

Hong Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

3,593
citations

33
h-index

54
g-index

158
ext. papers

4,535
ext. citations

6.2
avg, IF

5.81
L-index

#	Paper	IF	Citations
139	Electrode materials for flexible supercapacitor with real-time visual monitoring of potential. <i>Chemical Engineering Journal</i> , 2022 , 137330	14.7	1
138	Molecular Switches in Light-Responsive Liquid-Crystalline Polymer Actuators 2022 , 565-578		0
137	Light-driven continuous rotating MBius strip actuators. <i>Nature Communications</i> , 2021 , 12, 2334	17.4	19
136	Bioinspired Synergistic Photochromic Luminescence and Programmable Liquid Crystal Actuators. <i>Angewandte Chemie</i> , 2021 , 133, 11347-11351	3.6	13
135	Bioinspired Synergistic Photochromic Luminescence and Programmable Liquid Crystal Actuators. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11247-11251	16.4	48
134	Study on the influence of crosslinking density and free polysiloxan chain length on oxygen permeability and hydrophilicity of multicomponent silicone hydrogels. <i>Colloid and Polymer Science</i> , 2021 , 299, 1327-1335	2.4	4
133	Healable and Rearrangeable Networks of Liquid Crystal Elastomers Enabled by Diselenide Bonds. <i>Angewandte Chemie</i> , 2021 , 133, 16530-16534	3.6	4
132	Healable and Rearrangeable Networks of Liquid Crystal Elastomers Enabled by Diselenide Bonds. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16394-16398	16.4	27
131	Covalent Adaptable Liquid Crystal Networks Enabled by Reversible Ring-Opening Cascades of Cyclic Disulfides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12543-12551	16.4	24
130	Intelligent Surfaces Thermally Switchable between the Highly Rough and Entirely Smooth States. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021 , 39, 1609	3.5	2
129	Ionic crosslinked polymer as protective layer in electrochromic supercapacitors for improved electrochemical stability and ion transmission performance. <i>Electrochimica Acta</i> , 2021 , 365, 137373	6.7	4
128	Synthesis and Self-Assembly of Alternating Heterodinucleoside Polytriazoles. <i>Macromolecules</i> , 2021 , 54, 341-350	5.5	
127	A phase-dependent photoluminescent discotic liquid crystal bearing a graphdiyne substructure. <i>Chemical Communications</i> , 2021 , 57, 911-914	5.8	3
126	1,3,6,8-Pyrenetetrasulfonic acid anchored doping to prepare solution-processable polyaniline for electrochromic supercapacitors. <i>New Journal of Chemistry</i> , 2021 , 45, 8786-8794	3.6	1
125	Light-fueled transient supramolecular assemblies in water as fluorescence modulators. <i>Nature Communications</i> , 2021 , 12, 4993	17.4	15
124	Green synthesis of cellulose/graphene oxide/ZIF8 derived highly conductivity integrated film electrode for supercapacitor. <i>Carbon</i> , 2021 ,	10.4	1
123	A Liquid Crystal Elastomer-Based Unprecedented Two-Way Shape-Memory Aerogel. <i>Advanced Science</i> , 2021 , 8, e2102674	13.6	7

