

# Ying-Ling Liu

## List of Publications by Year in descending order

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235  
papers

13,033  
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17405

63  
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30010

103  
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237  
docs citations

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times ranked

10571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gel Polymer Electrolytes Based on an Interconnected Porous Matrix Functionalized with Poly(ethylene glycol) Brushes Showing High Lithium Transference Numbers for High Charging-Rate Lithium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4904-4912.	3.2	2
2	Building up ion-conduction pathways in solid polymer electrolytes through surface and pore functionalization of PVDF porous membranes with ionic conductors. <i>Journal of Membrane Science</i> , 2022, 651, 120456.	4.1	9
3	Thermally stable, flame retardant, low dielectric constants, and flexible thermosetting resins based on a tetrafunctional benzoxazine compound possessing a cyclic siloxane core. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	15
4	Creation of water-permeation pathways with matrix-polymer functionalized carbon nanotubes in polymeric membranes for pervaporation desalination. , 2022, 2, 100027.		3
5	Preparation of polymers possessing dynamic N-hindered amide bonds through ketene-based chemistry for repairable anticorrosion coatings. <i>Materials Advances</i> , 2021, 2, 3993-3999.	2.6	2
6	Solid Polymer Electrolytes Based on Cross-Linked Polybenzoxazine Possessing Poly(ethylene oxide) Segments Enhancing Cycling Performance of Lithium Metal Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6274-6283.	3.2	19
7	Preparation of Meldrum's acid functionalized polyimides exhibiting organo-soluble, reactive, self-crosslinkable, and colorless features. <i>Journal of Polymer Science</i> , 2021, 59, 893-903.	2.0	6
8	2,2-Dimethyl-1,3-dioxane-4,6-dione functionalized poly(ethylene oxide)-based polyurethanes as multi-functional binders for silicon anodes of lithium ion batteries. <i>Electrochimica Acta</i> , 2021, 379, 138180.	2.6	13
9	Thermosetting resins from a tetrafunctional vinylbenzene compound possessing cyclic siloxane cores. <i>Journal of Polymer Science</i> , 2021, 59, 1912-1918.	2.0	3
10	A Self-Protection Effect of Monomers on Preventing Gelation in Synthesis of Main-Chain Polybenzoxazines with High Molecular Weights. <i>Macromolecules</i> , 2021, 54, 7434-7440.	2.2	7
11	Surface engineering through biomimicked structures and deprotonation of poly(vinyl alcohol) membranes for pervaporation desalination. <i>Journal of Membrane Science</i> , 2021, 637, 119670.	4.1	6
12	Crosslinked polyimide asymmetric membranes as thermally-stable separators with self-protective layers and inhibition of lithium dendrite growth for lithium metal battery. <i>Journal of Membrane Science</i> , 2021, 640, 119816.	4.1	19
13	Effect on thermal stability of microstructure and morphology of thermally-modified electrospun fibers of polybenzoxazines (PBz) blended with sulfur copolymers (SDIB). <i>RSC Advances</i> , 2021, 11, 10002-10009.	1.7	0
14	Employing lignin in the formation of the selective layer of thin-film composite membranes for pervaporation desalination. <i>Materials Advances</i> , 2021, 2, 3099-3106.	2.6	12
15	Self-polymerization of Meldrum's acid-amine compounds: an effective route to polyamides. <i>Polymer Chemistry</i> , 2021, 12, 291-298.	1.9	7
16	Self-crosslinkable polymers from furan-functionalized Meldrum's acid and maleimides as effective precursors of free-standing and flexible crosslinked polymer films showing low dielectric constants. <i>Polymer Chemistry</i> , 2020, 11, 1606-1613.	1.9	8
17	Creation of Lithium-Ion-Conducting Channels in Gel Polymer Electrolytes through Non-Solvent-Induced Phase Separation for High-Rate Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2138-2146.	3.2	18
18	Sulfur copolymers (SDIB) from inverse vulcanization of elemental sulfur (S8) for polymer blend. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 778, 012023.	0.3	2

