ₂ -decorated highly conductive cellulose electrolytes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12235-12246.	5.2	11
10	Recyclable, Healable, and Tough Ionogels Insensitive to Crack Propagation. <i>Advanced Materials</i> , 2022, 34, e2203049.	11.1	82
11	A highly conductive and stable hybrid solid electrolyte for high voltage lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12842-12855.	5.2	15
12	Oxygen-supplied mesoporous carbon nanoparticles for enhanced photothermal/photodynamic synergetic therapy against antibiotic-resistant bacterial infections. <i>Chemical Science</i> , 2022, 13, 6967-6981.	3.7	22
13	Three-Dimensional Printable, Highly Conductive Ionic Elastomers for High-Sensitivity Iontronics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26068-26076.	4.0	27
14	Enabling Antibacterial and Antifouling Coating via Grafting of a Nitric Oxide-Releasing Ionic Liquid on Silicone Rubber. <i>Biomacromolecules</i> , 2022, 23, 2329-2341.	2.6	10
15	UV-crosslinkable anthracene-based ionomer derived gas Expressway for anion exchange membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13355-13367.	5.2	15
16	Alkaline stable pyrrolidinium-type main-chain polymer: The synergetic effect between adjacent cations. <i>Journal of Membrane Science</i> , 2021, 618, 118689.	4.1	20
17	Flexible cationic side chains for enhancing the hydroxide ion conductivity of olefinic-type copolymer-based anion exchange membranes: An experimental and theoretical study. <i>Journal of Membrane Science</i> , 2021, 620, 118794.	4.1	26
18	Electric-Field-Induced Gradient Ionogels for Highly Sensitive, Broad-Range Response, and Freeze/Heat-Resistant Ionic Fingers. <i>Advanced Materials</i> , 2021, 33, e2008486.	11.1	134

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19	A Superstrong and Reversible Ionic Crystal-Based Adhesive Inspired by Ice Adhesion. <i>Angewandte Chemie</i> , 2021, 133, 9030-9041.	1.6	15
20	Robust and High-Temperature-Resistant Nanofiber Membrane Separators for Li-Metal, Li-Sulfur, and Aqueous Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16289-16299.	4.0	30
21	A Superstrong and Reversible Ionic Crystal-Based Adhesive Inspired by Ice Adhesion. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8948-8959.	7.2	77
22	Poly(ionic liquid)/Ce-Based Antimicrobial Nanofibrous Membrane for Blocking Drug-Resistance Dissemination from MRSA-Infected Wounds. <i>Advanced Functional Materials</i> , 2021, 31, 2100336.	7.8	42
23	Shape- and Color-Switchable Polyurethane Thermochromic Actuators Based on Metal-Containing Ionic Liquids. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28878-28888.	4.0	12
24	Acridine-Based Covalent Organic Framework Photosensitizer with Broad-Spectrum Light Absorption for Antibacterial Photocatalytic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100775.	3.9	35
25	Highly Conductive and Dimensionally Stable Anion Exchange Membranes Based on Poly(dimethoxybenzene- <i>i>co</i>-methyl 4-formylbenzoate) Ionomers. <i>Macromolecules</i>, 2021, 54, 5557-5566.</i>	2.2	24
26	Ionic Liquid Electrolyte-Based Switchable Mirror with Fast Response and Improved Durability. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37339-37349.	4.0	13
27	Interaction Regulation Between Ionomer Binder and Catalyst: Active Triple-Phase Boundary and High Performance Catalyst Layer for Anion Exchange Membrane Fuel Cells. <i>Advanced Science</i> , 2021, 8, e2101744.	5.6	34
28	CO ₂ Ionized Poly(vinyl alcohol) Electrolyte for CO ₂ -Tolerant Zn-Air Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2102047.	10.2	32
29	Machine learning analysis and prediction models of alkaline anion exchange membranes for fuel cells. <i>Energy and Environmental Science</i> , 2021, 14, 3965-3975.	15.6	29
