

Shiping Zhu

List of Publications by Year in descending order

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papers

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11651

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times ranked

12196
citing authors

#	ARTICLE	IF	CITATIONS
1	Dramatic and Reversible Water-Induced Stiffening Driven by Phase Separation within Polymer Gels. <i>Advanced Functional Materials</i> , 2022, 32, 2109850.	14.9	20
2	Stretchable Hydrogels with Low Hysteresis and High Fracture Toughness for Flexible Electronics. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100716.	3.9	9
3	Direct transformation of ZIF-8 into hollow porous carbons and hollow carbon composites. <i>Nano Research</i> , 2022, 15, 5769-5774.	10.4	10
4	Joule heating of ionic conductors using zero-phase frequency alternating current to suppress electrochemical reactions. <i>Engineering</i> , 2022, , .	6.7	4
5	Fluorinated Poly(ionic liquid) Copolymers as Transparent, Strong, and Versatile Adhesive Materials. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3217-3224.	4.4	6
6	Bioinspired Semicrystalline Dynamic Ionogels with Adaptive Mechanics and Tactile Sensing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20132-20138.	8.0	5
7	Equilibrium and non-equilibrium molecular dynamics approaches for the linear viscoelasticity of polymer melts. <i>Physics of Fluids</i> , 2022, 34, .	4.0	6
8	Fabrication of metal-organic framework-based nanofibrous separator via one-pot electrospinning strategy. <i>Nano Research</i> , 2021, 14, 1465-1470.	10.4	32
9	Improving Dielectric Constant of Polymers through Liquid Electrolyte Inclusion. <i>Advanced Functional Materials</i> , 2021, 31, 2007863.	14.9	25
10	Flexible Conductive Substrate Incorporating a Submicrometer Co-continuous Polyaniline Phase within Polyethylene by Controlled Crazing. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1880-1889.	4.4	4
11	Fabrication of Metal-Organic Framework/Polymer Composites via a One-Pot Solvent Crystal Template Strategy. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2038-2044.	4.4	5
12	Colorimetric Ionic Organohydrogels Mimicking Human Skin for Mechanical Stimuli Sensing and Injury Visualization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26490-26497.	8.0	23
13	Highly Transparent, Stretchable, and Conducting Ionoelastomers Based on Poly(ionic liquid)s. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31102-31110.	8.0	39
14	Dynamics and stress relaxation of bidisperse polymer melts with unentangled and moderately entangled chains. <i>Physics of Fluids</i> , 2021, 33, 063105.	4.0	3
15	Metal Oxy-Hydroxides with a Hierarchical and Hollow Structure for Highly Efficient Solar-Thermal Water Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27726-27733.	8.0	9
16	Hierarchically Porous Monolith with High MOF Accessibility and Strengthened Mechanical Properties using Water-in-Oil High Internal Phase Emulsion Template. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100620.	3.7	12
17	Adhering Low Surface Energy Materials without Surface Pretreatment via Ion-Dipole Interactions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41112-41119.	8.0	33
18	All-Solid-State Self-Healing Ionic Conductors Enabled by Ion-Dipole Interactions within Fluorinated Poly(Ionic Liquid) Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41140-41148.	8.0	42