122	A new straightforward uncalcined approach for morphology modulating to enhance the electrical capacity performance of Co-MOF. <i>Electrochimica Acta</i> , 2021 , 389, 138684	6.7	5
121	Wire spherical-shaped Co-MOF electrode materials for high-performance all-solid-state flexible asymmetric supercapacitor device. <i>Journal of Alloys and Compounds</i> , 2021 , 879, 160423	5.7	9
120	Thermo- and Mechanochromic Camouflage and Self-Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202115755	16.4	5
119	Liquid crystal elastomer actuator with serpentine locomotion. <i>Chemical Communications</i> , 2020 , 56, 7597-7600	5.8	15
118	A copper(I)-catalyzed azide-alkyne click chemistry approach towards multifunctional two-way shape-memory actuators. <i>Polymer Chemistry</i> , 2020 , 11, 3747-3755	4.9	6
117	Physically and chemically dual-crosslinked hydrogels with superior mechanical properties and self-healing behavior. <i>New Journal of Chemistry</i> , 2020 , 44, 9903-9911	3.6	11
116	Nanoporous Supramolecular Liquid Crystal Polymeric Material for Specific and Selective Uptake of Melamine. <i>Macromolecules</i> , 2020 , 53, 4204-4213	5.5	7
115	Liquid Crystal Elastomer Electric Locomotives. <i>ACS Macro Letters</i> , 2020 , 9, 860-865	6.6	16
114	Solution-processable, hypercrosslinked polymer via post-crosslinking for electrochromic supercapacitor with outstanding electrochemical stability. <i>Solar Energy Materials and Solar Cells</i> , 2020 , 215, 110661	6.4	10
113	An Efficient Near-Infrared Emissive Artificial Supramolecular Light-Harvesting System for Imaging in the Golgi Apparatus. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10493-10497	16.4	55
112	An Efficient Near-Infrared Emissive Artificial Supramolecular Light-Harvesting System for Imaging in the Golgi Apparatus. <i>Angewandte Chemie</i> , 2020 , 132, 10579-10583	3.6	6
111	An Inverted load-strategy to fabricate interface-optimized flexible electrodes with superior electrochemical performance and ultrastability. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 11128-11137	7.1	
110	High-performance GdxSr1-xNiO3 porous nanofibers prepared by electrospinning for symmetric and asymmetric supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 140, 109361	3.9	7
109	Simultaneous Unlocking Optoelectronic and Interfacial Properties of C for Ultrasensitive Immunosensing by Coupling to Metal-Organic Framework. <i>Analytical Chemistry</i> , 2020 , 92, 983-990	7.8	33
108	Twisted ladder-like donor-acceptor polymers as electrode materials for flexible electrochromic supercapacitors. <i>Electrochimica Acta</i> , 2020 , 333, 135495	6.7	22
107	Novel aqueous nickel-bismuth batteries using NiMoO4@NiCo-layered double hydroxide heterostructure nanoarrays and Bi2O2CO3 microspheres as advanced electrode materials. <i>Electrochimica Acta</i> , 2019 , 323, 134819	6.7	10
106	Visible and infrared three-wavelength modulated multi-directional actuators. <i>Nature Communications</i> , 2019 , 10, 4539	17.4	83
105	A sulfur(VI) fluoride exchange click chemistry approach towards main chain liquid crystal polymers bearing sulfate ester groups. <i>Polymer Chemistry</i> , 2019 , 10, 3657-3664	4.9	3

104	An amplification strategy using DNA-Peptide dendrimer probe and mass spectrometry for sensitive MicroRNA detection in breast cancer. <i>Analytica Chimica Acta</i> , 2019 , 1069, 73-81	6.6	8
103	Luminescent liquid crystals bearing an aggregation-induced emission active tetraphenylthiophene fluorophore. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4828-4837	7.1	29
102	High energy density of polyimide composites containing one-dimensional BaTiO ₃ @ZrO ₂ nanofibers for energy storage device. <i>Journal of Alloys and Compounds</i> , 2019 , 789, 785-791	5.7	13
101	Interpenetrating Liquid-Crystal Polyurethane/Polyacrylate Elastomer with Ultrastrong Mechanical Property. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14364-14369	16.4	98
100	Poly[(side-on mesogen)-alt-(end-on mesogen)]: A Compromised Molecular Arrangement. <i>Macromolecules</i> , 2019 , 52, 5791-5800	5.5	7
99	The influences of poly (ethylene glycol) chain length on hydrophilicity, oxygen permeability, and mechanical properties of multicomponent silicone hydrogels. <i>Colloid and Polymer Science</i> , 2019 , 297, 1233-1243	2.4	5
98	Light-fuelled freestyle self-oscillators. <i>Nature Communications</i> , 2019 , 10, 5057	17.4	66
97	Synthesis, morphology and electrochemical performances of perovskite-type oxide La _x Sr _{1-x} FeO ₃ nanofibers prepared by electrospinning. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 124, 144-150	3.9	25
96	Oligodeoxynucleosides with Olefin Bridges. <i>Macromolecules</i> , 2019 , 52, 649-659	5.5	4
95	Photocontrol of helix handedness in curled liquid crystal elastomers. <i>Liquid Crystals</i> , 2019 , 46, 1231-1240	2.3	23
94	Bi ₂ O ₂ CO ₃ microspheres anchored on reduced graphene oxide nanosheets as electrode material for lithium ion batteries and supercapacitors. <i>Materials Letters</i> , 2019 , 240, 299-302	3.3	7
93	Fabrication and enhanced dielectric properties of polyimide matrix composites with core-shell structured CaCu ₃ Ti ₄ O ₁₂ @TiO ₂ nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 7842-7850	2.1	20
92	Advanced flower-like Co ₃ O ₄ with ultrathin nanosheets and 3D rGO aerogels as double ion-buffering reservoirs for asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2018 , 271, 379-387	6.7	36
91	Synthesis, structure and electrochemical properties of novel ternary composite reduced-graphene oxide/Ag nanoparticles/poly(p-phenylenediamine). <i>Journal of Alloys and Compounds</i> , 2018 , 749, 783-793	5.7	12
90	Thiol-ene photoimmobilization of chymotrypsin on polysiloxane gels for enzymatic peptide synthesis. <i>RSC Advances</i> , 2018 , 8, 11843-11849	3.7	1
89	Indeno[1,2-b]fluorene-based novel donor-acceptor conjugated copolymers: Electron acceptor engineering and polymer backbone planarization. <i>High Performance Polymers</i> , 2018 , 30, 192-201	1.6	4
88	A cut-and-paste strategy towards liquid crystal elastomers with complex shape morphing. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 8251-8257	7.1	24
87	Thienoisindigo-Based Polymers Bearing Diethynylbenzene and Diethynylanthracene Units for Thin Film Transistors and Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 5534-5541	1.3	2