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19	Electrochemical activation of polymer chains mediated with radical transfer reactions. <i>Chemical Communications</i> , 2020, 56, 2626-2629.	2.2	4
20	Nanocomposites of polybenzoxazine-functionalized multiwalled carbon nanotubes and polybenzoxazine for anticorrosion application. <i>Composites Science and Technology</i> , 2020, 194, 108169.	3.8	42
21	Effect of a direct sulfonation reaction on the functional properties of thermally-crosslinked electrospun polybenzoxazine (PBz) nanofibers. <i>RSC Advances</i> , 2020, 10, 14198-14207.	1.7	20
22	Improving barrier performance of transparent polymeric film using silk nanofibril combine graphene oxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 95, 332-340.	2.7	4
23	Preparation of Cross-Linkable Zwitterionic Polybenzoxazine with Sulfobetaine Groups and Corresponding Zwitterionic Thermosetting Resin for Antifouling Surface Coating. <i>ACS Applied Bio Materials</i> , 2019, 2, 3799-3807.	2.3	4
24	Cross-Linkable and Self-Foaming Polysulfide Materials for Repairable and Mercury Capture Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4515-4522.	3.2	45
25	Pebax/PEG Grafted CNT Hybrid Membranes for Enhanced CO <sub>2</sub> /N <sub>2</sub> Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 12226-12234.	1.8	43
26	Porous membranes of thermosetting polybenzoxazine resins with interconnected-pores for organic solvent microfiltration. <i>Journal of Membrane Science</i> , 2019, 586, 267-273.	4.1	11
27	Polymerization of Meldrum's Acid and Diisocyanate: An Effective Approach for Preparation of Reactive Polyamides and Polyurethanes. <i>ACS Omega</i> , 2019, 4, 7884-7890.	1.6	6
28	The Michael addition reaction of Meldrum's acid (MA): an effective route for the preparation of reactive precursors for MA-based thermosetting resins. <i>Polymer Chemistry</i> , 2019, 10, 1873-1881.	1.9	12
29	Lignin as an effective agent for increasing the separation performance of crosslinked polybenzoxazine based membranes in pervaporation dehydration application. <i>Journal of Membrane Science</i> , 2019, 578, 156-162.	4.1	19
30	A Sulfur Copolymers (SDIB)/Polybenzoxazines (PBz) Polymer Blend for Electrospinning of Nanofibers. <i>Nanomaterials</i> , 2019, 9, 1526.	1.9	4
31	Sulfur Radical Transfer and Coupling Reaction to Benzoxazine Groups: A New Reaction Route for Preparation of Polymeric Materials Using Elemental Sulfur as a Feedstock. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700832.	2.0	25
32	Organic solvent-resistant and thermally stable polymeric microfiltration membranes based on crosslinked polybenzoxazine for size-selective particle separation and gravity-driven separation on oil-water emulsions. <i>Journal of Membrane Science</i> , 2018, 550, 18-25.	4.1	35
33	Self-crosslinkable nitroxide-functionalized poly(2,6-dimethyl-1,4-phenylene oxide) through atom transfer radical coupling reaction. <i>Polymer</i> , 2018, 135, 154-161.	1.8	9
34	Effective Synthesis Route for Linear and Cross-Linked Biodegradable Polyesters Using Aliphatic Meldrum's Acid Derivatives as Monomers. <i>ACS Omega</i> , 2018, 3, 4641-4646.	1.6	7
35	Surface modification of porous substrates for oil/water separation using crosslinkable polybenzoxazine as an agent. <i>Journal of Membrane Science</i> , 2018, 546, 100-109.	4.1	47
36	Crosslinked polybenzoxazine coatings with hierarchical surface structures from a biomimicking process exhibiting high robustness and anticorrosion performance. <i>Polymer</i> , 2018, 155, 168-176.	1.8	21

