

# Shiping Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1701514/publications.pdf>

Version: 2024-02-01

390  
papers

16,823  
citations

13332

70  
h-index

34195

103  
g-index

403  
all docs

403  
docs citations

403  
times ranked

13825  
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.	7.8	20
2	Stretchable Hydrogels with Low Hysteresis and High Fracture Toughness for Flexible Electronics. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100716.	2.0	9
3	Direct transformation of ZIF-8 into hollow porous carbons and hollow carbon composites. <i>Nano Research</i> , 2022, 15, 5769-5774.	5.8	10
4	Joule heating of ionic conductors using zero-phase frequency alternating current to suppress electrochemical reactions. <i>Engineering</i> , 2022, , .	3.2	4
5	Fluorinated Poly(ionic liquid) Copolymers as Transparent, Strong, and Versatile Adhesive Materials. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3217-3224.	2.0	6
6	Bioinspired Semicrystalline Dynamic Ionogels with Adaptive Mechanics and Tactile Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 20132-20138.	4.0	5
7	Equilibrium and non-equilibrium molecular dynamics approaches for the linear viscoelasticity of polymer melts. <i>Physics of Fluids</i> , 2022, 34, .	1.6	6
8	Fabrication of metal-organic framework-based nanofibrous separator via one-pot electrospinning strategy. <i>Nano Research</i> , 2021, 14, 1465-1470.	5.8	32
9	Improving Dielectric Constant of Polymers through Liquid Electrolyte Inclusion. <i>Advanced Functional Materials</i> , 2021, 31, 2007863.	7.8	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.	2.0	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.	2.0	5
12	Colorimetric Ionic Organohydrogels Mimicking Human Skin for Mechanical Stimuli Sensing and Injury Visualization. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 26490-26497.	4.0	23
13	Highly Transparent, Stretchable, and Conducting Ionoelastomers Based on Poly(ionic liquid)s. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31102-31110.	4.0	39
14	Dynamics and stress relaxation of bidisperse polymer melts with unentangled and moderately entangled chains. <i>Physics of Fluids</i> , 2021, 33, 063105.	1.6	3
15	Metal Oxy-Hydroxides with a Hierarchical and Hollow Structure for Highly Efficient Solar-Thermal Water Evaporation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27726-27733.	4.0	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.	1.9	12
17	Adhering Low Surface Energy Materials without Surface Pretreatment via Ion-Dipole Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41112-41119.	4.0	33
18	All-Solid-State Self-Healing Ionic Conductors Enabled by Ion-Dipole Interactions within Fluorinated Poly(Ionic Liquid) Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41140-41148.	4.0	42

#	ARTICLE	IF	CITATIONS
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.	5.2	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.	1.7	5
21	Engineering bicontinuous polymeric monoliths through high internal phase emulsion templating. <i>Materials Today Communications</i> , 2020, 22, 100813.	0.9	1
22	Reversible Water Transportation Diode: Temperature-Adaptive Smart Janus Textile for Moisture/Thermal Management. <i>Advanced Functional Materials</i> , 2020, 30, 1907851.	7.8	120
23	Developing Continuous Submicron-Scale Conductive Interpenetrating Hydrogel Network in Polyethylene Matrices through Controlled Crazing and Polymerization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 6609-6616.	1.8	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.	2.2	24
25	Thermoplastic Polyolefin Elastomer Blends for Multiple and Reversible Shape Memory Polymers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 19495-19502.	1.8	24
26	Model-Guided Preparation of Copolymer Sequence Distributions through Programmed Semibatch RAFT Mini-Emulsion Styrene/Butyl Acrylate Copolymerization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 18997-19008.	1.8	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.	1.9	7
28	Nature-Inspired Windmill for Water Collection in Complex Windy Environments. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17952-17959.	4.0	17
29	Development of a Highly Sensitive, Broad-Range Hierarchically Structured Reduced Graphene Oxide/PolyHIPE Foam for Pressure Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 4318-4327.	4.0	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.	1.6	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.	0.9	3
32	Let spiropyran help polymers feel force!. <i>Progress in Polymer Science</i> , 2018, 79, 26-39.	11.8	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.	2.3	45
34	Solution Processed Coating of Polyolefin on Melamine Foams to Fabricate Tough Oil Superabsorbents. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800436.	1.7	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.	2.2	32
36	Reversible Shape Memory Polymer from Semicrystalline Poly(ethylene-vinyl acetate) with Dynamic Covalent Polymer Networks. <i>Macromolecules</i> , 2018, 51, 8956-8963.	2.2	71

#	ARTICLE	IF	CITATIONS
37	Mechanically Mediated Atom Transfer Radical Polymerization: Exploring Its Potential at High Conversions. <i>Macromolecules</i> , 2018, 51, 6911-6921.	2.2	37
38	Benzothienobenzothiophene/polyimide blend-based organic phototransistors with double-layer gate dielectric. <i>Organic Electronics</i> , 2018, 59, 349-357.	1.4	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.	1.7	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.	1.7	28
41	Polyolefin Thermoplastics for Multiple Shape and Reversible Shape Memory. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4882-4889.	4.0	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.	1.8	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.	3.2	30
44	Mechanical Force Sensitive Acrylic Latex Coating. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15156-15163.	4.0	35
45	Gas-Responsive Polymers. <i>ACS Macro Letters</i> , 2017, 6, 515-522.	2.3	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.	0.9	20
47	Effects of gate dielectric surface modification on phototransistors with polymer-blended benzo[h][2,3-b]benzothiophene semiconductor thin films. <i>Organic Electronics</i> , 2017, 44, 253-262.	1.4	6
48	Binary Blends of Polyimide and Benzothienobenzothiophene for High-Performance Solution-Processed Organic Phototransistors. <i>Advanced Electronic Materials</i> , 2017, 3, 1700284.	2.6	14
49	Highly Porous Poly(high internal phase emulsion) Membranes with "Open-Cell" Structure and CO <sub>2</sub> -Switchable Wettability Used for Controlled Oil/Water Separation. <i>Langmuir</i> , 2017, 33, 11936-11944.	1.6	72
50	CO <sub>2</sub> /N <sub>2</sub> -Switchable Thermoresponsive Ionic Liquid Copolymer. <i>Macromolecules</i> , 2017, 50, 8378-8389.	2.2	11
51	Preparation of poly(ionic liquid) nanoparticles through RAFT/MADIX polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 5469-5473.	1.9	12
52	Pickering high internal phase emulsions stabilized by worm-like polymeric nanoaggregates. <i>Polymer Chemistry</i> , 2017, 8, 5474-5480.	1.9	43
53	Engineering Elastic ZIF-8 Sponges for Oil-Water Separation. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700560.	1.9	49
54	Synthesis and evaluation of Double-Decker Silsesquioxanes as modifying agent for epoxy resin. <i>Polymer</i> , 2017, 124, 157-167.	1.8	23