86	High-performance double ion-buffering reservoirs of asymmetric supercapacitors based on flower-like CoO-G>N-PEGm microspheres and 3D rGO-CNT>N-PEGm aerogels. <i>Nanoscale</i> , 2018 , 10, 17293-17303	7.7	17
85	Ionic liquid embedded polyimides with ultra-foldability, ultra-flexibility, ultra-processability and superior optical transparency. <i>Polymer</i> , 2018 , 153, 538-547	3.9	8
84	Aggregation-Induced Emission Luminogen-Functionalized Liquid Crystal Elastomer Soft Actuators. <i>Macromolecules</i> , 2018 , 51, 4516-4524	5.5	34
83	Photomodulated Tricolor-Changing Artificial Flowers. <i>Chemistry of Materials</i> , 2018 , 30, 8079-8088	9.6	53
82	Long-term-stable, solution-processable, electrochromic carbon nanotubes/polymer composite for smart supercapacitor with wide working potential window. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18994-19003	13	39
81	Gradual Outside-inside strategy in construction of 3D flower-like Co ₃ O ₄ -CNT>N-PEGm hierarchical microspheres for supercapacitors. <i>Materials Today Energy</i> , 2018 , 9, 27-38	7	10
80	A room-temperature two-stage thiol-ene photoaddition approach towards monodomain liquid crystalline elastomers. <i>Polymer Chemistry</i> , 2017 , 8, 1364-1370	4.9	29
79	Single-layer dual-phase nematic elastomer films with bending, accordion-folding, curling and buckling motions. <i>Chemical Communications</i> , 2017 , 53, 1844-1847	5.8	24
78	The influence of molecular weight of siloxane macromere on phase separation morphology, oxygen permeability, and mechanical properties in multicomponent silicone hydrogels. <i>Colloid and Polymer Science</i> , 2017 , 295, 205-213	2.4	5
77	Novel ternary composites reduced-graphene oxide/zinc oxide/poly(p-phenylenediamine) for supercapacitor: Synthesis and properties. <i>Journal of Alloys and Compounds</i> , 2017 , 708, 787-795	5.7	31
76	Synthesis and Properties of Triphenodioxazine-Based Conjugated Polymers for Polymer Solar Cells. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 3689-3698	3.2	4
75	A room-temperature heptazine core discotic liquid crystal. <i>Liquid Crystals</i> , 2017 , 44, 2175-2183	2.3	9
74	A homeotropic main-chain tolane-type liquid crystal elastomer film exhibiting high anisotropic thermal conductivity. <i>Soft Matter</i> , 2017 , 13, 5463-5468	3.6	21
73	Enhanced energy density and thermostability in polyimide nanocomposites containing core-shell structured BaTiO ₃ @SiO ₂ nanofibers. <i>Applied Surface Science</i> , 2017 , 426, 437-445	6.7	54
72	Hydrogen-bonding induced melamine-core supramolecular discotic liquid crystals. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9165-9173	7.1	17
71	Near-Infrared Chromophore Functionalized Soft Actuator with Ultrafast Photoresponsive Speed and Superior Mechanical Property. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11333-11336	16.4	125
70	Porous WO ₃ @CuO composites derived from polyoxometalates@metal organic frameworks for supercapacitor. <i>Materials Letters</i> , 2017 , 206, 91-94	3.3	34
69	Phenoxazine-Based Conjugated Ladder Polymers as Novel Electrode Materials for Supercapacitors. <i>ChemElectroChem</i> , 2016 , 3, 1837-1846	4.3	3