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19	Damage-resistant and healable polyacrylonitrile-derived stretchable materials with exceptional fracture toughness and fatigue threshold. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23451-23458.	10.3	6
20	Structuring Metal-Organic Framework Materials into Hierarchically Porous Composites through One-Pot Fabrication Strategy. <i>Chemistry - A European Journal</i> , 2020, 26, 3358-3363.	3.3	5
21	Engineering bicontinuous polymeric monoliths through high internal phase emulsion templating. <i>Materials Today Communications</i> , 2020, 22, 100813.	1.9	1
22	Reversible Water Transportation Diode: Temperature-Adaptive Smart Janus Textile for Moisture/Thermal Management. <i>Advanced Functional Materials</i> , 2020, 30, 1907851.	14.9	120
23	Developing Continuous Submicron-Scale Conductive Interpenetrating Hydrogel Network in Polyethylene Matrices through Controlled Crazing and Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 6609-6616.	3.7	2
24	Design and Synthesis of a Well-Controlled Mechanoluminescent Polymer System Based on Fluorescence Resonance Energy Transfer with Spiropyran as a Force-Activated Acceptor and Nitrobenzoxadiazole as a Fluorescent Donor. <i>Macromolecules</i> , 2019, 52, 7920-7928.	4.8	24
25	Thermoplastic Polyolefin Elastomer Blends for Multiple and Reversible Shape Memory Polymers. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 19495-19502.	3.7	24
26	Model-Guided Preparation of Copolymer Sequence Distributions through Programmed Semibatch RAFT Mini-Emulsion Styrene/Butyl Acrylate Copolymerization. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18997-19008.	3.7	7
27	A polyelectrolyte-containing copolymer with a gas-switchable lower critical solution temperature-type phase transition. <i>Polymer Chemistry</i> , 2019, 10, 260-266.	3.9	7
28	Nature-Inspired Windmill for Water Collection in Complex Windy Environments. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17952-17959.	8.0	17
29	Development of a Highly Sensitive, Broad-Range Hierarchically Structured Reduced Graphene Oxide/PolyHIPE Foam for Pressure Sensing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4318-4327.	8.0	83
30	Crystal Growth of Metal-Organic Framework-5 around Cellulose-Based Fibers Having a Necklace Morphology. <i>ACS Omega</i> , 2019, 4, 169-175.	3.5	35
31	Tailoring Uniform Copolymer Composition Distribution via Policy II RAFT Solution Copolymerization of Styrene and Butyl Acrylate. <i>Macromolecular Reaction Engineering</i> , 2018, 12, 1800014.	1.5	3
32	Let spiropyran help polymers feel force!. <i>Progress in Polymer Science</i> , 2018, 79, 26-39.	24.7	119
33	Long-Acting and Safe Sunscreens with Ultrahigh Sun Protection Factor via Natural Lignin Encapsulation and Synergy. <i>ACS Applied Bio Materials</i> , 2018, 1, 1276-1285.	4.6	45
34	Solution Processed Coating of Polyolefin on Melamine Foams to Fabricate Tough Oil Superabsorbents. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800436.	3.6	11
35	Preparation of Comb-Shaped Polyolefin Elastomers Having Ethylene/1-Octene Copolymer Backbone and Long Chain Polyethylene Branches via a Tandem Metallocene Catalyst System. <i>Macromolecules</i> , 2018, 51, 8790-8799.	4.8	32
36	Reversible Shape Memory Polymer from Semicrystalline Poly(ethylene-vinyl acetate) with Dynamic Covalent Polymer Networks. <i>Macromolecules</i> , 2018, 51, 8956-8963.	4.8	71

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37	Mechanically Mediated Atom Transfer Radical Polymerization: Exploring Its Potential at High Conversions. <i>Macromolecules</i> , 2018, 51, 6911-6921.	4.8	37
38	Benzothienobenzothiophene/polyimide blend-based organic phototransistors with double-layer gate dielectric. <i>Organic Electronics</i> , 2018, 59, 349-357.	2.6	7
39	Design and Synthesis of Mechano-Responsive Color-Changing Thermoplastic Elastomer Based on Poly(<i>n</i> -Butyl Acrylate)-Spiropyran-Polystyrene Comb-Structured Graft Copolymers. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800154.	3.6	20
40	Interconnected Porous Monolith Prepared via UiO-66 Stabilized Pickering High Internal Phase Emulsion Template. <i>Chemistry - A European Journal</i> , 2018, 24, 16426-16431.	3.3	28
41	Polyolefin Thermoplastics for Multiple Shape and Reversible Shape Memory. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4882-4889.	8.0	86
42	Smart polyolefins feeling the force: Color changeable poly(ethylene-vinyl acetate) and poly(ethylene-octene) in response to mechanical force. <i>Polymer</i> , 2017, 112, 219-227.	3.8	23
43	Collectable and Recyclable Mussel-Inspired Poly(ionic liquid)-Based Sorbents for Ultrafast Water Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2829-2835.	6.7	30
44	Mechanical Force Sensitive Acrylic Latex Coating. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15156-15163.	8.0	35
45	Gas-Responsive Polymers. <i>ACS Macro Letters</i> , 2017, 6, 515-522.	4.8	81
46	Tailoring Polymer Molecular Weight Distribution and Multimodality in RAFT Polymerization Using Tube Reactor with Recycle. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1700023.	1.5	20
47	Effects of gate dielectric surface modification on phototransistors with polymer-blended benzo[h]benzothienobenzothiophene semiconductor thin films. <i>Organic Electronics</i> , 2017, 44, 253-262.	2.6	6
48	Binary Blends of Polyimide and Benzothienobenzothiophene for High-Performance Solution-Processed Organic Phototransistors. <i>Advanced Electronic Materials</i> , 2017, 3, 1700284.	5.1	14
49	Highly Porous Poly(high internal phase emulsion) Membranes with Open-Cell Structure and CO ₂ -Switchable Wettability Used for Controlled Oil/Water Separation. <i>Langmuir</i> , 2017, 33, 11936-11944.	3.5	72
50	CO ₂ /N ₂ -Switchable Thermoresponsive Ionic Liquid Copolymer. <i>Macromolecules</i> , 2017, 50, 8378-8389.	4.8	11
51	Preparation of poly(ionic liquid) nanoparticles through RAFT/MADIX polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 5469-5473.	3.9	12
52	Pickering high internal phase emulsions stabilized by worm-like polymeric nanoaggregates. <i>Polymer Chemistry</i> , 2017, 8, 5474-5480.	3.9	43
53	Engineering Elastic ZIF-8 Sponges for Oil-Water Separation. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700560.	3.7	49
54	Synthesis and evaluation of Double-Decker Silsesquioxanes as modifying agent for epoxy resin. <i>Polymer</i> , 2017, 124, 157-167.	3.8	23