#	ARTICLE	IF	CITATIONS
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.	0.9	6
56	Development of Novel Materials from Polymerization of Pickering Emulsion Templates. <i>Advances in Polymer Science</i> , 2017, , 101-119.	0.4	14
57	CO <sub>2</sub> -Switchable Membranes Prepared by Immobilization of CO <sub>2</sub> -Breathing Microgels. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44146-44151.	4.0	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.	0.6	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.	0.9	24
60	Breathable Microgel Colloidosome: Gas-Switchable Microcapsules with O <sub>2</sub> and CO <sub>2</sub> Tunable Shell Permeability for Hierarchical Size-Selective Control Release. <i>Langmuir</i> , 2017, 33, 6108-6115.	1.6	19
61	Factors Affecting Grafting Density in Surface-Initiated ATRP: A Simulation Study. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 220-228.	0.6	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.	0.9	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.	0.9	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.	1.7	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.	1.7	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.	1.4	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.	1.7	5
68	Oxygen-switchable thermo-responsive random copolymers. <i>Polymer Chemistry</i> , 2016, 7, 5456-5462.	1.9	16
69	Photo-inactive divinyl spiropyran mechanophore cross-linker for real-time stress sensing. <i>Polymer</i> , 2016, 99, 521-528.	1.8	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.	5.0	56
71	Improvement on stability of polymeric latexes prepared by emulsion ATRP through copper removal using electrolysis. <i>Polymer</i> , 2016, 106, 261-266.	1.8	16
72	MOFsomes via Transient Pickering Emulsion Template. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600294.	1.9	7

#	ARTICLE	IF	CITATIONS
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.	11.1	369
74	CO <sub>2</sub> -Breathing Induced Reversible Activation of Mechanophore within Microgels. <i>Macromolecular Rapid Communications</i> , 2016, 37, 957-962.	2.0	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 &amp; Interfaces</i> , 2016, 8, 17395-17401.	4.0	127
76	Oxygen and Carbon Dioxide Dual Gas-Switchable Thermoresponsive Homopolymers. <i>ACS Macro Letters</i> , 2016, 5, 828-832.	2.3	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.	3.2	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.	1.8	12
79	Effect of Polymer Binders on UV-Responsive Organic Thin-Film Phototransistors with Benzothienobenzothiophene Semiconductor. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3744-3754.	4.0	18
80	Synthesis of a novel type of octyltetramethyldisiloxane-containing olefinic macromonomer and its copolymerization with ethylene. <i>Polymer</i> , 2016, 83, 20-26.	1.8	9
81	Toward Understanding of Branching in RAFT Copolymerization of Methyl Methacrylate through a Cleavable Dimethacrylate. <i>Macromolecules</i> , 2016, 49, 752-759.	2.2	21
82	Employing Gradient Copolymer To Achieve Gel Polymer Electrolytes with High Ionic Conductivity. <i>Macromolecules</i> , 2016, 49, 2179-2188.	2.2	26
83	Progress in reactor engineering of controlled radical polymerization: a comprehensive review. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 23-59.	1.9	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.	0.6	19
85	Polymer Reaction Engineering in China. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 382-384.	0.9	0
86	CO <sub>2</sub> -Redispersible Polymer Latexes with Low Glass Transition Temperatures. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 561-568.	1.1	12
87	Highly UV-Sensitive and Responsive Benzothiophene/Dielectric Polymer Blend-Based Organic Thin-Film Phototransistor. <i>Advanced Electronic Materials</i> , 2015, 1, 1500119.	2.6	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.	0.9	27
89	Surface-Initiated Atom Transfer Radical Polymerization. <i>Advances in Polymer Science</i> , 2015, , 29-76.	0.4	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.	2.0	35

#	ARTICLE	IF	CITATIONS
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.	0.9	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.	2.0	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.	1.6	47
94	Modeling and theoretical development in controlled radical polymerization. <i>Progress in Polymer Science</i> , 2015, 45, 71-101.	11.8	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.	2.2	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.	1.9	22
97	Macromol. Rapid Commun. 3/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 340-340.	2.0	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.	2.2	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 <sub>2</sub> as Latent Blowing Agent. <i>ACS Macro Letters</i> , 2015, 4, 693-697.	2.3	26
101	Elastomeric properties of ethylene/1-octene random and block copolymers synthesized from living coordination polymerization. <i>Polymer</i> , 2015, 72, 118-124.	1.8	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.	2.7	25
103	Ionic Liquids: Versatile Media for Preparation of Vesicles from Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2015, 4, 755-758.	2.3	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.	1.9	15
105	Method of moments: A versatile tool for deterministic modeling of polymerization kinetics. <i>European Polymer Journal</i> , 2015, 68, 139-160.	2.6	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.	0.9	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.	2.2	51
108	Preparation of raspberry-like ZIF-8/PS composite spheres via dispersion polymerization. <i>Dalton Transactions</i> , 2015, 44, 16752-16757.	1.6	24



#	ARTICLE	IF	CITATIONS
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.	1.8	14
110	Lignin Reverse Micelles for UV-Absorbing and High Mechanical Performance Thermoplastics. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 12025-12030.	1.8	73
111	Development of Epoxy Foaming with CO <sub>2</sub> as Latent Blowing Agent and Principle in Selection of Amine Curing Agent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 11056-11064.	1.8	20
112	High Temperature High Pressure Tandem Polymerization of Ethylene for Synthesis of Ethylene-1-Hexene Copolymers from Single Reactor with SNSr and CGCt Catalysts. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 32-39.	0.9	10
113	Preparation of metal-organic framework films by electrophoretic deposition method. <i>Materials Letters</i> , 2015, 142, 19-22.	1.3	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.	1.7	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.	11.1	54
116	Lignin: a nature-inspired sun blocker for broad-spectrum sunscreens. <i>Green Chemistry</i> , 2015, 17, 320-324.	4.6	352
117	Oxygen-Nitrogen Switchable Copolymers of 2,2,2-Trifluoroethyl Methacrylate and N,N-Dimethylaminoethyl Methacrylate. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1692-1696.	2.0	26
118	Development of Molecular Weight Distribution in ATRP with Radical Termination. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 227-240.	0.6	13
119	Surfactant-Ligand Design for <i>in situ</i> Emulsion Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2014, 47, 7701-7706.	2.2	19
120	Structure analysis of ethylene/1-octene copolymers synthesized from living coordination polymerization. <i>European Polymer Journal</i> , 2014, 54, 160-171.	2.6	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 &amp; Interfaces</i> , 2014, 6, 20269-20275.	4.0	12
122	CO <sub>2</sub> -responsive diethylaminoethyl-modified lignin nanoparticles and their application as surfactants for CO <sub>2</sub> /N <sub>2</sub> -switchable Pickering emulsions. <i>Green Chemistry</i> , 2014, 16, 4963-4968.	4.6	173
123	Controlled Radical Polymerization at High Conversion: Bulk ICAR ATRP of Methyl Methacrylate. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 3472-3477.	1.8	36
124	Highly CO <sub>2</sub> /N <sub>2</sub> -Switchable Zwitterionic Surfactant for Pickering Emulsions at Ambient Temperature. <i>Langmuir</i> , 2014, 30, 10248-10255.	1.6	87
125	Oxygen and Carbon Dioxide Dual Responsive Nanoaggregates of Fluoro- and Amino-Containing Copolymer. <i>ACS Macro Letters</i> , 2014, 3, 743-746.	2.3	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.	0.9	15