68	An entropy-driven ring-opening metathesis polymerization approach towards main-chain liquid crystalline polymers. <i>Polymer Chemistry</i> , 2016 , 7, 5265-5272	4.9	7
67	Solution-processable small molecule semiconductors based on pyrene-fused bisimidazole and influence of alkyl side-chain on the charge transport. <i>RSC Advances</i> , 2016 , 6, 69277-69281	3.7	7
66	Amphiphilic Diblock Co-polymers Bearing a Cysteine Junction Group: Synthesis, Encapsulation of Inorganic Nanoparticles, and Near-Infrared Photoresponsive Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 18197-18207	4.8	4
65	Generation of liquid crystallinity from a Td-symmetry central unit. <i>Soft Matter</i> , 2016 , 12, 6148-56	3.6	11
64	All-solid-state asymmetric supercapacitors based on ZnO quantum dots/carbon/CNT and porous N-doped carbon/CNT electrodes derived from a single ZIF-8/CNT template. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10282-10293	13	92
63	Photo-responsive polysiloxane-based azobenzene liquid crystalline polymers prepared by thiol-ene click chemistry. <i>Liquid Crystals</i> , 2016 , 43, 1626-1635	2.3	25
62	Polyoxometalates@Metal-Organic Frameworks Derived Porous MoO ₃ @CuO as Electrodes for Symmetric All-Solid-State Supercapacitor. <i>Electrochimica Acta</i> , 2016 , 191, 795-804	6.7	64
61	Multi-Stimuli Responsive Carbon Nanotube Incorporated Polysiloxane Azobenzene Liquid Crystalline Elastomer Composites. <i>Macromolecules</i> , 2016 , 49, 663-671	5.5	83
60	MoO ₂ @Cu@C Composites Prepared by Using Polyoxometalates@Metal-Organic Frameworks as Template for All-Solid-State Flexible Supercapacitor. <i>Electrochimica Acta</i> , 2016 , 188, 490-498	6.7	87
59	Conjugated polymers constructed by a novel pyrene-fused polycyclic building block and their applications as organic electronic materials. <i>Dyes and Pigments</i> , 2016 , 130, 16-23	4.6	4
58	Homeotropically-aligned main-chain and side-on liquid crystalline elastomer films with high anisotropic thermal conductivities. <i>Chemical Communications</i> , 2016 , 52, 4313-6	5.8	29
57	A plant tendril mimic soft actuator with phototunable bending and chiral twisting motion modes. <i>Nature Communications</i> , 2016 , 7, 13981	17.4	148
56	A calamitic mesogenic near-infrared absorbing croconaine dye/liquid crystalline elastomer composite. <i>Chemical Science</i> , 2016 , 7, 4400-4406	9.4	50
55	Near-Infrared Responsive Liquid Crystalline Elastomers Containing Photothermal Conjugated Polymers. <i>Macromolecules</i> , 2016 , 49, 4023-4030	5.5	59
54	Functionalization of side chain terminals with fused aromatic rings in carbazole diketopyrrolopyrrole based conjugated polymers for improved charge transport properties. <i>RSC Advances</i> , 2016 , 6, 97783-97790	3.7	2
53	Design, synthesis, and photosensitive performance of polymethacrylate-positive photoresist-bearing o-nitrobenzyl group. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	2
52	Hydrothermal synthesis of Ni-doped hierarchically porous carbon monoliths for hydrogen storage. <i>Journal of Porous Materials</i> , 2015 , 22, 1417-1422	2.4	8
51	Poly(vinyl benzoate)-backbone mesogen-jacketed liquid crystalline polymers. <i>Polymer Chemistry</i> , 2015 , 6, 6709-6719	4.9	6