30	Antimonene-based flexible photodetector. <i>Nanoscale Horizons</i> , 2020, 5, 124-130.	4.1	51
31	Poly(ionic liquid) hydrogel-based anti-freezing ionic skin for a soft robotic gripper. <i>Materials Horizons</i> , 2020, 7, 919-927.	6.4	289
32	Imidazolium-based ionic polyurethanes with high toughness, tunable healing efficiency and antibacterial activities. <i>Polymer Chemistry</i> , 2020, 11, 867-875.	1.9	45
33	High-Voltage Resistant Ionic Liquids for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 591-600.	4.0	66
34	Printable UV-Light Sensor for Human Eye Protection. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1495-1503.	4.0	19
35	Active pharmaceutical ingredient poly(ionic liquid)-based microneedles for the treatment of skin acne infection. <i>Acta Biomaterialia</i> , 2020, 115, 136-147.	4.1	61
36	Imidazolium-type ionic liquid-based carbon quantum dot doped gels for information encryption. <i>Nanoscale</i> , 2020, 12, 20965-20972.	2.8	19

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37	ZIF-8@Poly(ionic liquid)-Grafted Cotton Cloth for Switchable Water/Oil Emulsion Separation. ACS Applied Polymer Materials, 2020, 2, 3433-3439.	2.0	11
38	Ionic Liquid/Poly(ionic liquid)-based Semi-solid State Electrolytes for Lithium-ion Batteries. Chinese Journal of Polymer Science (English Edition), 2020, 38, 506-513.	2.0	38
39	Flexible Electrochromic Zn Mirrors Based on Zn/Viologen Hybrid Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 5050-5055.	3.2	35
40	Poly(ionic liquid)-Based Conductive Interlayer as an Efficient Polysulfide Adsorbent for a Highly Stable Lithium-Sulfur Battery. ACS Sustainable Chemistry and Engineering, 2020, 8, 11396-11403.	3.2	25
41	Bipyridinium-Based Ionic Covalent Triazine Frameworks for CO ₂ , SO ₂ , and NO Capture. ACS Applied Materials & Interfaces, 2020, 12, 8614-8621.	4.0	65
42	Synthesis and characterization of main-chain type polyimidazolium-based alkaline anion exchange membranes. Journal of Membrane Science, 2020, 610, 118283.	4.1	33
43	Fluorescent Imidazolium-Type Poly(ionic liquid)s for Bacterial Imaging and Biofilm Inhibition. Biomacromolecules, 2019, 20, 3161-3170.	2.6	44
44	Aggregation-induced emission-based ionic liquids for bacterial killing, imaging, cell labeling, and bacterial detection in blood cells. Acta Biomaterialia, 2019, 97, 247-259.	4.1	40
45	Ionic liquid-based click-ionogels. Science Advances, 2019, 5, eaax0648.	4.7	230
46	Antibacterial Amino Acid-Based Poly(ionic liquid) Membranes: Effects of Chirality, Chemical Bonding Type, and Application for MRSA Skin Infections. ACS Applied Bio Materials, 2019, 2, 4418-4426.	2.3	26
47	Chemically grafting nanoscale UiO-66 onto polypyrrole nanotubes for long-life lithium-sulfur batteries. Chemical Communications, 2019, 55, 12108-12111.	2.2	55
48	Conductive, Stretchable, and Self-healing Ionic Gel Based on Dynamic Covalent Bonds and Electrostatic Interaction. Chinese Journal of Polymer Science (English Edition), 2019, 37, 1053-1059.	2.0	27
49	Porous nitrogen-doped carbon nanofibers assembled with nickel nanoparticles for lithium-sulfur batteries. Nanoscale, 2019, 11, 647-655.	2.8	66
50	Space-Confinement Synthesis of ZIF-67 Nanoparticles in Hollow Carbon Nanospheres for CO ₂ Adsorption. Small, 2019, 15, e1804874.	5.2	53
51	Poly(ionic liquid) Electrolytes for a Switchable Silver Mirror. ACS Applied Materials & Interfaces, 2019, 11, 20417-20424.	4.0	23
52	Bis-imidazolium based poly(phenylene oxide) anion exchange membranes for fuel cells: the effect of cross-linking. Journal of Materials Chemistry A, 2019, 7, 13275-13283.	5.2	112
53	Metal-containing Ionic Liquid/Polyacrylonitrile-derived Carbon Nanofibers for Oxygen Reduction Reaction and Flexible Zn-Air Battery. Chemistry - an Asian Journal, 2019, 14, 2008-2017.	1.7	18