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55	Modeling and Experimentation of RAFT Solution Copolymerization of Styrene and Butyl Acrylate, Effect of Chain Transfer Reactions on Polymer Molecular Weight Distribution. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1700029.	1.5	6
56	Development of Novel Materials from Polymerization of Pickering Emulsion Templates. <i>Advances in Polymer Science</i> , 2017, , 101-119.	0.8	14
57	CO ₂ -Switchable Membranes Prepared by Immobilization of CO ₂ -Breathing Microgels. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44146-44151.	8.0	28
58	A Straightforward Estimation of Activation and Deactivation Parameters for ATRP Systems from Actual Polymerization Rate and Molecular Weight Distribution Data. <i>Macromolecular Theory and Simulations</i> , 2017, 26, 1600045.	1.4	4
59	A Comprehensive Review on Controlled Synthesis of Long-Chain Branched Polyolefins: Part 3, Characterization of Long-Chain Branched Polymers. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1600012.	1.5	24
60	Breathable Microgel Colloidosome: Gas-Switchable Microcapsules with O ₂ and CO ₂ Tunable Shell Permeability for Hierarchical Size-Selective Control Release. <i>Langmuir</i> , 2017, 33, 6108-6115.	3.5	19
61	Factors Affecting Grafting Density in Surface-Initiated ATRP: A Simulation Study. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 220-228.	1.4	24
62	A Comprehensive Review on Controlled Synthesis of Long-Chain-Branched Polyolefins: Part 2, Multiple Catalyst Systems and Prepolymer Modification. <i>Macromolecular Reaction Engineering</i> , 2016, 10, 180-200.	1.5	19
63	A Comprehensive Review on Controlled Synthesis of Long-Chain Branched Polyolefins: Part 1, Single Catalyst Systems. <i>Macromolecular Reaction Engineering</i> , 2016, 10, 156-179.	1.5	47
64	Rapid collection and re-dispersion of MOF particles by a simple and versatile method using a thermo-responsive polymer. <i>RSC Advances</i> , 2016, 6, 63398-63402.	3.6	3
65	Assembly of a Metal-Organic Framework into 3D Hierarchical Porous Monoliths Using a Pickering High Internal Phase Emulsion Template. <i>Chemistry - A European Journal</i> , 2016, 22, 8751-8755.	3.3	80
66	Rapid UV-A photo detection using a BTBT organic thin-film transistor enhanced by a 1,5-dichloro-9,10-dinitro-anthracene acceptor. <i>Organic Electronics</i> , 2016, 37, 42-46.	2.6	11
67	Evaluation of Octyltetramethylsiloxane-Containing Ethylene Copolymers as Composite Lubricant for High-Density Polyethylene. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1494-1502.	3.6	5
68	Oxygen-switchable thermo-responsive random copolymers. <i>Polymer Chemistry</i> , 2016, 7, 5456-5462.	3.9	16
69	Photo-inactive divinyl spiropyran mechanophore cross-linker for real-time stress sensing. <i>Polymer</i> , 2016, 99, 521-528.	3.8	40
70	High internal phase emulsion with double emulsion morphology and their templated porous polymer systems. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 232-240.	9.4	56
71	Improvement on stability of polymeric latexes prepared by emulsion ATRP through copper removal using electrolysis. <i>Polymer</i> , 2016, 106, 261-266.	3.8	16
72	MOFsomes via Transient Pickering Emulsion Template. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600294.	3.7	7