50	Side chain liquid crystalline polymers with an optically active polynorbornene backbone and achiral mesogenic side groups. <i>Polymer Chemistry</i> , 2015 , 6, 5281-5287	4.9	16
49	Near-infrared-responsive gold nanorod/liquid crystalline elastomer composites prepared by sequential thiol-click chemistry. <i>Chemical Communications</i> , 2015 , 51, 12126-9	5.8	68
48	Systematic structure modification of a low bandgap conjugated polymer improves thin film morphology and photovoltaic performance by incorporating naphthalene into side chains. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7669-7676	7.1	7
47	Carbon nanotubes@metal-organic frameworks as Mn-based symmetrical supercapacitor electrodes for enhanced charge storage. <i>RSC Advances</i> , 2015 , 5, 58100-58106	3.7	106
46	Synthesis, structure and electrochemical properties of lanthanum manganese nanofibers doped with Sr and Cu. <i>Journal of Alloys and Compounds</i> , 2015 , 638, 204-213	5.7	48
45	Novel crosslinked lyotropic liquid crystal materials based on acrylate-type gemini ammonium surfactant. <i>Liquid Crystals</i> , 2015 , 42, 520-529	2.3	4
44	One-pot synthesis and electrochemical properties of graphene/SnO ₂ /poly (p-phenylenediamine) ternary nanocomposites. <i>Journal of Alloys and Compounds</i> , 2015 , 652, 9-17	5.7	8
43	Symmetric/Asymmetric Supercapacitor Based on the Perovskite-type Lanthanum Cobaltate Nanofibers with Sr-substitution.. <i>Electrochimica Acta</i> , 2015 , 178, 398-406	6.7	81
42	Polysiloxane side-chain liquid crystalline polymers prepared by alkyne hydrosilylation. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 1431-1441	3.5	9
41	Synthesis of ternary graphene/molybdenum oxide/poly(p-phenylenediamine) nanocomposites for symmetric supercapacitors. <i>RSC Advances</i> , 2015 , 5, 98278-98287	3.7	13
40	Organocatalysis in polysiloxane gels: a magnetic-stir-bar encapsulated catalyst system prepared by thiol-ene photo-click immobilization. <i>RSC Advances</i> , 2015 , 5, 7304-7310	3.7	18
39	Hierarchically porous graphitic carbon monoliths containing nickel nanoparticles as magnetically separable adsorbents for dyes. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	4
38	Structure, morphology and electrochemical properties of La _x Sr _{1-x} Co _{0.1} Mn _{0.9} O ₃ perovskite nanofibers prepared by electrospinning method. <i>Journal of Alloys and Compounds</i> , 2015 , 624, 31-39	5.7	55
37	Synthesis and characterization of methacrylate matrix resin bearing o-nitrobenzyl group. <i>Journal of Central South University</i> , 2015 , 22, 3296-3301	2.1	2
36	Side chain engineering and conjugation enhancement of benzodithiophene and phenanthrenequinoline based conjugated polymers for photovoltaic devices. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1915-1926	2.5	12
35	Solution processable low bandgap thienoisindigo-based small molecules for organic electronic devices. <i>RSC Advances</i> , 2015 , 5, 50098-50104	3.7	17
34	Sr-doped Lanthanum Nickelate Nanofibers for High Energy Density Supercapacitors. <i>Electrochimica Acta</i> , 2015 , 174, 41-50	6.7	91
33	Enhanced dielectric properties of amino-modified-CNT/polyimide composite films with a sandwich structure. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14118	13	117