54	Integrated Endotoxin Adsorption and Antibacterial Properties of Cationic Polyurethane Foams for Wound Healing. ACS Applied Materials & Interfaces, 2019, 11, 2860-2869.	4.0	67

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55	Redox-responsive ferrocene-containing poly(ionic liquid)s for antibacterial applications. <i>Science China Chemistry</i> , 2019, 62, 95-104.	4.2	20
56	Metal-Nitrogen-doped Porous Carbons Derived from Metal-Containing Ionic Liquids for Oxygen Reduction Reaction. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1029-1037.	1.7	8
57	Synthesis of ultrathin semicircle-shaped copper nanowires in ethanol solution for low haze flexible transparent conductors. <i>Nano Research</i> , 2018, 11, 3899-3910.	5.8	25
58	Rational Design of Fe ₃ O ₄ /Nitrogen and Sulfur-doped Porous Carbon with Enhanced Oxygen Reduction Reaction Catalytic Activity. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701641.	1.9	14
59	In Situ Growth of MnO ₂ Nanosheets on N-doped Carbon Nanotubes Derived from Polypyrrole Tubes for Supercapacitors. <i>Chemistry - an Asian Journal</i> , 2018, 13, 545-551.	1.7	23
60	Polypropylene Nonwoven Fabric@Poly(ionic liquid)s for Switchable Oil/Water Separation, Dye Absorption, and Antibacterial Applications. <i>ChemSusChem</i> , 2018, 11, 1092-1098.	3.6	55
61	Synthesis of Ultralong Copper Nanowires for High-Performance Flexible Transparent Conductive Electrodes: The Effects of Polyhydric Alcohols. <i>Langmuir</i> , 2018, 34, 3884-3893.	1.6	44
62	Electrospun N-doped Porous Carbon Nanofibers Incorporated with NiO Nanoparticles as Free-standing Film Electrodes for High-performance Supercapacitors and CO ₂ Capture. <i>Small</i> , 2018, 14, e1704203.	5.2	69
63	Anion-Exchange Membranes for Alkaline Fuel Cell Applications: The Effects of Cations. <i>ChemSusChem</i> , 2018, 11, 58-70.	3.6	194
64	Porous ionic polymers: Design, synthesis, and applications. <i>Progress in Polymer Science</i> , 2018, 79, 121-143.	11.8	161
65	Polymer Ionic Liquid Stabilized Black Phosphorus for Environmental Robust Flexible Optoelectronics. <i>Advanced Functional Materials</i> , 2018, 28, 1805311.	7.8	54
66	Antimicrobial anionic polymers: the effect of cations. <i>European Polymer Journal</i> , 2018, 107, 181-188.	2.6	24
67	Antibacterial activity of cationic polymers: side-chain or main-chain type?. <i>Polymer Chemistry</i> , 2018, 9, 4611-4616.	1.9	98
68	The Alkaline Stability of Anion Exchange Membrane for Fuel Cell Applications: The Effects of Alkaline Media. <i>Advanced Science</i> , 2018, 5, 1800065.	5.6	107
69	Dye-sensitized solar cells based on cobalt-containing room temperature ionic liquid redox shuttles. <i>RSC Advances</i> , 2017, 7, 13689-13695.	1.7	14
70	Frontiers in poly(ionic liquid)s: syntheses and applications. <i>Chemical Society Reviews</i> , 2017, 46, 1124-1159.	18.7	843
71	Zinc Ion Coordinated Poly(Ionic Liquid) Antimicrobial Membranes for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14656-14664.	4.0	94
72	Nitrogen-doped Graphitic Porous Carbon Nanosheets Derived from In Situ Formed g-C ₃ N ₄ Templates for the Oxygen Reduction Reaction. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1816-1823.	1.7	49

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73	Porous Poly(Ionic Liquid) Membranes as Efficient and Recyclable Absorbents for Heavy Metal Ions. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700151.	2.0	30
74	Nitrogen doped carbon materials derived from <i>Gentiana scabra</i> Bunge as high-performance catalysts for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2017, 41, 7392-7399.	1.4	23
75	Metal-Containing Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 922-928.	2.6	60
76	Polyanionic Antimicrobial Membranes: An Experimental and Theoretical Study. <i>Langmuir</i> , 2017, 33, 4346-4355.	1.6	33