#	ARTICLE	IF	CITATIONS
127	Modeling and Simulation of Complex Polymerization Reactions. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 107-109.	0.6	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 &amp; Engineering Chemistry Research</i> , 2014, 53, 7321-7332.	1.8	26
129	Polyethylenimine-Assisted Extraction of $\alpha$ -Tocopherol from Tocopherol Homologues and CO <sub>2</sub> -Triggered Fast Recovery of the Extractant. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16025-16032.	1.8	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.	1.4	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.	2.5	21
132	Tandem Action of SNS <sup>Cr</sup> and CGC <sup>Ti</sup> in Preparation of Ethylene <sup>1</sup> -Hexene Copolymers from Ethylene Feedstock. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1661-1667.	1.1	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.	11.8	14
134	CO <sub>2</sub> -triggered fast micellization of a liposoluble star copolymer in water. <i>Green Materials</i> , 2014, 2, 82-94.	1.1	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.	2.2	5
136	Synthesis of ethylene/1-octene copolymers with controlled block structures by semibatch living copolymerization. <i>AIChE Journal</i> , 2013, 59, 4686-4695.	1.8	23
137	Living copolymerization of ethylene/1-octene with fluorinated Fl <sup>Ti</sup> catalyst. <i>Journal of Polymer Science Part A</i> , 2013, 51, 405-414.	2.5	26
138	Interfacial Synthesis of Free-Standing Metal-Organic Framework Membranes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1294-1300.	1.0	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.	1.0	8
140	Switchable Block Copolymer Surfactants for Preparation of Reversibly Coagulatable and Redispersible Poly(methyl methacrylate) Latexes. <i>Macromolecules</i> , 2013, 46, 1261-1267.	2.2	73
141	Design and Synthesis of Poly(butyl acrylate) Networks through RAFT Polymerization with Crosslinking for Controlled Release Applications. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 391-399.	1.7	18
142	Bulk Synthesis and Modeling of Living ROMP of 1,5-cyclooctadiene for Narrowly Distributed Low Molecular Weight Linear Polyethylenes. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 684-698.	0.9	9
143	Fabrication of Polyelectrolyte/TiO <sub>2</sub> Hybrid Membrane via a Simple Method and Characterization of its Thermal Behavior. <i>Advanced Materials Research</i> , 2012, 602-604, 1484-1487.	0.3	1
144	Kinetics and Modeling of Semi-Batch RAFT Copolymerization with Hyperbranching. <i>Macromolecules</i> , 2012, 45, 28-38.	2.2	59

#	ARTICLE	IF	CITATIONS
145	Termination of Surface Radicals and Kinetic Analysis of Surface-Initiated RAFT Polymerization on Flat Surfaces. <i>Macromolecular Theory and Simulations</i> , 2012, 21, 602-614.	0.6	29
146	Termination of Surface Radicals and Kinetic Modeling of ATRP Grafting from Flat Surfaces by Addition of Deactivator. <i>Macromolecules</i> , 2012, 45, 1198-1207.	2.2	56
147	Preparation of N <sub>2</sub> /CO <sub>2</sub> Triggered Reversibly Coagulatable and Redispersible Latexes by Emulsion Polymerization of Styrene with a Reactive Switchable Surfactant. <i>Langmuir</i> , 2012, 28, 5940-5946.	1.6	95
148	Modification of Polyurethane with Polyethylene Glycol-Corn Trypsin Inhibitor for Inhibition of Factor XIIa in Blood Contact. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1981-1993.	1.9	12
149	Fabrication and Performance of a Photonic-Microfluidic Integrated Device. <i>Micromachines</i> , 2012, 3, 62-77.	1.4	15
150	Effect of long chain branching on nonisothermal crystallization behavior of polyethylenes synthesized with constrained geometry catalyst. <i>Polymer Engineering and Science</i> , 2012, 52, 21-34.	1.5	35
151	Magnetic Organosilica Nanoparticles for Localized Polymer Surface Modification. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 263-271.	1.7	12
152	Preparation of CO <sub>2</sub> /N <sub>2</sub> -Triggered Reversibly Coagulatable and Redispersible Polyacrylate Latexes by Emulsion Polymerization Using a Polymeric Surfactant. <i>Macromolecular Rapid Communications</i> , 2012, 33, 916-921.	2.0	92
153	Synthesis and Characterization of PE-b-POEGMA Copolymers Prepared by Linear/Hyperbranched Telechelic Polyethylene-Initiated ATRP of Oligo(ethylene glycol) Methacrylates. <i>ACS Symposium Series</i> , 2012, , 39-64.	0.5	5
154	Design and evaluation of a thermochromic roof system for energy saving based on poly(N-isopropylacrylamide) aqueous solution. <i>Energy and Buildings</i> , 2012, 48, 175-179.	3.1	22
155	Dual surface modification with PEG and corn trypsin inhibitor: Effect of PEG:CTI ratio on protein resistance and anticoagulant properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 856-862.	2.1	11
156	Toward Well-Controlled ab Initio RAFT Emulsion Polymerization of Styrene Mediated by 2-(((Dodecylsulfanyl)carbonothioyl)sulfanyl)propanoic Acid. <i>Macromolecules</i> , 2011, 44, 221-229.	2.2	62
157	Reversibly Coagulatable and Redispersible Polystyrene Latex Prepared by Emulsion Polymerization of Styrene Containing Switchable Amidine. <i>Macromolecules</i> , 2011, 44, 6539-6545.	2.2	94
158	pH Responsivity and Micelle Formation of Gradient Copolymers of Methacrylic Acid and Methyl Methacrylate in Aqueous Solution. <i>Langmuir</i> , 2011, 27, 11306-11315.	1.6	56
159	Kinetics and Modeling of Solution ARGET ATRP of Styrene, Butyl Acrylate, and Methyl Methacrylate. <i>Macromolecular Reaction Engineering</i> , 2011, 5, 467-478.	0.9	52
160	Novel Polymeric Surfadditives Synthesized via Atom Transfer Radical Polymerization and Their Surface Migration Properties. <i>Macromolecular Reaction Engineering</i> , 2011, 5, 443-452.	0.9	2
161	Methacrylate polymer layers bearing poly(ethylene oxide) and phosphorylcholine side chains as non-fouling surfaces: In vitro interactions with plasma proteins and platelets. <i>Acta Biomaterialia</i> , 2011, 7, 3692-3699.	4.1	73
162	Surface modification with polyethylene glycol-corn trypsin inhibitor conjugate to inhibit the contact factor pathway on blood-contacting surfaces. <i>Acta Biomaterialia</i> , 2011, 7, 4177-4186.	4.1	21

#	ARTICLE	IF	CITATIONS
163	Formation of bowtie-shaped excitation in a photonic microfluidic integrated devices. <i>Microwave and Optical Technology Letters</i> , 2011, 53, 2583-2586.	0.9	2
164	Modeling the Effects of Reactor Backmixing on RAFT Polymerization. <i>Macromolecular Reaction Engineering</i> , 2011, 5, 55-68.	0.9	18
165	Modeling analysis of chain transfer in reversible addition-fragmentation chain transfer polymerization. <i>Journal of Applied Polymer Science</i> , 2011, 122, 497-508.	1.3	15
166	Influence of chain microstructure on ethylene-norbornene copolymer film properties. <i>Journal of Applied Polymer Science</i> , 2011, 121, 707-710.	1.3	5
167	Controlled chattering on PMMA and epoxy: Effect of crosslinking and cutting speed on pattern formation. <i>Polymer</i> , 2011, 52, 2025-2031.	1.8	4
168	A one-step approach for the fabrication of polymer and metal nanowires. <i>Nanotechnology</i> , 2011, 22, 265305.	1.3	0
169	Diffusion of semi-flexible polyelectrolyte through nanochannels. <i>AIChE Journal</i> , 2010, 56, 1684-1692.	1.8	4
170	A microfluidic-photonic-integrated device with enhanced excitation power density. <i>Proceedings of SPIE</i> , 2010, , .	0.8	4
171	Kinetic Modeling of Surface-Initiated Atom Transfer Radical Polymerization. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 235-250.	0.9	41
172	Reaction Engineering and Industrial Aspects of Controlled/Living Radical Polymerization. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 163-164.	0.9	4
173	ATRP grafting of oligo(ethylene glycol) methacrylates from gold surface - Effect of monomer size on grafted chain and EO unit densities. <i>Canadian Journal of Chemistry</i> , 2010, 88, 411-417.	0.6	9
174	Protein-resistant polyurethane by sequential grafting of poly(2-hydroxyethyl methacrylate) and poly(oligo(ethylene glycol) methacrylate) via surface-initiated ATRP. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 1223-1232.	2.1	31
175	The effect of ligand molecular weight on copper salt catalyzed oxidative coupling polymerization of 2,6-dimethylphenol. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3473-3481.	1.3	2
176	Stability study of inverse suspension copolymerization of 1,1,3,3-tetramethylguanidium acrylate and N-methylenebisacrylamide. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1450-1454.	1.3	0
177	Fabrication of Photonic/Microfluidic Integrated Devices Using an Epoxy Photoresist. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 559-565.	1.7	14
178	Nanoscale patterning through self-assembly of hydrophilic block copolymers with one chain end constrained to surface. <i>Polymer</i> , 2010, 51, 1771-1778.	1.8	20
179	Surface modification with PEG and hirudin for protein resistance and thrombin neutralization in blood contact. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 389-396.	2.5	79
180	Hybrid atom transfer radical polymerization system for balanced polymerization rate and polymer molecular weight control. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2294-2301.	2.5	14