32	Synthesis and supercapacitive performance of hierarchically porous graphitic carbon monoliths containing cobalt nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2014 , 200, 245-252	5.3	13
31	Influence of curing temperature on properties of the polyacrylonitrile/polyimide composite films. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	3
30	Side-on main-chain liquid crystalline polymers prepared by acyclic diene metathesis polymerization and thiol-ene click step-growth polymerization. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1086-1098	2.5	15
29	Magnetically-separable hierarchically porous carbon monoliths with partially graphitized structures as excellent adsorbents for dyes. <i>Journal of Porous Materials</i> , 2014 , 21, 933-938	2.4	8
28	Liquid Crystalline Elastomers 2014 , 1-31		
27	Recent Progress in Side-Chain Engineering of Organic Photovoltaic Conjugated Polymer. <i>Chinese Journal of Organic Chemistry</i> , 2014 , 34, 1701	3	5
26	Synthesis, photophysical properties and microphase separation of all-conjugated diblock copolymers with hydrophilic side chains. <i>Polymer International</i> , 2013 , 62, 204-209	3.3	3
25	A new method to make polymers with flexible main chains and photoelectric pendants for organic semiconductors. <i>Polymer Chemistry</i> , 2013 , 4, 4245	4.9	5
24	Enhanced emission from acceptor in the annealed film of all-conjugated diblock copolymer. <i>Physica B: Condensed Matter</i> , 2013 , 420, 49-53	2.8	
23	Generalized Langevin-Debye model of the field dependence of tilt, birefringence, and polarization current near the de Vries smectic-A* to smectic-C* liquid crystal phase transition. <i>Physical Review E</i> , 2013 , 88, 062504	2.4	22
22	Preparation and sintering properties in air of silver-coated copper powders and pastes. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 4913-4918	2.1	7
21	Mesogen-jacketed liquid crystalline polymers and elastomers bearing polynorbornene backbone. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1482	7.1	24
20	Synthesis of novel poly(ester amine) dendrimers by Michael addition and acrylate esterification. <i>Designed Monomers and Polymers</i> , 2013 , 16, 67-71	3.1	7
19	Fluorescence quenching of conjugated polymer by coupling plasmonic silver nanocap array. <i>Solid State Sciences</i> , 2013 , 21, 106-109	3.4	1
18	Polysiloxane-Based Liquid Crystalline Polymers and Elastomers Prepared by Thiol-ene Chemistry. <i>Macromolecules</i> , 2013 , 46, 3406-3416	5.5	71
17	Dramatic enhancement of carbon nanotube dispersion in polyimide composites by a two-step amino functionalization approach. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 3449-3457	2.5	8
16	Synthesis of UV-curable hyperbranched polyurethane (meth)acrylate oligomers via thiol-ene click chemistry. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 4261-4270	2.9	17
15	Microstructured Nematic Liquid Crystalline Elastomer Surfaces with Switchable Wetting Properties. <i>Advanced Functional Materials</i> , 2013 , 23, 3070-3076	15.6	52

14	A simple theoretical approach to the band gaps of conjugated polymers. <i>Molecular Simulation</i> , 2013 , 39, 1022-1033	2	
13	The Functionalization of Graphene and Graphene Oxide via Click Chemistry. <i>Acta Chimica Sinica</i> , 2013 , 71, 20130901	3.3	7
12	Improved bulk-heterojunction polymer solar cell performance through optimization of the linker group in donor-acceptor conjugated polymer. <i>Polymer</i> , 2012 , 53, 1535-1542	3.9	20
11	Synthesis and properties of UV-curable hyperbranched polyurethane acrylate oligomers containing carboxyl groups. <i>Polymer Bulletin</i> , 2012 , 68, 1009-1022	2.4	19
10	Thermo-sensitive electrospun fibers prepared by a sequential thiol-ene click chemistry approach. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4182-4190	2.5	34
9	Micron-sized liquid crystalline elastomer actuators. <i>Soft Matter</i> , 2011 , 7, 815-823	3.6	111
8	Novel Photolabile Diblock Copolymers Bearing Truxillic Acid Derivative Junctions. <i>Macromolecules</i> , 2011 , 44, 159-165	5.5	51
7	Synthesis and physical properties of a main-chain chiral smectic thiol-ene oligomer. <i>Liquid Crystals</i> , 2010 , 37, 325-334	2.3	9
6	Amphiphilic Poly(ethylene oxide)-block-poly(butadiene-graft-liquid crystal) Copolymers: Synthesis and Self-Assembly in Water. <i>Macromolecules</i> , 2010 , 43, 10442-10451	5.5	30
5	A main-chain de vries smectic liquid crystal polymer prepared by hoveyda-grubbs catalyst initiated acyclic diene metathesis polymerization. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1894-9	4.8	9
4	Micron-sized main-chain liquid crystalline elastomer actuators with ultralarge amplitude contractions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15000-4	16.4	216
3	Novel liquid-crystalline mesogens and main-chain chiral smectic thiol-ene polymers based on trifluoromethylphenyl moieties. <i>Journal of Materials Chemistry</i> , 2009 , 19, 7208		28
2	Main-Chain Chiral Smectic Polymers Showing a Large Electroclinic Effect in the SmA* Phase. <i>Chemistry of Materials</i> , 2006 , 18, 4576-4584	9.6	29
1	An ultrahigh fatigue resistant liquid crystal elastomer-based material enabled by liquid metal. <i>Science China Materials</i> , 1	7.1	0