Hong Yang

List of Publications by Year
in descending order

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155 papers	5,550 citations	71097 41 h-index	95259 68 g-index
160 all docs	160 docs citations	160 times ranked	5002 citing authors

#	Article	IF	Citations
1	Micron-Sized Main-Chain Liquid Crystalline Elastomer Actuators with Ultralarge Amplitude Contractions. Journal of the American Chemical Society, 2009, 131, 15000-15004.	13.7	248
2	A plant tendril mimic soft actuator with phototunable bending and chiral twisting motion modes. Nature Communications, 2016, 7, 13981.	12.8	206
3	Near-Infrared Chromophore Functionalized Soft Actuator with Ultrafast Photoresponsive Speed and Superior Mechanical Property. Journal of the American Chemical Society, 2017, 139, 11333-11336.	13.7	180
4	Interpenetrating Liquid-Crystal Polyurethane/Polyacrylate Elastomer with Ultrastrong Mechanical Property. Journal of the American Chemical Society, 2019, 141, 14364-14369.	13.7	178
5	Visible and infrared three-wavelength modulated multi-directional actuators. Nature Communications, 2019, 10, 4539.	12.8	155
6	Carbon nanotubes@metalâ€“organic frameworks as Mn-based symmetrical supercapacitor electrodes for enhanced charge storage. RSC Advances, 2015, 5, 58100-58106.	3.6	152
7	Enhanced dielectric properties of amino-modified-CNT/polyimide composite films with a sandwich structure. Journal of Materials Chemistry A, 2014, 2, 14118.	10.3	148
8	Light-fuelled freestyle self-oscillators. Nature Communications, 2019, 10, 5057.	12.8	142
9	Bioinspired Synergistic Photochromic Luminescence and Programmable Liquid Crystal Actuators. Angewandte Chemie - International Edition, 2021, 60, 11247-11251.	13.8	125
10	Micron-sized liquid crystalline elastomer actuators. Soft Matter, 2011, 7, 815-823.	2.7	120
11	Sr-doped Lanthanum Nickelate Nanofibers for High Energy Density Supercapacitors. Electrochimica Acta, 2015, 174, 41-50.	5.2	116
12	Symmetric/Asymmetric Supercapacitor Based on the Perovskite-type Lanthanum Cobaltate Nanofibers with Sr-substitution.. Electrochimica Acta, 2015, 178, 398-406.	5.2	116
13	An Efficient Nearâ€Infrared Emissive Artificial Supramolecular Lightâ€Harvesting System for Imaging in the Golgi Apparatus. Angewandte Chemie - International Edition, 2020, 59, 10493-10497.	13.8	116
14	Multi-Stimuli Responsive Carbon Nanotube Incorporated Polysiloxane Azobenzene Liquid Crystalline Elastomer Composites. Macromolecules, 2016, 49, 663-671.	4.8	112
15	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. Journal of Materials Chemistry A, 2016, 4, 10282-10293.	10.3	109
16	MoO 2 @Cu@C Composites Prepared by Using Polyoxometalates@Metal-Organic Frameworks as Template for All-Solid-State Flexible Supercapacitor. Electrochimica Acta, 2016, 188, 490-498.	5.2	102
17	Covalent Adaptable Liquid Crystal Networks Enabled by Reversible Ring-Opening Cascades of Cyclic Disulfides. Journal of the American Chemical Society, 2021, 143, 12543-12551.	13.7	101
18	Healable and Rearrangeable Networks of Liquid Crystal Elastomers Enabled by Diselenide Bonds. Angewandte Chemie - International Edition, 2021, 60, 16394-16398.	13.8	92

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19	Thermoâ€•and Mechanochromic Camouflage and Selfâ€Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie - International Edition, 2022, 61, e202115755.	13.8	90
20	Polysiloxane-Based Liquid Crystalline Polymers and Elastomers Prepared by Thiolâ€“Ene Chemistry. Macromolecules, 2013, 46, 3406-3416.	4.8	88
21	Polyoxometalates@Metal-Organic Frameworks Derived Porous MoO3@CuO as Electrodes for Symmetric All-Solid-State Supercapacitor. Electrochimica Acta, 2016, 191, 795-804.	5.2	78
22	Near-infrared-responsive gold nanorod/liquid crystalline elastomer composites prepared by sequential thiol-click chemistry. Chemical Communications, 2015, 51, 12126-12129.	4.1	77