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73	Flexible and Porous Nanocellulose Aerogels with High Loadings of Metal-Organic Framework Particles for Separations Applications. <i>Advanced Materials</i> , 2016, 28, 7652-7657.	21.0	369
74	CO ₂ -Breathing Induced Reversible Activation of Mechanophore within Microgels. <i>Macromolecular Rapid Communications</i> , 2016, 37, 957-962.	3.9	33
75	Alginate Hydrogel: A Shapeable and Versatile Platform for <i>in Situ</i> Preparation of Metal-Organic Framework-Polymer Composites. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17395-17401.	8.0	127
76	Oxygen and Carbon Dioxide Dual Gas-Switchable Thermoresponsive Homopolymers. <i>ACS Macro Letters</i> , 2016, 5, 828-832.	4.8	34
77	Sunscreen Performance of Lignin from Different Technical Resources and Their General Synergistic Effect with Synthetic Sunscreens. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4029-4035.	6.7	155
78	Ultrasonically enhanced bulk ATRP of methyl methacrylate at high conversion with good livingness and control. <i>AIChE Journal</i> , 2016, 62, 1683-1687.	3.6	12
79	Effect of Polymer Binders on UV-Responsive Organic Thin-Film Phototransistors with Benzothienobenzothiophene Semiconductor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3744-3754.	8.0	18
80	Synthesis of a novel type of octyltetramethyldisiloxane-containing olefinic macromonomer and its copolymerization with ethylene. <i>Polymer</i> , 2016, 83, 20-26.	3.8	9
81	Toward Understanding of Branching in RAFT Copolymerization of Methyl Methacrylate through a Cleavable Dimethacrylate. <i>Macromolecules</i> , 2016, 49, 752-759.	4.8	21
82	Employing Gradient Copolymer To Achieve Gel Polymer Electrolytes with High Ionic Conductivity. <i>Macromolecules</i> , 2016, 49, 2179-2188.	4.8	26
83	Progress in reactor engineering of controlled radical polymerization: a comprehensive review. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 23-59.	3.7	53
84	What Limits the Chain Growth from Flat Surfaces in Surface-Initiated ATRP: Propagation, Termination or Both?. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 89-99.	1.4	19
85	Polymer Reaction Engineering in China. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 382-384.	1.5	0
86	CO ₂ -Redispersible Polymer Latexes with Low Glass Transition Temperatures. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 561-568.	2.2	12
87	Highly UV-Sensitive and Responsive Benzothiophene/Dielectric Polymer Blend-Based Organic Thin-Film Phototransistor. <i>Advanced Electronic Materials</i> , 2015, 1, 1500119.	5.1	36
88	Model-Based Production of Polymer Chains Having Precisely Designed End-to-End Gradient Copolymer Composition and Chain Topology Distributions in Controlled Radical Polymerization, A Review. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 409-417.	1.5	27
89	Surface-Initiated Atom Transfer Radical Polymerization. <i>Advances in Polymer Science</i> , 2015, , 29-76.	0.8	51
90	Modeling the Influence of Diffusion-Controlled Reactions and Residual Termination and Deactivation on the Rate and Control of Bulk ATRP at High Conversions. <i>Polymers</i> , 2015, 7, 819-835.	4.5	35