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37	Self-crosslinkable and modifiable polysiloxanes possessing Meldrum's acid groups. <i>Polymer Chemistry</i> , 2018, 9, 4781-4788.	1.9	13
38	Magnetic field-assisted alignment of graphene oxide nanosheets in a polymer matrix to enhance ionic conduction. <i>Journal of Membrane Science</i> , 2018, 563, 259-269.	4.1	27
39	In situ crosslinking and micro-cavity generation in fabrication of polymeric membranes for pervaporation dehydration on methanol aqueous solutions. <i>Journal of Membrane Science</i> , 2018, 563, 371-379.	4.1	3
40	Crosslinked polybenzoxazine based membrane exhibiting in-situ self-promoted separation performance for pervaporation dehydration on isopropanol aqueous solutions. <i>Journal of Membrane Science</i> , 2017, 531, 10-15.	4.1	35
41	Reactive Hybrid of Polyhedral Oligomeric Silsesquioxane (POSS) and Sulfur as a Building Block for Self-Healing Materials. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700051.	2.0	39
42	A Cocatalytic Effect between Meldrum's Acid and Benzoxazine Compounds in Preparation of High Performance Thermosetting Resins. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600616.	2.0	14
43	Preparation of poly(styrenesulfonic acid) grafted Nafion with a Nafion-initiated atom transfer radical polymerization for proton exchange membranes. <i>RSC Advances</i> , 2017, 7, 37255-37260.	1.7	22
44	Thermosetting Resins Based on a Self-Crosslinkable Monomer/Polymer Possessing Meldrum's Acid Groups. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700147.	1.1	10
45	Macromol. Rapid Commun. 10/2017. <i>Macromolecular Rapid Communications</i> , 2017, 38, .	2.0	0
46	Furan-functionalized aniline trimer based self-healing polymers exhibiting high efficiency of anticorrosion. <i>Polymer</i> , 2017, 125, 227-233.	1.8	35
47	Self-healing polymeric materials for membrane separation: an example of a polybenzimidazole-based membrane for pervaporation dehydration on isopropanol aqueous solution. <i>RSC Advances</i> , 2017, 7, 38360-38366.	1.7	14
48	Crosslinked electrospun poly(vinylidene difluoride) fiber mat as a matrix of gel polymer electrolyte for fast-charging lithium-ion battery. <i>Electrochimica Acta</i> , 2017, 258, 1329-1335.	2.6	51
49	2,2,6,6-Tetramethylpiperidinyloxy (TEMPO) Functionalized Benzoxazines Prepared with a One-Pot Synthesis for Reactive/Crosslinkable Initiators of Nitroxide Mediated Polymerization. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700078.	2.0	4
50	Radical and Atom Transfer Halogenation (RATH): A Facile Route for Chemical and Polymer Functionalization. <i>Macromolecular Rapid Communications</i> , 2016, 37, 845-850.	2.0	11
51	A Thermally Stable, Combustion-Resistant, and Highly Ion-Conductive Separator for Lithium-Ion Batteries Based on Electrospun Fiber Mats of Crosslinked Polybenzoxazine. <i>Energy Technology</i> , 2016, 4, 551-557.	1.8	30
52	Nanohybrids of graphene oxide chemically-bonded with Nafion: Preparation and application for proton exchange membrane fuel cells. <i>Journal of Membrane Science</i> , 2016, 514, 86-94.	4.1	118
53	pH-Induced switches of the oil- and water-selectivity of crosslinked polymeric membranes for gravity-driven oil-water separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13543-13548.	5.2	78
54	High flux MWCNTs-interlinked GO hybrid membranes survived in cross-flow filtration for the treatment of strontium-containing wastewater. <i>Journal of Hazardous Materials</i> , 2016, 320, 187-193.	6.5	51