23	Near-Infrared Responsive Liquid Crystalline Elastomers Containing Photothermal Conjugated Polymers. Macromolecules, 2016, 49, 4023-4030.	4.8	76
24	Enhanced energy density and thermostability in polyimide nanocomposites containing core-shell structured BaTiO 3 @SiO 2 nanofibers. Applied Surface Science, 2017, 426, 437-445.	6.1	74
25	Photomodulated Tricolor-Changing Artificial Flowers. Chemistry of Materials, 2018, 30, 8079-8088.	6.7	71
26	Light-driven continuous rotating MÃ¶bius strip actuators. Nature Communications, 2021, 12, 2334.	12.8	69
27	Structure, morphology and electrochemical properties of LaxSr1â^'xCo0.1Mn0.9O3â^'Î´ perovskite nanofibers prepared by electrospinning method. Journal of Alloys and Compounds, 2015, 624, 31-39.	5.5	68
28	Microstructured Nematic Liquid Crystalline Elastomer Surfaces with Switchable Wetting Properties. Advanced Functional Materials, 2013, 23, 3070-3076.	14.9	63
29	Synthesis, structure and electrochemical properties of lanthanum manganese nanofibers doped with Sr and Cu. Journal of Alloys and Compounds, 2015, 638, 204-213.	5.5	62
30	A calamitic mesogenic near-infrared absorbing croconaine dye/liquid crystalline elastomer composite. Chemical Science, 2016, 7, 4400-4406.	7.4	61
31	Simultaneous Unlocking Optoelectronic and Interfacial Properties of C₆₀ for Ultrasensitive Immunosensing by Coupling to Metalâ€“Organic Framework. Analytical Chemistry, 2020, 92, 983-990.	6.5	59
32	Light-fueled transient supramolecular assemblies in water as fluorescence modulators. Nature Communications, 2021, 12, 4993.	12.8	56
33	Long-term-stable, solution-processable, electrochromic carbon nanotubes/polymer composite for smart supercapacitor with wide working potential window. Journal of Materials Chemistry A, 2018, 6, 18994-19003.	10.3	55
34	Liquid Crystal Elastomer Electric Locomotives. ACS Macro Letters, 2020, 9, 860-865.	4.8	55
35	Aggregation-Induced Emission Luminogen-Functionalized Liquid Crystal Elastomer Soft Actuators. Macromolecules, 2018, 51, 4516-4524.	4.8	54
36	Novel Photolabile Diblock Copolymers Bearing Truxillic Acid Derivative Junctions. Macromolecules, 2011, 44, 159-165.	4.8	52

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37	Advanced flower-like Co3O4 with ultrathin nanosheets and 3D rGO aerogels as double ion-buffering reservoirs for asymmetric supercapacitors. Electrochimica Acta, 2018, 271, 379-387.	5.2	48
38	Twisted ladder-like donor-acceptor polymers as electrode materials for flexible electrochromic supercapacitors. Electrochimica Acta, 2020, 333, 135495.	5.2	45
39	Porous WO 3 @CuO composites derived from polyoxometalates@metal organic frameworks for supercapacitor. Materials Letters, 2017, 206, 91-94.	2.6	44
40	A room-temperature two-stage thiolâ€“ene photoaddition approach towards monodomain liquid crystalline elastomers. Polymer Chemistry, 2017, 8, 1364-1370.	3.9	43
41	Synthesis, morphology and electrochemical performances of perovskite-type oxide LaxSr1-xFeO3 nanofibers prepared by electrospinning. Journal of Physics and Chemistry of Solids, 2019, 124, 144-150.	4.0	43
42	Light-activated photodeformable supramolecular dissipative self-assemblies. Nature Communications, 2022, 13, .	12.8	43
43	Homeotropically-aligned main-chain and side-on liquid crystalline elastomer films with high anisotropic thermal conductivities. Chemical Communications, 2016, 52, 4313-4316.	4.1	41
44	Luminescent liquid crystals bearing an aggregation-induced emission active tetraphenylthiophene fluorophore. Journal of Materials Chemistry C, 2019, 7, 4828-4837.	5.5	41
45	A homeotropic main-chain tolane-type liquid crystal elastomer film exhibiting high anisotropic thermal conductivity. Soft Matter, 2017, 13, 5463-5468.	2.7	38