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91	A versatile and facile surface modification route based on polydopamine for the growth of MOF films on different substrates. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 63-67.	1.7	18
92	Synthesis of Ultrahigh-Molecular-Weight Ethylene-1-Hexene Copolymers with High Hexene Content via Living Polymerization with Fluorinated Bis(phenoxy-imine) Titanium(IV). <i>Macromolecular Rapid Communications</i> , 2015, 36, 286-291.	3.9	6
93	Oxygen and Carbon Dioxide Dual Gas-Responsive and Switchable Microgels Prepared from Emulsion Copolymerization of Fluoro- and Amino-Containing Monomers. <i>Langmuir</i> , 2015, 31, 2196-2201.	3.5	47
94	Modeling and theoretical development in controlled radical polymerization. <i>Progress in Polymer Science</i> , 2015, 45, 71-101.	24.7	112
95	Design and Synthesis of Thermoresponsive Ionic Liquid Polymer in Acetonitrile as a Reusable Extractant for Separation of Tocopherol Homologues. <i>Macromolecules</i> , 2015, 48, 915-924.	4.8	40
96	Well-controlled and stable emulsion ATRP of MMA with low surfactant concentration using surfactant-ligand design as the copper capture agent. <i>Polymer Chemistry</i> , 2015, 6, 2837-2843.	3.9	22
97	Macromol. Rapid Commun. 3/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 340-340.	3.9	0
98	Synthesis and Redispersibility of Poly(styrene- <i>block</i> - <i>n</i> -butyl acrylate) Core-Shell Latexes by Emulsion Polymerization with RAFT Agent-Surfactant Design. <i>Macromolecules</i> , 2015, 48, 1313-1319.	4.8	29
99	Pushing Monomer Conversions High in Bulk ATRP: The Effects of ICAR Agent Concentrations on the System Livingness and Polymer Molecular Weight Control. <i>ACS Symposium Series</i> , 2015, , 159-169.	0.5	2
100	One-Pack Epoxy Foaming with CO ₂ as Latent Blowing Agent. <i>ACS Macro Letters</i> , 2015, 4, 693-697.	4.8	26
101	Elastomeric properties of ethylene/1-octene random and block copolymers synthesized from living coordination polymerization. <i>Polymer</i> , 2015, 72, 118-124.	3.8	18
102	The effect of azobenzene derivatives on UV-responsive organic thin-film transistors with a 2,7-dipentylbenzo[<i>b</i>]benzo[4,5]thieno[2,3- <i>d</i>]thiophene semiconductor. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8090-8096.	5.5	25
103	Ionic Liquids: Versatile Media for Preparation of Vesicles from Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2015, 4, 755-758.	4.8	96
104	Preparation of ultrahigh molecular weight ethylene/1-octene block copolymers using ethylene pressure pulse feeding policies. <i>Polymer Chemistry</i> , 2015, 6, 3800-3806.	3.9	15
105	Method of moments: A versatile tool for deterministic modeling of polymerization kinetics. <i>European Polymer Journal</i> , 2015, 68, 139-160.	5.4	136
106	Branching in RAFT Miniemulsion Copolymerization of Styrene/Triethylene Glycol Dimethacrylate and Control of Branching Density Distribution. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 90-99.	1.5	20
107	A Molecular Weight Distribution Polydispersity Equation for the ATRP System: Quantifying the Effect of Radical Termination. <i>Macromolecules</i> , 2015, 48, 6440-6449.	4.8	51
108	Preparation of raspberry-like ZIF-8/PS composite spheres via dispersion polymerization. <i>Dalton Transactions</i> , 2015, 44, 16752-16757.	3.3	24