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55	A reactive blend of electroactive polymers exhibiting synergistic effects on self-healing and anticorrosion properties. RSC Advances, 2016, 6, 55593-55598.	1.7	13
56	Effective approaches for the preparation of organo-modified multi-walled carbon nanotubes and the corresponding MWCNT/polymer nanocomposites. Polymer Journal, 2016, 48, 351-358.	1.3	36
57	Multi-functional branched polysiloxanes polymers for high refractive index and flame retardant LED encapsulants. RSC Advances, 2016, 6, 4377-4381.	1.7	11
58	Highly conductive quasi-coaxial electrospun quaternized polyvinyl alcohol nanofibers and composite as high-performance solid electrolytes. Journal of Power Sources, 2016, 304, 136-145.	4.0	17
59	Alkaline direct ethanol fuel cell performance using alkali-impregnated polyvinyl alcohol/functionalized carbon nano-tube solid electrolytes. Journal of Power Sources, 2016, 303, 267-277.	4.0	58
60	Liberation of small molecules in polyimide membrane formation: An effect on gas separation properties. Journal of Membrane Science, 2016, 499, 20-27.	4.1	24
61	Fiber Mats: Robustly Blood-Inert and Shape-Reproducible Electrospun Polymeric Mats (Adv. Mater.) Tj ETQq1 1 0.784314 rgBJ <sub>0</sub> /Overlock	1.9	28
62	Robustly Blood-Inert and Shape-Reproducible Electrospun Polymeric Mats. Advanced Materials Interfaces, 2015, 2, 1500065.	1.9	28
63	Redox reaction mediated direct synthesis of hierarchical flower-like CuO spheres anchored on electrospun poly(vinylidene difluoride) fiber surfaces at low temperatures. RSC Advances, 2015, 5, 100228-100234.	1.7	7
64	Nitric oxide-releasing S-nitrosothiol-modified silica/chitosan core-shell nanoparticles. Polymer, 2015, 57, 70-76.	1.8	15
65	Atom Transfer Radical Addition/Polymerization of Perfluorosulfonic Acid Polymer with the C-F Bonds as Reactive Sites. ACS Macro Letters, 2015, 4, 197-201.	2.3	25
66	Preparation of self-healing organic-inorganic nanocomposites with the reactions between methacrylated polyhedral oligomeric silsesquioxanes and furfurylamine. Composites Science and Technology, 2015, 118, 236-243.	3.8	24
67	Thermosetting resins with high fractions of free volume and inherently low dielectric constants. Chemical Communications, 2015, 51, 12760-12763.	2.2	34
68	Hydrophilically surface-modified and crosslinked polybenzimidazole membranes for pervaporation dehydration on tetrahydrofuran aqueous solutions. Journal of Membrane Science, 2015, 475, 496-503.	4.1	24
69	Building up polymer architectures on graphene oxide sheet surfaces through sequential atom transfer radical polymerization. Journal of Polymer Science Part A, 2014, 52, 1588-1596.	2.5	21
70	Hydrophilic chitosan-modified polybenzimidazole membranes for pervaporation dehydration of isopropanol aqueous solutions. Journal of Membrane Science, 2014, 463, 17-23.	4.1	64
71	Composite membranes of Nafion and poly(styrene sulfonic acid)-grafted poly(vinylidene fluoride) electrospun nanofiber mats for fuel cells. Journal of Membrane Science, 2014, 466, 238-245.	4.1	52
72	Reaction mechanism and synergistic anticorrosion property of reactive blends of maleimide-containing benzoxazine and amine-capped aniline trimer. Polymer Chemistry, 2014, 5, 4235-4244.	1.9	64