#	ARTICLE	IF	CITATIONS
181	One-step synthesis of hyperbranched polyethylene macroinitiator and its block copolymers with methyl methacrylate or styrene via ATRP. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3024-3032.	2.5	41
182	Higher-molecular-weight hyperbranched polyethylenes containing crosslinking structures as lubricant viscosity-index improvers. <i>Polymer Engineering and Science</i> , 2010, 50, 911-918.	1.5	37
183	Protein-Resistant Materials via Surface-Initiated Atom Transfer Radical Polymerization of 2-Methacryloyloxyethyl Phosphorylcholine. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 1331-1344.	1.9	21
184	Controlled chattering—a new “cutting-edge”™ technology for nanofabrication. <i>Nanotechnology</i> , 2010, 21, 355302.	1.3	5
185	Polystyrene- <i>block</i> -poly( <i>n</i> -butyl acrylate)- <i>block</i> -polystyrene Triblock Copolymer Thermoplastic Elastomer Synthesized via RAFT Emulsion Polymerization. <i>Macromolecules</i> , 2010, 43, 7472-7481.	2.2	119
186	Facile Inkjet-Printing Self-Aligned Electrodes for Organic Thin-Film Transistor Arrays with Small and Uniform Channel Length. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2189-2192.	4.0	35
187	Synthesis and Characterization of Hyperbranched Polyacrylamide Using Semibatch Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. <i>Macromolecules</i> , 2010, 43, 4062-4069.	2.2	56
188	Formation and characterization of an ideal excitation beam geometry in an optofluidic device. <i>Biomedical Optics Express</i> , 2010, 1, 848.	1.5	23
189	High-Performance Polythiophene Thin-Film Transistors Processed with Environmentally Benign Solvent. <i>Macromolecules</i> , 2010, 43, 6368-6373.	2.2	29
190	Gelation Kinetics of RAFT Radical Copolymerization of Methacrylate and Dimethacrylate. <i>ACS Symposium Series</i> , 2009, , 181-193.	0.5	6
191	Inkjet printing narrow electrodes with $\approx 50\text{ nm}$ line width and channel length for organic thin-film transistors. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	58
192	Model development for semicontinuous production of ethylene and norbornene copolymers having uniform composition. <i>AIChE Journal</i> , 2009, 55, 663-674.	1.8	6
193	Protein-resistant polyurethane via surface-initiated atom transfer radical polymerization of oligo(ethylene glycol) methacrylate. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 91A, 1189-1201.	2.1	30
194	Preparation of Polar Ethylene-Norbornene Copolymers by Metallocene Terpolymerization with Triisobutylaluminum-Protected But-3-en-1-ol. <i>Macromolecular Rapid Communications</i> , 2009, 30, 548-553.	2.0	28
195	Model-based design and synthesis of gradient MMA/ <i>t</i> -BMA copolymers by computer-programmed semibatch atom transfer radical copolymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 69-79.	2.5	42
196	Effect of monomer composition on apparent chain transfer coefficient in reversible addition fragmentation transfer (RAFT) copolymerization. <i>Polymer</i> , 2009, 50, 802-809.	1.8	13
197	Comparison of reaction kinetics and gelation behaviors in atom transfer, reversible addition-fragmentation chain transfer and conventional free radical copolymerization of oligo(ethylene glycol) methyl ether methacrylate and oligo(ethylene glycol) dimethacrylate. <i>Polymer</i> , 2009, 50, 3488-3494.	1.8	54
198	Preparation of Ni-g-polymer core-shell nanoparticles by surface-initiated atom transfer radical polymerization. <i>Polymer</i> , 2009, 50, 4293-4298.	1.8	23

#	ARTICLE	IF	CITATIONS
199	Protein-resistant polyurethane prepared by surface-initiated atom transfer radical graft polymerization (ATRGp) of water-soluble polymers: Effects of main chain and side chain lengths of grafts. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 70, 53-59.	2.5	42
200	Preparation and SO <sub>2</sub> Sorption/Desorption Behavior of an Ionic Liquid Supported on Porous Silica Particles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 2142-2148.	1.8	93
201	Novel High-Performance Liquid-Crystalline Organic Semiconductors for Thin-Film Transistors. <i>Chemistry of Materials</i> , 2009, 21, 2727-2732.	3.2	46
202	Chain Conformation of a New Class of PEG-Based Thermoresponsive Polymer Brushes Grafted on Silicon as Determined by Neutron Reflectometry. <i>Langmuir</i> , 2009, 25, 10271-10278.	1.6	79
203	Polypropylene and Ethylene-Propylene Copolymer Reactor Alloys Prepared by Metallocene/Ziegler-Natta Hybrid Catalyst. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 8349-8355.	1.8	20
204	Phase Behavior of Ternary Homopolymer/Gradient Copolymer Blends. <i>Macromolecules</i> , 2009, 42, 2275-2285.	2.2	41
205	Ab Initio Batch Emulsion RAFT Polymerization of Styrene Mediated by Poly(acrylic acid- <i>b</i> -styrene) Trithiocarbonate. <i>Macromolecules</i> , 2009, 42, 6414-6421.	2.2	115
206	Modeling of Branching and Gelation in RAFT Copolymerization of Vinyl/Divinyl Systems. <i>Macromolecules</i> , 2009, 42, 85-94.	2.2	81
207	RAFT GRAFTING POLYMERIZATION OF MMA/St FROM SURFACE OF SILICON WAFER. <i>Acta Polymerica Sinica</i> , 2009, 007, 699-704.	0.0	0
208	Surface modification of active metals through atom transfer radical polymerization grafting of acrylics. <i>Applied Surface Science</i> , 2008, 254, 6802-6809.	3.1	39
209	Interactions of poly(2-methacryloyloxyethyl phosphorylcholine) with various salts studied by size exclusion chromatography. <i>Colloid and Polymer Science</i> , 2008, 286, 1443-1454.	1.0	30
210	Effect of rate retardation in RAFT grafting polymerization from silicon wafer surface. <i>Journal of Polymer Science Part A</i> , 2008, 46, 970-978.	2.5	30
211	Diffusion-controlled atom transfer radical polymerization with crosslinking. <i>Polymer Engineering and Science</i> , 2008, 48, 1254-1260.	1.5	15
212	Reaction Behavior and Network Development in RAFT Radical Polymerization of Dimethacrylates. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 551-556.	1.1	75
213	Semibatch RAFT polymerization for producing ST/BA copolymers with controlled gradient composition profiles. <i>AIChE Journal</i> , 2008, 54, 1073-1087.	1.8	67
214	Synthesis and characterization of hyperbranched polyethylenes containing cross-linking structures by chain walking copolymerization of ethylene with diacrylate comonomer. <i>Polymer</i> , 2008, 49, 3382-3392.	1.8	35
215	Zwitterionic polyethersulfone ultrafiltration membrane with superior antifouling property. <i>Journal of Membrane Science</i> , 2008, 319, 271-278.	4.1	159
216	Modification of polyethersulfone ultrafiltration membranes with phosphorylcholine copolymer can remarkably improve the antifouling and permeation properties. <i>Journal of Membrane Science</i> , 2008, 322, 171-177.	4.1	114