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109	Thermal and mechanical properties of ultrahigh-molecular-weight ethylene/1-hexene copolymers prepared by living polymerization with fluorinated bis(phenoxy-imine) titanium(IV) catalyst. <i>Polymer</i> , 2015, 80, 109-114.	3.8	14
110	Lignin Reverse Micelles for UV-Absorbing and High Mechanical Performance Thermoplastics. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 12025-12030.	3.7	73
111	Development of Epoxy Foaming with CO ₂ as Latent Blowing Agent and Principle in Selection of Amine Curing Agent. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 11056-11064.	3.7	20
112	High Temperature High Pressure Tandem Polymerization of Ethylene for Synthesis of Ethylene- <i>h</i> -Hexene Copolymers from Single Reactor with SNS ⁺ Cr and CGC ⁺ Ti Catalysts. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 32-39.	1.5	10
113	Preparation of metal-organic framework films by electrophoretic deposition method. <i>Materials Letters</i> , 2015, 142, 19-22.	2.6	56
114	Reversibly Dispersible/Collectable Metal-Organic Frameworks Prepared by Grafting Thermally Responsive and Switchable Polymers. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 191-197.	3.6	27
115	A More Than Six Orders of Magnitude UV-Responsive Organic Field-Effect Transistor Utilizing a Benzothiophene Semiconductor and Disperse Red 1 for Enhanced Charge Separation. <i>Advanced Materials</i> , 2015, 27, 228-233.	21.0	54
116	Lignin: a nature-inspired sun blocker for broad-spectrum sunscreens. <i>Green Chemistry</i> , 2015, 17, 320-324.	9.0	352
117	Oxygen-Nitrogen Switchable Copolymers of 2,2,2-Trifluoroethyl Methacrylate and <i>N,N</i> -Dimethylaminoethyl Methacrylate. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1692-1696.	3.9	26
118	Development of Molecular Weight Distribution in ATRP with Radical Termination. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 227-240.	1.4	13
119	Surfactant-Ligand Design for <i>in situ</i> Emulsion Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2014, 47, 7701-7706.	4.8	19
120	Structure analysis of ethylene/1-octene copolymers synthesized from living coordination polymerization. <i>European Polymer Journal</i> , 2014, 54, 160-171.	5.4	33
121	Graphene Nanoplatelets Prepared by Electric Heating Acid-Treated Graphite in a Vacuum Chamber and Their Use as Additives in Organic Semiconductors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20269-20275.	8.0	12
122	CO ₂ -responsive diethylaminoethyl-modified lignin nanoparticles and their application as surfactants for CO ₂ /N ₂ -switchable Pickering emulsions. <i>Green Chemistry</i> , 2014, 16, 4963-4968.	9.0	173
123	Controlled Radical Polymerization at High Conversion: Bulk ICAR ATRP of Methyl Methacrylate. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3472-3477.	3.7	36
124	Highly CO ₂ /N ₂ -Switchable Zwitterionic Surfactant for Pickering Emulsions at Ambient Temperature. <i>Langmuir</i> , 2014, 30, 10248-10255.	3.5	87
125	Oxygen and Carbon Dioxide Dual Responsive Nanoaggregates of Fluoro- and Amino-Containing Copolymer. <i>ACS Macro Letters</i> , 2014, 3, 743-746.	4.8	66
126	Achieving High Conversion Bulk ATRP with Good Livingness and Well Controlled by Design and Optimization of Polymerization Temperature Profile. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 771-776.	1.5	15

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127	Modeling and Simulation of Complex Polymerization Reactions. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 107-109.	1.4	2
128	Targeting Copolymer Composition Distribution via Model-Based Monomer Feeding Policy in Semibatch RAFT Mini-Emulsion Copolymerization of Styrene and Butyl Acrylate. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 7321-7332.	3.7	26
129	Polyethylenimine-Assisted Extraction of α -Tocopherol from Tocopherol Homologues and CO ₂ -Triggered Fast Recovery of the Extractant. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16025-16032.	3.7	23
130	Using unsorted single-wall carbon nanotubes to enhance mobility of diketopyrrolopyrrole-quarterthiophene copolymer in thin-film transistors. <i>Organic Electronics</i> , 2014, 15, 2639-2646.	2.6	5
131	Modeling molecular weight distribution and effect of termination in controlled radical polymerization: A novel and transformative approach. <i>Journal of Polymer Science Part A</i> , 2014, 52, 639-651.	2.3	21
132	Tandem Action of SNS-Cr and CGC-Ti in Preparation of Ethylene-Hexene Copolymers from Ethylene Feedstock. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1661-1667.	2.2	9
133	Synthesis of low molecular weight polyethylenes and polyethylene mimics with controlled chain structures. <i>Progress in Polymer Science</i> , 2014, 39, 1196-1234.	24.7	14
134	CO ₂ -triggered fast micellization of a liposoluble star copolymer in water. <i>Green Materials</i> , 2014, 2, 82-94.	2.1	14
135	Unsorted single walled carbon nanotubes enabled the fabrication of high performance organic thin film transistors with low cost metal electrodes. <i>Chemical Communications</i> , 2013, 49, 8791.	4.1	5
136	Synthesis of ethylene/octene copolymers with controlled block structures by semibatch living copolymerization. <i>AIChE Journal</i> , 2013, 59, 4686-4695.	3.6	23
137	Living copolymerization of ethylene/octene with fluorinated Fl-Ti catalyst. <i>Journal of Polymer Science Part A</i> , 2013, 51, 405-414.	2.3	26
138	Interfacial Synthesis of Free-Standing Metal-Organic Framework Membranes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1294-1300.	2.0	61
139	Composite Semiconductor Material of Carbon Nanotubes and Poly[5,5-bis(3-dodecyl-2-thienyl)-2,2-bithiophene] for High-Performance Organic Thin-Film Transistors. <i>Journal of Electronic Materials</i> , 2013, 42, 3481-3488.	2.2	8
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