46	A cut-and-paste strategy towards liquid crystal elastomers with complex shape morphing. Journal of Materials Chemistry C, 2018, 6, 8251-8257.	5.5	38
47	Thermoâ€sensitive electrospun fibers prepared by a sequential thiolâ€ene click chemistry approach. Journal of Polymer Science Part A, 2012, 50, 4182-4190.	2.3	36
48	Novel ternary composites reduced-graphene oxide/zine oxide/poly(p-phenylenediamine) for supercapacitor: Synthesis and properties. Journal of Alloys and Compounds, 2017, 708, 787-795.	5.5	36
49	Wire spherical-shaped Co-MOF electrode materials for high-performance all-solid-state flexible asymmetric supercapacitor device. Journal of Alloys and Compounds, 2021, 879, 160423.	5.5	35
50	Liquid crystal elastomer actuator with serpentine locomotion. Chemical Communications, 2020, 56, 7597-7600.	4.1	34
51	Amphiphilic Poly(ethylene oxide)-block-poly(butadiene-graft-liquid crystal) Copolymers: Synthesis and Self-Assembly in Water. Macromolecules, 2010, 43, 10442-10451.	4.8	33
52	Main-Chain Chiral Smectic Polymers Showing a Large Electroclinic Effect in the SmA* Phase. Chemistry of Materials, 2006, 18, 4576-4584.	6.7	31
53	Single-layer dual-phase nematic elastomer films with bending, accordion-folding, curling and buckling motions. Chemical Communications, 2017, 53, 1844-1847.	4.1	30
54	Novel liquid-crystalline mesogens and main-chain chiral smectic thiol-ene polymers based on trifluoromethylphenyl moieties. Journal of Materials Chemistry, 2009, 19, 7208.	6.7	29

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55	Photocontrol of helix handedness in curled liquid crystal elastomers. Liquid Crystals, 2019, 46, 1231-1240.	2.2	29
56	Photo-responsive polysiloxane-based azobenzene liquid crystalline polymers prepared by thiol-ene click chemistry. Liquid Crystals, 2016, 43, 1626-1635.	2.2	28
57	Fabrication and enhanced dielectric properties of polyimide matrix composites with coreâ€“shell structured CaCu3Ti4O12@TiO2 nanofibers. Journal of Materials Science: Materials in Electronics, 2018, 29, 7842-7850.	2.2	28
58	High energy density of polyimide composites containing one-dimensional BaTiO3@ZrO2 nanofibers for energy storage device. Journal of Alloys and Compounds, 2019, 789, 785-791.	5.5	28
59	Solution-processable, hypercrosslinked polymer via post-crosslinking for electrochromic supercapacitor with outstanding electrochemical stability. Solar Energy Materials and Solar Cells, 2020, 215, 110661.	6.2	28
60	Bioinspired Synergistic Photochromic Luminescence and Programmable Liquid Crystal Actuators. Angewandte Chemie, 2021, 133, 11347-11351.	2.0	28
61	Mesogen-jacketed liquid crystalline polymers and elastomers bearing polynorbornene backbone. Journal of Materials Chemistry C, 2013, 1, 1482.	5.5	27
62	A Liquid Crystal Elastomerâ€Based Unprecedented Twoâ€Way Shapeâ€Memory Aerogel. Advanced Science, 2021, 8, e2102674.	11.2	27
63	An Artificial Lightâ€Harvesting System with Controllable Efficiency Enabled by an Annuleneâ€Based Anisotropic Fluid. Angewandte Chemie - International Edition, 2022, 61, .	13.8	27
64	High-performance double ion-buffering reservoirs of asymmetric supercapacitors based on flower-like Co₃O₄-G>N-PEGm microspheres and 3D rGO-CNT>N-PEGm aerogels. Nanoscale, 2018, 10, 17293-17303.	5.6	26
65	Hydrogen-bonding induced melamine-core supramolecular discotic liquid crystals. Journal of Materials Chemistry C, 2017, 5, 9165-9173.	5.5	24
66	Generalized Langevin-Debye model of the field dependence of tilt, birefringence, and polarization current near the de Vries smectic-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mo>*</mml:mo></mml:msup></mml:math>to smectic-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi></mml:math>	2.1	23
67	Synthesis of ternary graphene/molybdenum oxide/poly(p-phenylenediamine) nanocomposites for symmetric supercapacitors. RSC Advances, 2015, 5, 98278-98287.	3.6	23