#	ARTICLE	IF	CITATIONS
217	g and kinetics of tandem polymerization of ethylene catalyzed by bis(2-dodecylsulfanyl-ethyl)amine- $\text{CrCl}_3$ and		

#	ARTICLE	IF	CITATIONS
235	A facile method for synthesis of pegylated polyethersulfone and its application in fabrication of antifouling ultrafiltration membrane. <i>Journal of Membrane Science</i> , 2007, 303, 204-212.	4.1	155
236	Development of networks in atom transfer radical polymerization of dimethacrylates. <i>Polymer</i> , 2007, 48, 7058-7064.	1.8	62
237	Fundamentals and development of high-efficiency supported catalyst systems for atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 553-565.	2.5	54
238	Kinetics of methyl methacrylate and n-butyl acrylate copolymerization mediated by 2-cyanoprop-2-yl dithiobenzoate as a RAFT agent. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3098-3111.	2.5	14
239	Synthesis of ethylene-1-hexene copolymers from ethylene stock by tandem action of bis(2-dodecylsulfanyl-ethyl) amine-CrCl <sub>3</sub> and Et(Ind) <sub>2</sub> ZrCl <sub>2</sub> . <i>Journal of Polymer Science Part A</i> , 2007, 45, 3562-3569.	2.5	26
240	Effect of Reversible Addition-Fragmentation Transfer (RAFT) Reactions on (Mini)emulsion Polymerization Kinetics and Estimate of RAFT Equilibrium Constant. <i>Macromolecules</i> , 2006, 39, 1328-1337.	2.2	115
241	Protein resistant surfaces: Comparison of acrylate graft polymers bearing oligo-ethylene oxide and phosphorylcholine side chains. <i>Biointerphases</i> , 2006, 1, 50-60.	0.6	141
242	Feasibility Analysis of Surface Mediation in Supported Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2006, 39, 4690-4695.	2.2	22
243	Synthesis and Thin-Film Transistor Performance of Poly(4,8-didodecylbenzo[1,2-b:4,5-b']dithiophene). <i>Chemistry of Materials</i> , 2006, 18, 3237-3241.	3.2	130
244	Enabling Gate Dielectric Design for All Solution-Processed, High-Performance, Flexible Organic Thin-Film Transistors. <i>Journal of the American Chemical Society</i> , 2006, 128, 4554-4555.	6.6	117
245	Thermal-initiated reversible addition-fragmentation chain transfer polymerization of methyl methacrylate in the presence of oxygen. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3343-3354.	2.5	60
246	Surface-initiated atom transfer radical polymerization grafting of poly(2,2,2-trifluoroethyl) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 302 Td	2.5	45
247	Emulsion atom transfer radical block copolymerization of 2-ethylhexyl methacrylate and methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1914-1925.	2.5	34
248	Non-biofouling materials prepared by atom transfer radical polymerization grafting of 2-methacryloyloxyethyl phosphorylcholine: Separate effects of graft density and chain length on protein repulsion. <i>Biomaterials</i> , 2006, 27, 847-855.	5.7	320
249	Loss in Activity and Catalyst Recyclability in Batch and Continuous Supported Atom Transfer Radical Polymerization. <i>ACS Symposium Series</i> , 2006, , 85-97.	0.5	4
250	Surface-initiated atom transfer radical polymerization of polyhedral oligomeric silsesquioxane (POSS) methacrylate from flat silicon wafer. <i>Polymer</i> , 2006, 47, 1119-1123.	1.8	51
251	Counter diffusion self-assembly synthesis of nanostructured silica membranes. <i>Journal of Membrane Science</i> , 2006, 282, 266-275.	4.1	25
252	Differential scanning calorimetry of copolymer of isotactic polypropylene backbone with grafted poly(ethylene-co-propylene) branches. <i>Journal of Applied Polymer Science</i> , 2006, 99, 3380-3388.	1.3	2



#	ARTICLE	IF	CITATIONS
253	Kinetic Behavior of Atom Transfer Radical Polymerization of Dimethacrylates. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 287-294.	1.1	44
254	Morphological and Physical Properties of Triblock Copolymers of Methyl Methacrylate and 2-Ethylhexyl Methacrylate. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 1104-1118.	1.7	4
255	Effect of Chain Straightening on Plateau Modulus and Entanglement Molecular Weight of Ni-diimine Poly(1-hexene)s. <i>Macromolecular Rapid Communications</i> , 2006, 27, 871-876.	2.0	20
256	Chain Orientation in Polyethylene Fibers Prepared by Ethylene Nanoextrusion Polymerization. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1217-1222.	2.0	10
257	Preparation and SO <sub>2</sub> Absorption/Desorption Properties of Crosslinked Poly(1,1,3,3-Tetramethylguanidine Acrylate) Porous Particles. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1949-1954.	2.0	41
258	Design and Control of Copolymer Composition Distribution in Living Radical Polymerization Using Semi-Batch Feeding Policies: A Model Simulation. <i>Macromolecular Theory and Simulations</i> , 2006, 15, 356-368.	0.6	77
259	Facile and Effective Purification of Polymers Produced by Atom Transfer Radical Polymerization via Simple Catalyst Precipitation and Microfiltration. <i>Macromolecules</i> , 2006, 39, 3-5.	2.2	44
260	Kinetics of Propylene Bulk Polymerization with a Spherical Ziegler-Natta Catalyst. <i>Studies in Surface Science and Catalysis</i> , 2006, 161, 253-270.	1.5	0
261	Branched-PE/i-PP Reactor Blends Prepared through Ethylene Gas-Phase Polymerization Catalyzed by $\text{Ni}^{\pm}$ -Diimine Nickel Supported on iPP Particles. <i>Studies in Surface Science and Catalysis</i> , 2006, , 245-252.	1.5	3
262	Synthesis of reactor blend of linear and branched polyethylene using metallocene/Ni-diimine binary catalyst system in a single reactor. <i>Journal of Applied Polymer Science</i> , 2005, 96, 2212-2217.	1.3	8
263	Long-Chain Branching and Rheological Properties of Ethylene-1-Hexene Copolymers Synthesized from Ethylene Stock by Concurrent Tandem Catalysis. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 2096-2105.	1.1	30
264	Surface-Initiated Atom Transfer Radical Polymerization of Oligo(ethylene glycol) Methacrylate: Effect of Solvent on Graft Density. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1383-1388.	2.0	71
265	Emulsion atom transfer radical polymerization of 2-ethylhexyl methacrylate. <i>Polymer</i> , 2005, 46, 5484-5493.	1.8	52
266	Complexation of well-controlled low-molecular weight polyelectrolytes with antisense oligonucleotides. <i>Colloid and Polymer Science</i> , 2005, 283, 1197-1205.	1.0	8
267	Branching and gelation in atom transfer radical polymerization of methyl methacrylate and ethylene glycol dimethacrylate. <i>Polymer Engineering and Science</i> , 2005, 45, 720-727.	1.5	98
268	Control of the polymer molecular weight in atom transfer radical polymerization with branching/crosslinking. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5710-5714.	2.5	58
269	Heterogeneous Atom Transfer Radical Polymerization of Methyl Methacrylate at Low Metal Salt Concentrations. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 677-685.	1.8	20
270	Adsorption of Fibrinogen and Lysozyme on Silicon Grafted with Poly(2-methacryloyloxyethyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 67 T 5980-5987.	1.6	342