77	Synthesis of Pyrrolidinium-Type Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10504-10511.	4.0	148
78	Plasmonic copper nanowire@TiO ₂ nanostructures for improving the performance of dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2017, 342, 292-300.	4.0	36
79	Ferric citrate-derived N-doped hierarchical porous carbons for oxygen reduction reaction and electrochemical supercapacitors. <i>Carbon</i> , 2017, 115, 1-10.	5.4	102
80	Thermo- and electro-dual responsive poly(ionic liquid) electrolyte based smart windows. <i>Chemical Communications</i> , 2017, 53, 1595-1598.	2.2	111
81	Recyclable and Intrinsically Anti-cyanobacterial Polyanionic Membranes. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2950-2955.	1.7	2
82	Flexible Photodetectors Based on Novel Functional Materials. <i>Small</i> , 2017, 13, 1701822.	5.2	259
83	Protonated g-C ₃ N ₄ @polypyrrole derived N-doped porous carbon for supercapacitors and oxygen electrocatalysis. <i>Carbon</i> , 2017, 124, 599-610.	5.4	94
84	Antimicrobial polyurethane foams having cationic ammonium groups. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45473.	1.3	23
85	One-Pot Synthesis and Purification of Ultralong Silver Nanowires for Flexible Transparent Conductive Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25465-25473.	4.0	145
86	CO ₂ Responsive Imidazolium-Type Poly(Ionic Liquid) Gels. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1194-1199.	2.0	30
87	Heteroatom-Containing Porous Carbons Derived from Ionic Liquid-Doped Alkali Organic Salts for Supercapacitors. <i>Small</i> , 2016, 12, 1935-1944.	5.2	56
88	Polymerized Paired Ions as Polymeric Ionic Liquid-Proton Conductivity. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1218-1225.	2.0	17
89	Structure-Antibacterial Activity Relationships of Imidazolium-Type Ionic Liquid Monomers, Poly(ionic liquid) Membranes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12684-12692.	4.0	240
90	Transfer-Printed PEDOT:PSS Electrodes Using Mild Acids for High Conductivity and Improved Stability with Application to Flexible Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14029-14036.	4.0	145

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91	Host-guest inclusion complexes derived heteroatom-doped porous carbon materials. <i>Carbon</i> , 2016, 105, 183-190.	5.4	42
92	Spirocyclic quaternary ammonium cations for alkaline anion exchange membrane applications: an experimental and theoretical study. <i>RSC Advances</i> , 2016, 6, 94387-94398.	1.7	43
93	Highly efficient dye-sensitized solar cells based on low concentration organic thiolate/disulfide redox couples. <i>RSC Advances</i> , 2016, 6, 70460-70467.	1.7	17
94	Ionic liquids and their solid-state analogues as materials for energy generation and storage. <i>Nature Reviews Materials</i> , 2016, 1, .	23.8	511
95	Plasmon-Induced Broadband Light Harvesting for Dye-Sensitized Solar Cells Using a Mixture of Gold Nanocrystals. <i>ChemSusChem</i> , 2016, 9, 813-819.	3.6	31
96	Inorganic salt templated porous TiO ₂ photoelectrode for solid-state dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 346-352.	1.7	9
97	Thermo- and pH-responsive poly(ionic liquid) membranes. <i>Polymer Chemistry</i> , 2016, 7, 1330-1336.	1.9	62
98	Condiment-Derived 3D Architecture Porous Carbon for Electrochemical Supercapacitors. <i>Small</i> , 2015, 11, 4959-4969.	5.2	109
99	Recent Applications of Graphene in Dye-sensitized Solar Cells. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 406-415.	3.4	31
100	Polymerization in ionic liquid-based microemulsions. <i>Polymer Chemistry</i> , 2015, 6, 4059-4066.	1.9	30
101	Intrinsically Antibacterial Poly(ionic liquid) Membranes: The Synergistic Effect of Anions. <i>ACS Macro Letters</i> , 2015, 4, 1094-1098.	2.3	124