68	Physically and chemically dual-crosslinked hydrogels with superior mechanical properties and self-healing behavior. New Journal of Chemistry, 2020, 44, 9903-9911.	2.8	23
69	Novel aqueous nickel-bismuth batteries using NiMoO4@NiCo-layered double hydroxide heterostructure nanoarrays and Bi2O2CO3 microspheres as advanced electrode materials. Electrochimica Acta, 2019, 323, 134819.	5.2	22
70	Improved bulk-heterojunction polymer solar cell performance through optimization of the linker groupin donorâ€“acceptor conjugated polymer. Polymer, 2012, 53, 1535-1542.	3.8	21
71	A new straightforward uncalcined approach for morphology modulating to enhance the electrical capacity performance of Co-MOF. Electrochimica Acta, 2021, 389, 138684.	5.2	20
72	Synthesis and properties of UV-curable hyperbranched polyurethane acrylate oligomers containing carboxyl groups. Polymer Bulletin, 2012, 68, 1009-1022.	3.3	19

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73	Synthesis of UVâ€curable hyperbranched polyurethane (meth)acrylate oligomers via thiolâ€ene â€œclickâ€• chemistry. Journal of Applied Polymer Science, 2013, 128, 4261-4270.	2.6	18
74	Side chain liquid crystalline polymers with an optically active polynorbornene backbone and achiral mesogenic side groups. Polymer Chemistry, 2015, 6, 5281-5287.	3.9	18
75	Organocatalysis in polysiloxane gels: a magnetic-stir-bar encapsulated catalyst system prepared by thiolâ€“ene photo-click immobilization. RSC Advances, 2015, 5, 7304-7310.	3.6	18
76	An Efficient Nearâ€Infrared Emissive Artificial Supramolecular Lightâ€Harvesting System for Imaging in the Golgi Apparatus. Angewandte Chemie, 2020, 132, 10579-10583.	2.0	18
77	Solution processable low bandgap thienoisoindigo-based small molecules for organic electronic devices. RSC Advances, 2015, 5, 50098-50104.	3.6	17
78	Green synthesis of cellulose/graphene oxide/ZIF8 derived highly conductivity integrated film electrode for supercapacitor. Carbon, 2021, 185, 599-607.	10.3	17
79	Sideâ€on mainâ€chain liquid crystalline polymers prepared by acyclic diene metathesis polymerization and thiolâ€ene click stepâ€growth polymerization. Journal of Polymer Science Part A, 2014, 52, 1086-1098.	2.3	16
80	Side chain engineering and conjugation enhancement of benzodithiophene and phenanthrenequnioxaline based conjugated polymers for photovoltaic devices. Journal of Polymer Science Part A, 2015, 53, 1915-1926.	2.3	16
81	One-pot synthesis and electrochemical properties of graphene/SnO2/poly (p-phenylenediamine) ternary nanocomposites. Journal of Alloys and Compounds, 2015, 652, 9-17.	5.5	16
82	Healable and Rearrangeable Networks of Liquid Crystal Elastomers Enabled by Diselenide Bonds. Angewandte Chemie, 2021, 133, 16530-16534.	2.0	16
83	Synthesis, structure and electrochemical properties of novel ternary composite reduced-graphene oxide/Ag nanoparticles/poly(p-phenylenediamine). Journal of Alloys and Compounds, 2018, 749, 783-793.	5.5	15
84	Gradual â€œOHâ€™-incursionâ€•outside-inside strategy in construction of 3D flower-like Co3O4-CNT>N-PEGm hierarchical microspheres for supercapacitors. Materials Today Energy, 2018, 9, 27-38.	4.7	15
85	Poly[(side-on mesogen)-alt-(end-on mesogen)]: A Compromised Molecular Arrangement. Macromolecules, 2019, 52, 5791-5800.	4.8	15
86	An amplification strategy using DNA-Peptide dendrimer probe and mass spectrometry for sensitive MicroRNA detection in breast cancer. Analytica Chimica Acta, 2019, 1069, 73-81.	5.4	15
87	Synthesis and supercapacitive performance of hierarchically porous graphitic carbon monoliths containing cobalt nanoparticles. Microporous and Mesoporous Materials, 2014, 200, 245-252.	4.4	14