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73	Direct Formation of <i>S</i> -Nitroso Silica Nanoparticles from a Single Silica Source. <i>Langmuir</i> , 2014, 30, 812-822.	1.6	24
74	Nafion-functionalized electrospun poly(vinylidene fluoride) (PVDF) nanofibers for high performance proton exchange membranes in fuel cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3783-3793.	5.2	135
75	Cross-Linking with Diamine Monomers To Prepare Composite Graphene Oxide-Framework Membranes with Varying <i>d</i> -Spacing. <i>Chemistry of Materials</i> , 2014, 26, 2983-2990.	3.2	644
76	Versatile Synthesis of Thiol- and Amine-Bifunctionalized Silica Nanoparticles Based on the Ouzo Effect. <i>Langmuir</i> , 2014, 30, 7676-7686.	1.6	28
77	Multiple stimuli-responsive poly(vinylidene fluoride) (PVDF) membrane exhibiting high efficiency of membrane clean in protein separation. <i>Journal of Membrane Science</i> , 2014, 450, 257-264.	4.1	39
78	Thermally stable polybenzimidazole/carbon nano-tube composites for alkaline direct methanol fuel cell applications. <i>Journal of Power Sources</i> , 2014, 246, 39-48.	4.0	61
79	Electrically Driven Biofouling Release of a Poly(tetrafluoroethylene) Membrane Modified with an Electrically Induced Reversibly Cross-Linked Polymer. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 9918-9925.	4.0	28
80	Synthesis and characterization of benzoxazine-containing, crosslinkable, and sulfonated polymer through Diels-Alder reaction for direct methanol fuel cells. <i>Polymer</i> , 2013, 54, 2096-2104.	1.8	13
81	Self-healing polymers based on thermally reversible Diels-Alder chemistry. <i>Polymer Chemistry</i> , 2013, 4, 2194.	1.9	530
82	Polyelectrolyte composite membranes of polybenzimidazole and crosslinked polybenzimidazole-polybenzoxazine electrospun nanofibers for proton exchange membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1171-1178.	5.2	103
83	Novel polyvinyl alcohol nanocomposites containing carbon nano-tubes with Fe <sub>3</sub> O <sub>4</sub> pendants for alkaline fuel cell applications. <i>Journal of Membrane Science</i> , 2013, 444, 41-49.	4.1	53
84	Direct borohydride fuel cell performance using hydroxide-conducting polymeric nanocomposite electrolytes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1779-1789.	2.4	30
85	Benzoxazine-containing branched polysiloxanes: Highly efficient reactive-type flame retardants and property enhancement agents for polymers. <i>Polymer</i> , 2013, 54, 2945-2951.	1.8	70
86	Nanocomposite membranes of Nafion and Fe <sub>3</sub> O <sub>4</sub> -anchored and Nafion-functionalized multiwalled carbon nanotubes exhibiting high proton conductivity and low methanol permeability for direct methanol fuel cells. <i>RSC Advances</i> , 2013, 3, 12895.	1.7	44
87	Diethylphosphonate-containing benzoxazine compound as a thermally latent catalyst and a reactive property modifier for polybenzoxazine-based resins. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3523-3530.	2.5	18
88	Electrically driven self-healing polymers based on reversible guest-host complexation of $\beta$ -cyclodextrin and ferrocene. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3395-3403.	2.5	52
89	Photoluminescent Toroids Formed by Temperature-Driven Self-Assembly of Rhodamine B End-Capped Poly( <i>N</i> -isopropylacrylamide). <i>Macromolecular Rapid Communications</i> , 2013, 34, 689-694.	2.0	10
90	A new class of highly-conducting polymer electrolyte membranes: Aromatic ABA triblock copolymers. <i>Energy and Environmental Science</i> , 2012, 5, 5346-5355.	15.6	131