102	A Review of Poly(Ionic Liquid)s Based Functional Materials. <i>Acta Chimica Sinica</i> , 2015, 73, 310.	0.5	10
103	Human hair-derived carbon flakes for electrochemical supercapacitors. <i>Energy and Environmental Science</i> , 2014, 7, 379-386.	15.6	907
104	Alkaline stable imidazolium-based ionomers containing poly(arylene ether sulfone) side chains for alkaline anion exchange membranes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4413.	5.2	73
105	Highly Stable N3-Substituted Imidazolium-Based Alkaline Anion Exchange Membranes: Experimental Studies and Theoretical Calculations. <i>Macromolecules</i> , 2014, 47, 208-216.	2.2	150
106	Base Stable Pyrrolidinium Cations for Alkaline Anion Exchange Membrane Applications. <i>Macromolecules</i> , 2014, 47, 6740-6747.	2.2	125
107	Flexible and voltage-switchable polymer velcro constructed using host-guest recognition between poly(ionic liquid) strips. <i>Chemical Science</i> , 2014, 5, 3261.	3.7	68
108	Effects of Substituents and Substitution Positions on Alkaline Stability of Imidazolium Cations and Their Corresponding Anion-Exchange Membranes. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4346-4355.	4.0	120

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109	Supramolecular Ionic Liquid Gels for Quasi-Solid-State Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8723-8728.	4.0	56
110	Multistimuli Responsive and Electroactive Supramolecular Gels Based on Ionic Liquid Gemini Guest. <i>ACS Macro Letters</i> , 2014, 3, 271-275.	2.3	61
111	Shape memory poly(ionic liquid) gels controlled by host-guest interaction with β -cyclodextrin. <i>Polymer</i> , 2014, 55, 3431-3435.	1.8	43
112	Imidazolium functionalized cobalt tris(bipyridyl) complex redox shuttles for high efficiency ionic liquid electrolyte dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11933.	5.2	44
113	Imidazolium functionalized TEMPO/iodide hybrid redox couple for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8759.	5.2	47
114	Porating Anion-Responsive Copolymeric Gels. <i>Langmuir</i> , 2013, 29, 12013-12024.	1.6	23
115	Self-assembly of amphiphilic random co-poly(ionic liquid)s: the effect of anions, molecular weight, and molecular weight distribution. <i>Polymer Chemistry</i> , 2013, 4, 4004.	1.9	59
116	Ionic liquid/poly(ionic liquid)-based electrolytes for energy devices. <i>Polymer International</i> , 2013, 62, 335-337.	1.6	80
117	Nitrogen-doped mesoporous carbons originated from ionic liquids as electrode materials for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6373.	5.2	130
118	Alkaline Stable C2-Substituted Imidazolium-Based Anion-Exchange Membranes. <i>Chemistry of Materials</i> , 2013, 25, 1858-1867.	3.2	267
119	Plastic reusable pH indicator strips: preparation via anion-exchange of poly(ionic liquids) with anionic dyes. <i>Polymer Chemistry</i> , 2013, 4, 1309.	1.9	57
120	Phosphoric acid-doped imidazolium ionomers with enhanced stability for anhydrous proton-exchange membrane applications. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1311-1317.	2.4	26
121	Polybenzimidazole/zwitterion-coated silica nanoparticle hybrid proton conducting membranes for anhydrous proton exchange membrane application. <i>Journal of Materials Chemistry</i> , 2012, 22, 18411.	6.7	51
122	Facile synthesis of nitrogen-doped carbon-Pt nanoparticle hybrids via carbonization of poly([Bvim][Br]-co-acrylonitrile) for electrocatalytic oxidation of methanol. <i>Journal of Materials Chemistry</i> , 2012, 22, 13578.	6.7	63
123	Bis-imidazolium-based anion-exchange membranes for alkaline fuel cells. <i>Journal of Power Sources</i> , 2012, 217, 329-335.	4.0	99