88	A sulfur(<scp>vi</scp>) fluoride exchange click chemistry approach towards main chain liquid crystal polymers bearing sulfate ester groups. Polymer Chemistry, 2019, 10, 3657-3664.	3.9	14
89	Lighting Up Electrochemiluminescence-Inactive Dyes via Grafting Enabled by Intramolecular Resonance Energy Transfer. Analytical Chemistry, 2022, 94, 3296-3302.	6.5	14
90	A copper(i)-catalyzed azideâ€“alkyne click chemistry approach towards multifunctional two-way shape-memory actuators. Polymer Chemistry, 2020, 11, 3747-3755.	3.9	13

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91	Nanoporous Supramolecular Liquid Crystal Polymeric Material for Specific and Selective Uptake of Melamine. Macromolecules, 2020, 53, 4204-4213.	4.8	13
92	Polysiloxane side-chain liquid crystalline polymers prepared by alkyne hydrosilylation. Chinese Journal of Polymer Science (English Edition), 2015, 33, 1431-1441.	3.8	12
93	An entropy-driven ring-opening metathesis polymerization approach towards main-chain liquid crystalline polymers. Polymer Chemistry, 2016, 7, 5265-5272.	3.9	12
94	Ionic liquid embedded polyimides with ultra-foldability, ultra-flexibility, ultra-processability and superior optical transparency. Polymer, 2018, 153, 538-547.	3.8	12
95	Bi2O2CO3 microspheres anchored on reduced graphene oxide nanosheets as electrode material for lithium ion batteries and supercapacitors. Materials Letters, 2019, 240, 299-302.	2.6	12
96	High-performance GdxSr1-xNiO3 porous nanofibers prepared by electrospinning for symmetric and asymmetric supercapacitors. Journal of Physics and Chemistry of Solids, 2020, 140, 109361.	4.0	12
97	Chiral SmA* materials for display applications?. Journal of the Society for Information Display, 2007, 15, 585-588.	2.1	11
98	Synthesis and physical properties of a main-chain chiral smectic thiol-ene oligomer. Liquid Crystals, 2010, 37, 325-334.	2.2	11
99	Hydrothermal synthesis of Ni-doped hierarchically porous carbon monoliths for hydrogen storage. Journal of Porous Materials, 2015, 22, 1417-1422.	2.6	11
100	Generation of liquid crystallinity from a T_d-symmetry central unit. Soft Matter, 2016, 12, 6148-6156.	2.7	11
101	Preparation and sintering properties in air of silver-coated copper powders and pastes. Journal of Materials Science: Materials in Electronics, 2013, 24, 4913-4918.	2.2	10
102	Dramatic enhancement of carbon nanotube dispersion in polyimide composites by a two-step amino functionalization approach. Journal of Polymer Science Part A, 2013, 51, 3449-3457.	2.3	10
103	A phase-dependent photoluminescent discotic liquid crystal bearing a graphdiyne substructure. Chemical Communications, 2021, 57, 911-914.	4.1	10
104	A Mainâ€Chain de Vries Smectic Liquid Crystal Polymer Prepared by Hoveydaâ€“Grubbs Catalyst Initiated Acyclic Diene Metathesis Polymerization. Macromolecular Rapid Communications, 2009, 30, 1894-1899.	3.9	9
105	Magnetically-separable hierarchically porous carbon monoliths with partially graphitized structures as excellent adsorbents for dyes. Journal of Porous Materials, 2014, 21, 933-938.	2.6	9
106	A room-temperature heptazine core discotic liquid crystal. Liquid Crystals, 2017, 44, 2175-2183.	2.2	9
107	Ionic crosslinked polymer as protective layer in electrochromic supercapacitors for improved electrochemical stability and ion transmission performance. Electrochimica Acta, 2021, 365, 137373.	5.2	9
108	Ringâ€Opening Metathesis Polymerization of a Macrobicyclic Olefin Bearing a Sacrificial Silyloxide Bridge. Angewandte Chemie - International Edition, 2022, 61, .	13.8	9

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109	An Artificial Lightâ€Harvesting System with Controllable Efficiency Enabled by an Annuleneâ€Based Anisotropic Fluid. Angewandte Chemie, 2022, 134, .	2.0	9
110	Synthesis of novel poly(ester amine) dendrimers by Michael addition and acrylate esterification. Designed Monomers and Polymers, 2013, 16, 67-71.	1.6	8