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91	Developments of highly proton-conductive sulfonated polymers for proton exchange membrane fuel cells. <i>Polymer Chemistry</i> , 2012, 3, 1373.	1.9	103
92	Preparation of polybenzoxazine-functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles through in situ Diels-Alder polymerization for high performance magnetic polybenzoxazine/Fe <sub>3</sub> O <sub>4</sub> nanocomposites. <i>Composites Science and Technology</i> , 2012, 72, 1562-1567.	3.8	19
93	White-light fluorescent nanoparticles from self-assembly of rhodamine B-anchored amphiphilic poly(poly(ethylene glycol)methacrylate)-b-poly(glycidyl methacrylate) block copolymer. <i>Polymer</i> , 2012, 53, 4399-4406.	1.8	16
94	Matrix-polymer-functionalized multiwalled carbon nanotubes as a highly efficient toughening agent for matrix polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 1151-1155.	2.4	10
95	Poly(lactide)-functionalized and Fe <sub>3</sub> O <sub>4</sub> nanoparticle-decorated multiwalled carbon nanotubes for preparation of electrically-conductive and magnetic poly(lactide) films and electrospun nanofibers. <i>Journal of Materials Chemistry</i> , 2012, 22, 4855.	6.7	41
96	High-performance direct methanol alkaline fuel cells using potassium hydroxide-impregnated polyvinyl alcohol/carbon nano-tube electrolytes. <i>Journal of Power Sources</i> , 2012, 202, 1-10.	4.0	52
97	Polybenzimidazole (PBI)-functionalized silica nanoparticles modified PBI nanocomposite membranes for proton exchange membranes fuel cells. <i>Journal of Membrane Science</i> , 2012, 403-404, 1-7.	4.1	90
98	Benzoxazine-functionalized multi-walled carbon nanotubes for preparation of electrically-conductive polybenzoxazines. <i>Polymer</i> , 2012, 53, 106-112.	1.8	66
99	Poly(urethane/malonamide) dendritic structures featuring blocked/deblocked isocyanate units. <i>Polymer Chemistry</i> , 2011, 2, 1139-1145.	1.9	6
100	Densely Sulfophenylated Segmented Copoly(arylene ether sulfone) Proton Exchange Membranes. <i>Macromolecules</i> , 2011, 44, 4901-4910.	2.2	94
101	Hemocompatibility of Poly(vinylidene fluoride) Membrane Grafted with Network-Like and Brush-Like Antifouling Layer Controlled via Plasma-Induced Surface PEGylation. <i>Langmuir</i> , 2011, 27, 5445-5455.	1.6	102
102	Preparation and Toroid Formation of Multiblock Polystyrene/C <sub>60</sub> Nanohybrids. <i>Macromolecules</i> , 2011, 44, 5006-5012.	2.2	11
103	Electrical Conductivity Enhancement of Polymer/Multiwalled Carbon Nanotube (MWCNT) Composites by Thermally-Induced Defunctionalization of MWCNTs. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 2204-2208.	4.0	56
104	Polybenzimidazole membranes modified with polyelectrolyte-functionalized multiwalled carbon nanotubes for proton exchange membrane fuel cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 7480.	6.7	93
105	Sequential self-repetitive reaction toward wholly aromatic polyimides with highly stable optical nonlinearity. <i>Polymer Chemistry</i> , 2011, 2, 685-693.	1.9	21
106	Self-assembled benzoxazine-bridged polysilsesquioxanes exhibiting ultralow-dielectric constants and yellow-light photoluminescent emission. <i>Journal of Materials Chemistry</i> , 2011, 21, 7182.	6.7	68
107	Using a breath-figure method to self-organize honeycomb-like polymeric films from dendritic side-chain polymers. <i>Materials Chemistry and Physics</i> , 2011, 128, 157-165.	2.0	26
108	Core-shell silica@chitosan nanoparticles and hollow chitosan nanospheres using silica nanoparticles as templates: Preparation and ultrasound bubble application. <i>Carbohydrate Polymers</i> , 2011, 84, 770-774.	5.1	27