#	ARTICLE	IF	CITATIONS
271	Controlled orientation of liquid-crystalline polythiophene semiconductors for high-performance organic thin-film transistors. <i>Applied Physics Letters</i> , 2005, 86, 142102.	1.5	130
272	Atom-transfer radical grafting polymerization of 2-methacryloyloxyethyl phosphorylcholine from silicon wafer surfaces. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2931-2942.	2.5	151
273	Direct synthesis of linear low-density polyethylene of ethylene/1-hexene from ethylene with a tandem catalytic system in a single reactor. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4327-4336.	2.5	36
274	Rheological and thermomechanical properties of long-chain-branched polyethylene prepared by slurry polymerization with metallocene catalysts. <i>Journal of Applied Polymer Science</i> , 2004, 92, 307-316.	1.3	29
275	Syndiospecific styrene polymerization with CpTiCl <sub>3</sub> /MAO: Effects of the order of reactant addition on polymerization and polymer properties. <i>Journal of Applied Polymer Science</i> , 2004, 94, 1449-1455.	1.3	6
276	Melt Rheological Properties of Branched Polyethylenes Produced with Pd- and Ni-diimine Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 897-906.	1.1	54
277	A Tandem Catalytic System for the Synthesis of Ethylene-Hex-1-ene Copolymers from Ethylene Stock. <i>Macromolecular Rapid Communications</i> , 2004, 25, 647-652.	2.0	40
278	Heterogeneity Features of Bulk Atom Transfer Radical Polymerization of Methyl Methacrylate in an Ampoule Reactor. <i>Macromolecular Rapid Communications</i> , 2004, 25, 925-929.	2.0	5
279	Location of the Catalytic Site in Supported Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2004, 25, 991-994.	2.0	29
280	Dynamic mechanical and rheological properties of metallocene-catalyzed long-chain-branched ethylene/propylene copolymers. <i>Polymer</i> , 2004, 45, 5497-5504.	1.8	41
281	Triple-detector GPC characterization and processing behavior of long-chain-branched polyethylene prepared by solution polymerization with constrained geometry catalyst. <i>Polymer</i> , 2004, 45, 6495-6505.	1.8	110
282	Ethylene polymerization with homogeneous nickel-diimine catalysts: effects of catalyst structure and polymerization conditions on catalyst activity and polymer properties. <i>Polymer</i> , 2004, 45, 6823-6829.	1.8	49
283	Synthesis and Rheological Properties of Long-Chain-Branched Isotactic Polypropylenes Prepared by Copolymerization of Propylene and Nonconjugated Dienes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 2860-2870.	1.8	88
284	Microscopic Studies on Liquid Crystal Poly(3,3'-di-alkylquaterthiophene) Semiconductor. <i>Macromolecules</i> , 2004, 37, 8307-8312.	2.2	86
285	ESR Study and Radical Observation in Transition Metal-Mediated Polymerization: Unified View of Atom Transfer Radical Polymerization Mechanism. <i>ACS Symposium Series</i> , 2003, , 161-179.	0.5	0
286	Ethylene Polymerization with Silica-Supported Nickel-Diimine Catalyst: Effect of Support and Polymerization Conditions on Catalyst Activity and Polymer Properties. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1653-1659.	1.1	69
287	Atom Transfer Radical Block Copolymerization of 2-(N,N-Dimethylamino)ethyl Methacrylate and 2-Hydroxyethyl Methacrylate. <i>Macromolecular Materials and Engineering</i> , 2003, 288, 925-935.	1.7	38
288	Synthesis and Characterization of Long-Chain-Branched Polyolefins with Metallocene Catalysts: Copolymerization of Ethylene with Poly(ethylene-co-propylene) Macromonomer. <i>Macromolecular Rapid Communications</i> , 2003, 24, 311-315.	2.0	23

#	ARTICLE	IF	CITATIONS
289	Calculations of Monomer Conversion and Radical Concentration in Reversible Addition-Fragmentation Chain Transfer Radical Polymerization. <i>Macromolecular Theory and Simulations</i> , 2003, 12, 663-668.	0.6	16
290	Effects of Diffusion-Controlled Radical Reactions on RAFT Polymerization. <i>Macromolecular Theory and Simulations</i> , 2003, 12, 196-208.	0.6	72
291	Electron spin resonance spectroscopy study on reduction of constrained-geometry catalyst systems. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2474-2482.	1.3	4
292	Catalyst impregnation and ethylene polymerization with mesoporous particle supported nickel-diimine catalyst. <i>Polymer</i> , 2003, 44, 969-980.	1.8	73
293	Morphological and mechanical properties of nascent polyethylene fibers produced via ethylene extrusion polymerization with a metallocene catalyst supported on MCM-41 particles. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 2433-2443.	2.4	56
294	Synthesis of branched polypropylene with isotactic backbone and atactic side chains by binary iron and zirconium single-site catalysts. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1152-1159.	2.5	45
295	Modeling the reversible addition-fragmentation transfer polymerization process. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1553-1566.	2.5	123
296	A difference of six orders of magnitude: A reply to "the magnitude of the fragmentation rate coefficient?". <i>Journal of Polymer Science Part A</i> , 2003, 41, 2833-2839.	2.5	131
297	Newtonian Flow Behavior of Hyperbranched High-Molecular-Weight Polyethylenes Produced with a Pd <sup>II</sup> -Diimine Catalyst and Its Dependence on Chain Topology. <i>Macromolecules</i> , 2003, 36, 2194-2197.	2.2	78
298	Controlled Grafting of Well-Defined Polymers on Hydrogen-Terminated Silicon Substrates by Surface-Initiated Atom Transfer Radical Polymerization. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10198-10205.	1.2	119
299	Direct Synthesis of Well-Defined Quaternized Homopolymers and Diblock Copolymers via ATRP in Protic Media. <i>Macromolecules</i> , 2003, 36, 8268-8275.	2.2	141
300	Cyclic CVD Modification of Straight Pore Alumina Membranes. <i>Langmuir</i> , 2003, 19, 7307-7314.	1.6	24
301	Distribution of molecular weight and composition in diblock copolymers. <i>E-Polymers</i> , 2003, 3, .	1.3	0
302	Copolymerization of Propylene with Poly(ethylene-co-propylene) Macromonomer and Branch Chain-Length Dependence of Rheological Properties. <i>Macromolecules</i> , 2002, 35, 10062-10070.	2.2	66
303	ESR Study on Diffusion-Controlled Atom Transfer Radical Polymerization of Methyl Methacrylate and Ethylene Glycol Dimethacrylate. <i>Macromolecules</i> , 2002, 35, 9926-9933.	2.2	64
304	Molecular-Weight-Dependence on Domain Formation of Grafted Poly(ethylene-co-propylene) in a Poly(propylene) Matrix. <i>Macromolecular Rapid Communications</i> , 2002, 23, 470.	2.0	10
305	Effects of diffusion-controlled reactions on atom-transfer radical polymerization. <i>AIChE Journal</i> , 2002, 48, 2597-2608.	1.8	99
306	Continuous atom transfer radical block copolymerization of methacrylates. <i>AIChE Journal</i> , 2002, 48, 2609-2619.	1.8	58