111	The influence of molecular weight of siloxane macromere on phase separation morphology, oxygen permeability, and mechanical properties in multicomponent silicone hydrogels. Colloid and Polymer Science, 2017, 295, 205-213.	2.1	8
112	Synthesis and Properties of Triphenodioxazineâ€Based Conjugated Polymers for Polymer Solar Cells. European Journal of Organic Chemistry, 2017, 2017, 3689-3698.	2.4	8
113	The influences of poly (ethylene glycol) chain length on hydrophilicity, oxygen permeability, and mechanical properties of multicomponent silicone hydrogels. Colloid and Polymer Science, 2019, 297, 1233-1243.	2.1	8
114	Preparation and application of a Dâ€“A conjugated electrochromic flexible electrode with side chain carbazole active groups in supercapacitors. New Journal of Chemistry, 2021, 45, 18472-18481.	2.8	8
115	Intelligent Surfaces Thermally Switchable between the Highly Rough and Entirely Smooth States. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1609-1616.	3.8	8
116	The Functionalization of Graphene and Graphene Oxide via Click Chemistry. Acta Chimica Sinica, 2013, 71, 20130901.	1.4	8
117	Electrode materials for flexible supercapacitor with real-time visual monitoring of potential. Chemical Engineering Journal, 2022, 446, 137330.	12.7	8
118	Systematic structure modification of a low bandgap conjugated polymer improves thin film morphology and photovoltaic performance by incorporating naphthalene into side chains. Journal of Materials Chemistry C, 2015, 3, 7669-7676.	5.5	7
119	Solution-processable small molecule semiconductors based on pyrene-fused bisimidazole and influence of alkyl side-chain on the charge transport. RSC Advances, 2016, 6, 69277-69281.	3.6	7
120	Conjugated polymers constructed by a novel pyrene-fused polycyclic building block and their applications as organic electronic materials. Dyes and Pigments, 2016, 130, 16-23.	3.7	7
121	Oligodeoxynucleosides with Olefin Bridges. Macromolecules, 2019, 52, 649-659.	4.8	7
122	Study on the influence of crosslinking density and free polysiloxan chain length on oxygen permeability and hydrophilicity of multicomponent silicone hydrogels. Colloid and Polymer Science, 2021, 299, 1327-1335.	2.1	7
123	Poly(vinyl benzoate)-backbone mesogen-jacketed liquid crystalline polymers. Polymer Chemistry, 2015, 6, 6709-6719.	3.9	6
124	Hierarchically porous graphitic carbon monoliths containing nickel nanoparticles as magnetically separable adsorbents for dyes. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
125	Resent Progress in Side-Chain Engineering of Organic Photovoltaic Conjugated Polymer. Chinese Journal of Organic Chemistry, 2014, 34, 1701.	1.3	6
126	An ultrahigh fatigue resistant liquid crystal elastomer-based material enabled by liquid metal. Science China Materials, 2022, 65, 1679-1686.	6.3	6

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127	A new method to make polymers with flexible main chains and photoelectric pendants for organic semiconductors. Polymer Chemistry, 2013, 4, 4245.	3.9	5
128	Novel crosslinked lyotropic liquid crystal materials based on acrylate-type gemini ammonium surfactant. Liquid Crystals, 2015, 42, 520-529.	2.2	5
129	Phenoxazineâ€Based Conjugated Ladder Polymers as Novel Electrode Materials for Supercapacitors. ChemElectroChem, 2016, 3, 1837-1846.	3.4	5
130	Amphiphilic Diblock Coâ€polymers Bearing a Cysteine Junction Group: Synthesis, Encapsulation of Inorganic Nanoparticles, and Nearâ€Infrared Photoresponsive Properties. Chemistry - A European Journal, 2016, 22, 18197-18207.	3.3	5
131	Frontispiece: An Artificial Lightâ€Harvesting System with Controllable Efficiency Enabled by an Annuleneâ€Based Anisotropic Fluid. Angewandte Chemie - International Edition, 2022, 61, .	13.8	5