124	Alkaline imidazolium- and quaternary ammonium-functionalized anion exchange membranes for alkaline fuel cell applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 1040-1045.	6.7	179
125	Bis-imidazolium based poly(ionic liquid) electrolytes for quasi-solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18018.	6.7	135
126	Performance enhancement for quasi-solid-state dye-sensitized solar cells by using acid-oxidized carbon nanotube-based gel electrolytes. <i>Electrochimica Acta</i> , 2012, 61, 185-190.	2.6	47

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127	Ionic liquid-tethered nanoparticle/poly(ionic liquid) electrolytes for quasi-solid-state dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2012, 207, 216-221.	4.0	73
128	Low-Temperature AGET ATRP of Methyl Methacrylate in Ionic Liquid-Based Microemulsions. <i>Macromolecules</i> , 2011, 44, 7948-7955.	2.2	38
129	Fabrication of ionic liquid-functionalized polypyrrole nanotubes decorated with platinum nanoparticles and their electrocatalytic oxidation of methanol. <i>Chemical Communications</i> , 2011, 47, 2934.	2.2	78
130	A Soluble and Conductive Polyfluorene Ionomer with Pendant Imidazolium Groups for Alkaline Fuel Cell Applications. <i>Macromolecules</i> , 2011, 44, 9642-9649.	2.2	244
131	Solvent-free ionic liquid/poly(ionic liquid) electrolytes for quasi-solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 7326.	6.7	113
132	Macromolecular protic ionic liquid-based proton-conducting membranes for anhydrous proton exchange membrane application. <i>Journal of Power Sources</i> , 2011, 196, 7979-7984.	4.0	52
133	Synthesis of polymeric ionic liquid microsphere/Pt nanoparticle hybrids for electrocatalytic oxidation of methanol and catalytic oxidation of benzyl alcohol. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4531-4538.	2.5	55
134	Protic Ionic Liquid-Based Hybrid Proton-Conducting Membranes for Anhydrous Proton Exchange Membrane Application. <i>Chemistry of Materials</i> , 2010, 22, 1807-1813.	3.2	192
135	High Performance Cross-Linked Poly(2-acrylamido-2-methylpropanesulfonic acid)-Based Proton Exchange Membranes for Fuel Cells. <i>Macromolecules</i> , 2010, 43, 6398-6405.	2.2	78
136	Cross-Linked Alkaline Ionic Liquid-Based Polymer Electrolytes for Alkaline Fuel Cell Applications. <i>Chemistry of Materials</i> , 2010, 22, 6718-6725.	3.2	294
137	Sustainable Polymerizations in Recoverable Microemulsions. <i>Langmuir</i> , 2010, 26, 3803-3806.	1.6	40
138	Microemulsion polymerization of cationic pyrroles bearing an imidazolium-ionic liquid moiety. <i>Journal of Polymer Science Part A</i> , 2009, 47, 746-753.	2.5	52
139	Advanced applications of ionic liquids in polymer science. <i>Progress in Polymer Science</i> , 2009, 34, 431-448.	11.8	985
140	Enhanced Proton Conduction in Polymer Electrolyte Membranes as Synthesized by Polymerization of Protic Ionic Liquid-Based Microemulsions. <i>Chemistry of Materials</i> , 2009, 21, 1480-1484.	3.2	142
141	Polymerization of Ionic Liquid-Based Microemulsions: A Versatile Method for the Synthesis of Polymer Electrolytes. <i>Macromolecules</i> , 2008, 41, 3389-3392.	2.2	66
142	New high charge density polymers for printable electronics, sensors, batteries, and fuel cells. , 2008, , .		4
143	Solvent-Reversible Poration in Ionic Liquid Copolymers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2440-2443.	7.2	122
144	Capturing nanoscopic length scales and structures by polymerization in microemulsions. <i>Soft Matter</i> , 2006, 2, 109-118.	1.2	72

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145	Surfactant ionic liquid-based microemulsions for polymerization. <i>Chemical Communications</i> , 2006, , 2696.	2.2	194
146	Polymerization of and in mesophases. <i>Advances in Colloid and Interface Science</i> , 2006, 128-130, 27-35.	7.0	29