#	ARTICLE	IF	CITATIONS
307	Atom-Transfer Radical Polymerization of 2-(N,N-Dimethylamino)ethyl Acrylate. <i>Macromolecular Rapid Communications</i> , 2002, 23, 1113-1117.	2.0	32
308	Acidic and basic hydrolysis of poly(N-vinylformamide). <i>Journal of Applied Polymer Science</i> , 2002, 86, 3412-3419.	1.3	80
309	Synthesis and flocculation performance of graft copolymer of N-vinylformamide and poly(dimethylaminoethyl methacrylate) methyl chloride macromonomer. <i>Colloid and Polymer Science</i> , 2002, 280, 167-175.	1.0	10
310	Synthesis of comb-branched polyacrylamide with cationic poly[(2-dimethylamino)ethyl methacrylate dimethylsulfate] quat. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2394-2405.	2.5	10
311	Structural analysis of polyethene prepared with rac-dimethylsilylbis(indenyl)zirconium dichloride/methylaluminoxane in a high-temperature, continuously stirred tank reactor. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3292-3301.	2.5	15
312	Novel Cationic Macromonomers by Living Anionic Polymerization of (Dimethylamino)ethyl Methacrylate. <i>Macromolecules</i> , 2001, 34, 144-150.	2.2	25
313	Atom Transfer Radical Polymerization of Poly(ethylene glycol) Dimethacrylate. <i>Macromolecules</i> , 2001, 34, 1612-1618.	2.2	128
314	Atom Transfer Radical Polymerization of Methyl Methacrylate Mediated by Copper Bromide-Tetraethyldiethylenetriamine Grafted on Soluble and Recoverable Poly(ethylene-b-ethylene) Tj ETQq0 0 Qz BT / Overstock 10 Tj	2.2	66
315	Soluble and Recoverable Support for Copper Bromide-Mediated Living Radical Polymerization. <i>Macromolecules</i> , 2001, 34, 3182-3185.	2.2	66
316	A Capping Method for Nitrogen Anion Initiated Living Anionic Polymerization for Synthesizing Alkyl Methacrylate Macromonomers. <i>Macromolecules</i> , 2001, 34, 376-381.	2.2	2
317	Effect of Ligand Spacer on Silica Gel Supported Atom Transfer Radical Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2001, 34, 5812-5818.	2.2	73
318	Kinetics and modeling of free radical polymerization of N-vinylformamide. <i>Polymer</i> , 2001, 42, 3077-3086.	1.8	44
319	Gel formation in atom transfer radical polymerization of 2-(N,N-dimethylamino)ethyl methacrylate and ethylene glycol dimethacrylate. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3780-3788.	2.5	71
320	UV photopolymerization behavior of dimethacrylate oligomers with camphorquinone/amine initiator system. <i>Journal of Applied Polymer Science</i> , 2001, 82, 1107-1117.	1.3	64
321	Supported atom transfer radical polymerization of methyl methacrylate mediated by CuBr-tetraethyldiethylenetriamine grafted onto silica gel. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1051-1059.	2.5	44
322	The Nature of Crosslinking in N-Vinylformamide Free-Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2001, 22, 212-214.	2.0	21
323	Synthesis of Styrenic-Terminated Methacrylate Macromonomers by Nitroanion-Initiated Living Anionic Polymerization. <i>Macromolecular Rapid Communications</i> , 2001, 22, 1399-1404.	2.0	6
324	Photopolymerization behavior of di(meth)acrylate oligomers. <i>Journal of Materials Science</i> , 2001, 36, 3599-3605.	1.7	30

#	ARTICLE	IF	CITATIONS
325	Modeling and semi-batch control of cross-link density distribution in the free-radical copolymerization of vinyl/divinyl monomers. <i>Macromolecular Theory and Simulations</i> , 2000, 9, 196-206.	0.6	10
326	Packed column reactor for continuous atom transfer radical polymerization: Methyl methacrylate polymerization using silica gel supported catalyst. <i>Macromolecular Rapid Communications</i> , 2000, 21, 956-959.	2.0	95
327	Atom transfer radical polymerization of alkyl methacrylates using T-triazine as ligand. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1169-1175.	1.1	22
328	Synthesis of methacrylate macromonomers using silica gel supported atom transfer radical polymerization. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1387-1394.	1.1	48
329	Continuous solution copolymerization of ethylene with propylene using a constrained geometry catalyst system. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 2203-2209.	1.1	14
330	Atom transfer radical polymerization of 2-(dimethylamino)ethyl methacrylate in aqueous media. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3821-3827.	2.5	87
331	Microvoids in unsaturated polyester resins containing poly(vinyl acetate) and composites with calcium carbonate and glass fibers. <i>Polymer</i> , 2000, 41, 3861-3870.	1.8	44
332	Long-chain branching in slurry polymerization of ethylene with zirconocene dichloride/modified methylaluminoxane. <i>Polymer</i> , 2000, 41, 3985-3991.	1.8	45
333	Atom Transfer Radical Polymerization of Methyl Methacrylate by Silica Gel Supported Copper Bromide/Multidentate Amine. <i>Macromolecules</i> , 2000, 33, 5427-5431.	2.2	109
334	Versatile Initiators for Macromonomer Syntheses of Acrylates, Methacrylates, and Styrene by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2000, 33, 5399-5404.	2.2	75
335	Synthesis and Characterization of Comb-Branched Polyelectrolytes. 1. Preparation of Cationic Macromonomer of 2-(Dimethylamino)ethyl Methacrylate by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2000, 33, 1628-1635.	2.2	130
336	Long Chain Branching in Ethylene/Propylene Solution Polymerization Using Constrained Geometry Catalyst. <i>Macromolecules</i> , 2000, 33, 5770-5776.	2.2	32
337	Structural Analysis of Ethylene/Propylene Copolymers Synthesized with a Constrained Geometry Catalyst. <i>Macromolecules</i> , 2000, 33, 1157-1162.	2.2	49
338	Long Chain Branching in Ethylene Polymerization Using Binary Homogeneous Metallocene Catalyst System. <i>Polymer-Plastics Technology and Engineering</i> , 1999, 7, 327-346.	0.7	11
339	Effect of long chain branching on rheological properties of metallocene polyethylene. <i>Polymer</i> , 1999, 40, 1737-1744.	1.8	190
340	Peroxide crosslinking of isotactic and syndiotactic polypropylene. <i>Polymer</i> , 1999, 40, 2961-2968.	1.8	46
341	Flocculation of dilute titanium dioxide suspensions by graft cationic polyelectrolytes. <i>Colloid and Polymer Science</i> , 1999, 277, 108-114.	1.0	43
342	Grafting polyelectrolytes onto polyacrylamide for flocculation 1. Polymer synthesis and characterization. <i>Colloid and Polymer Science</i> , 1999, 277, 115-122.	1.0	34