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109	UV-induced Rhodamine B Aggregation into Nanoparticles Exhibiting Reversible Changes of Yellow and White Light Photoluminescent Emissions. <i>Chemistry - A European Journal</i> , 2011, 17, 5522-5525.	1.7	14
110	Alkali doped polyvinyl alcohol/multi-walled carbon nano-tube electrolyte for direct methanol alkaline fuel cell. <i>Journal of Membrane Science</i> , 2011, 376, 225-232.	4.1	72
111	Preparation and properties of amphiphilic AB <sub>2</sub> Y-shaped poly(styrene)-poly(N-isopropylacrylamide) <sub>2</sub> copolymers through selective amidation and Michael additions reactions. <i>Reactive and Functional Polymers</i> , 2010, 70, 596-601.	2.0	6
112	Rhodamine B-anchored silica nanoparticles displaying white-light photoluminescence and their uses in preparations of photoluminescent polymeric films and nanofibers. <i>Journal of Colloid and Interface Science</i> , 2010, 350, 75-82.	5.0	32
113	The effect of side chain architectures on the properties and proton conductivities of poly(styrene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	4.1	25
114	Preparation, morphology, and ultra-low dielectric constants of benzoxazine-based polymers/polyhedral oligomeric silsesquioxane (POSS) nanocomposites. <i>Polymer</i> , 2010, 51, 5567-5575.	1.8	94
115	Effect of UV intensity on structure, water sorption, and transport properties of crosslinked N-vinyl-2-pyrrolidone/N,N'-methylenebisacrylamide films. <i>Journal of Membrane Science</i> , 2010, 348, 47-55.	4.1	12
116	Temperature-responsive poly(tetrafluoroethylene) membranes grafted with branched poly(N-isopropylacrylamide) chains. <i>Journal of Membrane Science</i> , 2010, 358, 60-66.	4.1	15
117	Functionalization of multi-walled carbon nanotubes with non-reactive polymers through an ozone-mediated process for the preparation of a wide range of high performance polymer/carbon nanotube composites. <i>Carbon</i> , 2010, 48, 1289-1297.	5.4	119
118	Surface-initiated atom transfer radical polymerization from porous poly(tetrafluoroethylene) membranes using the C <sub>18</sub> F groups as initiators. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2076-2083.	2.5	36
119	Preparation, characterization, and properties of fluorene-containing benzoxazine and its corresponding crosslinked polymer. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4020-4026.	2.5	45
120	Preparation and applications of Nafion-functionalized multiwalled carbon nanotubes for proton exchange membrane fuel cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 4409.	6.7	135
121	Preparation of Amphiphilic Polymer-Functionalized Carbon Nanotubes for Low-Protein-Adsorption Surfaces and Protein-Resistant Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 3642-3647.	4.0	28
122	Direct white light photoluminescent nanoparticles with one fluorophore. <i>Nanotechnology</i> , 2009, 20, 235704.	1.3	11
123	Increases in the proton conductivity and selectivity of proton exchange membranes for direct methanol fuel cells by formation of nanocomposites having proton conducting channels. <i>Journal of Power Sources</i> , 2009, 194, 206-213.	4.0	52
124	The facile synthesis and optical nonlinearity of hyperbranched polyaspartimides with azobenzene dyes. <i>Dyes and Pigments</i> , 2009, 82, 31-39.	2.0	17
125	Nonlinear optical, poly(amide-imide)-clay nanocomposites comprising an azobenzene moiety synthesised via sequential self-repetitive reaction. <i>Dyes and Pigments</i> , 2009, 82, 76-83.	2.0	17
126	Preparation and properties of chitosan/carbon nanotube nanocomposites using poly(styrene sulfonic) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.1	166



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127	Preparation and properties of nanocomposite membranes of polybenzimidazole/sulfonated silica nanoparticles for proton exchange membranes. <i>Journal of Membrane Science</i> , 2009, 332, 121-128.	4.1	122
128	Polymeric spheres on substrates from a spin-coating process. <i>Journal of Colloid and Interface Science</i> , 2009, 330, 73-76.	5.0	1
129	Functionalization of silica nanoparticles with 4-isocyanato-4-(3,3-dimethyl-2,4-dioxo-azetidino)diphenyl methane, surface chemical reactivity and nanohybrid preparation. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 189-194.	5.0	10
130	PTFE/polyamide thin-film composite membranes using PTFE films modified with ethylene diamine polymer and interfacial polymerization: Preparation and pervaporation application. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 260-267.	5.0	47
131	Preparation of dendron-like polystyrenes from atom transfer radical polymerization (ATRP) and direct chain-end functionalization. <i>Reactive and Functional Polymers</i> , 2009, 69, 424-428.	2.0	5
132	Functionalization of multi-walled carbon nanotubes with furan and maleimide compounds through Diels-Alder cycloaddition. <i>Carbon</i> , 2009, 47, 3041-3049.	5.4	101
133	Polyhedral oligomeric silsesquioxane nanocomposites exhibiting ultra-low dielectric constants through POSS orientation into lamellar structures. <i>Journal of Materials Chemistry</i> , 2009, 19, 3643.	6.7	47
134	Orderly Arranged NLO Materials Based on Chromophore-Containing Dendrons on Exfoliated Layered Templates. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 2371-2381.	4.0	18
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