132	Thermoâ€and Mechanochromic Camouflage and Selfâ€Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie, 2022, 134, .	2.0	5
133	A novel p/n-dopable electrochromic electrode material based on P(TPACz)/WO3 coralloid porous nanocomposite. Journal of Alloys and Compounds, 2022, 922, 166195.	5.5	5
134	Influence of curing temperature on properties of the polyacrylonitrile/polyimide composite films. Journal of Applied Polymer Science, 2014, 131, .	2.6	4
135	Indeno[1,2-b]fluorene-based novel donorâ€“acceptor conjugated copolymers. High Performance Polymers, 2018, 30, 192-201.	1.8	4
136	1,3,6,8-Pyrenetetrasulfonic acid anchored doping to prepare solution-processable polyaniline for electrochromic supercapacitors. New Journal of Chemistry, 2021, 45, 8786-8794.	2.8	4
137	Synthesis, photophysical properties and microphase separation of allâ€conjugated diblock copolymers with hydrophilic side chains. Polymer International, 2013, 62, 204-209.	3.1	3
138	Biodegradable and crosslinkable poly(propylene fumarate) liquid crystal polymers. Polymer Chemistry, 2022, 13, 1267-1273.	3.9	3
139	No Sacrifice No Gain: Construction of Cleavable Bridged Macrobicyclic Olefins for Precision Polymers. Synlett, 2022, 33, 1607-1618.	1.8	3
140	Synthesis and characterization of methacrylate matrix resin bearing o-nitrobenzyl group. Journal of Central South University, 2015, 22, 3296-3301.	3.0	2
141	Design, synthesis, and photosensitive performance of polymethacrylateâ€positive photoresistâ€bearing oâ€nitrobenzyl group. Journal of Applied Polymer Science, 2015, 132, .	2.6	2
142	Functionalization of side chain terminals with fused aromatic rings in carbazoleâ€“diketopyrrolopyrrole based conjugated polymers for improved charge transport properties. RSC Advances, 2016, 6, 97783-97790.	3.6	2
143	Thiolâ€“ene photoimmobilization of chymotrypsin on polysiloxane gels for enzymatic peptide synthesis. RSC Advances, 2018, 8, 11843-11849.	3.6	2
144	Thienoisoindigo-Based Polymers Bearing Diethynylbenzene and Diethynylanthracene Units for Thin Film Transistors and Solar Cells. Journal of Nanoscience and Nanotechnology, 2018, 18, 5534-5541.	0.9	2

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145	Ringâ€Opening Metathesis Polymerization of a Macrobicyclic Olefin Bearing a Sacrificial Silyloxide Bridge. Angewandte Chemie, 2022, 134, .	2.0	2
146	Fluorescence quenching of conjugated polymer by coupling plasmonicÂsilver nanocap array. Solid State Sciences, 2013, 21, 106-109.	3.2	1
147	Frontispiece: Thermoâ€•and Mechanochromic Camouflage and Selfâ€Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie - International Edition, 2022, 61, .	13.8	1
148	Frontispiz: An Artificial Lightâ€Harvesting System with Controllable Efficiency Enabled by an Annuleneâ€Based Anisotropic Fluid. Angewandte Chemie, 2022, 134, .	2.0	1
149	Enhanced emission from acceptor in the annealed film of all-conjugated diblock copolymer. Physica B: Condensed Matter, 2013, 420, 49-53.	2.7	0
150	A simple theoretical approach to the band gaps of conjugated polymers. Molecular Simulation, 2013, 39, 1022-1033.	2.0	0
151	An â€œinverted loadâ€•strategy to fabricate interface-optimized flexible electrodes with superior electrochemical performance and ultrastability. Journal of Materials Chemistry C, 2020, 8, 11128-11137.	5.5	0
152	Synthesis and Self-Assembly of Alternating Heterodinucleoside Polytriazoles. Macromolecules, 2021, 54, 341-350.	4.8	0
153	Frontispiz: Thermoâ€•and Mechanochromic Camouflage and Selfâ€Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie, 2022, 134, .	2.0	0
154	Mechanical property of carbon nanotube/liquid crystal elastomer composite materials. Chinese Journal of Liquid Crystals and Displays, 2022, 37, 241-249.	0.3	0
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