#	ARTICLE	IF	CITATIONS
343	Grafting polyelectrolytes onto polyacrylamide for flocculation 2. Model suspension flocculation and sludge dewatering. <i>Colloid and Polymer Science</i> , 1999, 277, 123-129.	1.0	30
344	Synthesis and flocculation performance of graft and random copolymer microgels of acrylamide and diallyldimethylammonium chloride. <i>Colloid and Polymer Science</i> , 1999, 277, 939-946.	1.0	28
345	Grafting of polyelectrolytes onto polyacrylamide by reactive processing. <i>Journal of Applied Polymer Science</i> , 1999, 74, 1412-1416.	1.3	4
346	Analytical function for molecular weight development in living polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 961-964.	2.4	4
347	Modeling stable free-radical polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 2692-2704.	2.4	50
348	ESR studies on oxidation state of titanocene and zirconocene catalysts. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1465-1472.	2.5	18
349	Continuous solution copolymerization of ethylene and octene-1 with constrained geometry metallocene catalyst. <i>Journal of Polymer Science Part A</i> , 1999, 37, 2949-2957.	2.5	45
350	ESR study on styrene polymerization with CpTiCl <sub>3</sub> /MMAO: Effect of monomer addition on catalyst activity. <i>Journal of Polymer Science Part A</i> , 1999, 37, 3385-3390.	2.5	10
351	Modeling of molecular weight development in atom transfer radical polymerization. <i>Macromolecular Theory and Simulations</i> , 1999, 8, 29-37.	0.6	89
352	Modeling and analysis of high-impact poly(propylene) production processes, 1. Effect of chemical poisoning on particle size distribution and gel formation. <i>Macromolecular Theory and Simulations</i> , 1999, 8, 594-602.	0.6	2
353	Temperature rising elution fractionation and characterization of ethylene/octene-1 copolymers synthesized with constrained geometry catalyst. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2146-2151.	1.1	18
354	Modeling of molecular weight development in atom transfer radical polymerization. <i>Macromolecular Theory and Simulations</i> , 1999, 8, 29-37.	0.6	3
355	Preparation and characterization of graft copolymers of polyacrylamide and polyethylenimine. <i>European Polymer Journal</i> , 1998, 34, 1199-1205.	2.6	5
356	Modeling molecular weight distribution of comb-branched graft copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 705-714.	2.4	13
357	Peroxide induced crosslinking and degradation of polyvinyl chloride. <i>Journal of Polymer Science Part A</i> , 1998, 36, 851-860.	2.5	22
358	Long chain branching in ethylene polymerization using constrained geometry metallocene catalyst. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2409-2416.	1.1	35
359	Molecular weight distribution of comb polymers by chain polymerization with macromonomer. <i>Polymer</i> , 1998, 39, 5203-5208.	1.8	8
360	Effect of aluminoxane on semi-batch polymerization of ethylene using zirconocene dichloride. <i>Polymer</i> , 1998, 39, 6501-6511.	1.8	15



#	ARTICLE	IF	CITATIONS
361	Kinetics of Long Chain Branching in Continuous Solution Polymerization of Ethylene Using Constrained Geometry Metallocene. <i>Macromolecules</i> , 1998, 31, 8677-8683.	2.2	113
362	Change in Molecular Weight Distribution During Formation and Degradation of Star Polymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1998, 35, 33-56.	1.2	5
363	ESR Study of Peroxide-Induced Cross-Linking of High Density Polyethylene. <i>Macromolecules</i> , 1998, 31, 4335-4341.	2.2	61
364	Analytical Functions for Molecular Weight and Branching Distributions in Star-, Comb-, and Random-Branched Polymers. <i>Macromolecules</i> , 1998, 31, 7519-7527.	2.2	23
365	ESR Study on Peroxide Modification of Polypropylene. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 1130-1135.	1.8	30
366	Continuous Solution Polymerization of Ethylene Using Metallocene Catalyst System, Zirconocene Dichloride/Methylaluminumoxane/Trimethylaluminum. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 5074-5082.	1.8	31
367	Statistical crosslinking of heterochains. <i>Polymer</i> , 1997, 38, 5431-5439.	1.8	11
368	Molecular weight distribution of metallocene polymerization with long chain branching using a binary catalyst system. <i>Macromolecular Theory and Simulations</i> , 1997, 6, 793-803.	0.6	27
369	Improved accuracy and precision in the light-scattering characterization of homo- and copolymers in THF. <i>Journal of Applied Polymer Science</i> , 1997, 66, 1303-1316.	1.3	3
370	Theory of Nonrandom Cross-Linking: Free-Radical Polymer Grafting. <i>Macromolecules</i> , 1996, 29, 5688-5694.	2.2	9
371	Molecular Weight Distribution in Free-Radical Polymer Modification with Cross-Linking: Effect of Chain-Length-Dependent Termination. <i>Macromolecules</i> , 1996, 29, 456-461.	2.2	39
372	Polymer coupling and theory of nonrandom crosslinking: an analytical solution. <i>Macromolecular Theory and Simulations</i> , 1996, 5, 1105-1120.	0.6	5
373	Polyradical distribution in free radical crosslinking of polymer chains. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1996, 34, 2099-2104.	2.4	18
374	Comments on "A new copolymerization equation" (C. Zhou and S. Lin, <i>J. Appl. Polym. Sci.</i> , 55, 641-643.)	1.3	0
375	Effect of polyradicals on gel formation in free radical polymer modification. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1996, 34, 505-516.	2.4	21
376	Kinetics of polyelectrolyte network formation in free radical copolymerization of acrylic acid and bisacrylamide. <i>Macromolecular Symposia</i> , 1995, 92, 253-300.	0.4	7
377	Mechanistic modelling of fluid permeation through compressible fiber beds. <i>Chemical Engineering Science</i> , 1995, 50, 3557-3572.	1.9	42
378	Gel formation in free radical polymerization via chain transfer and terminal branching. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1994, 32, 929-943.	2.4	25



#	ARTICLE	IF	CITATIONS
379	Free radical degradation of polypropylene: Random chain scission. <i>Polymer Engineering and Science</i> , 1993, 33, 445-454.	1.5	71
380	E.s.r. study on permeation of oxygen in crosslinked polymers. <i>Polymer</i> , 1993, 34, 1383-1387.	1.8	18
381	Modeling of free-radical polymerization with crosslinking: monoradical assumption and stationary-state hypothesis. <i>Macromolecules</i> , 1993, 26, 3131-3136.	2.2	72
382	Kinetics of network formation via free-radical mechanisms " Polymerization and polymer modification. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993, 69, 247-256.	0.6	13
383	Kinetics of polymeric network synthesis via free-radical mechanisms " polymerization and polymer modification. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 63, 135-182.	0.6	46
384	Influence of cross-link density distribution on network formation in free-radical copolymerization of vinyl/divinyl monomers. <i>Macromolecules</i> , 1992, 25, 5457-5464.	2.2	39
385	Conformation, environment and reactivity of radicals in copolymerization of methyl methacrylate/ethylene glycol dimethacrylate. <i>Polymer</i> , 1992, 33, 384-390.	1.8	25
386	Heat effects for free-radical polymerization in glass ampoule reactors. <i>Polymer</i> , 1991, 32, 3021-3025.	1.8	36
387	Termination of trapped radicals at elevated temperatures during copolymerization of MMA/EGDMA. <i>Polymer</i> , 1990, 31, 1726-1734.	1.8	43
388	Radical concentrations in free radical copolymerization of MMA/EGDMA. <i>Polymer</i> , 1990, 31, 154-159.	1.8	123
389	Radical trapping and termination in free-radical polymerization of methyl methacrylate. <i>Macromolecules</i> , 1990, 23, 1144-1150.	2.2	156
390	Chain-length-dependent termination for free radical polymerization. <i>Macromolecules</i> , 1989, 22, 3093-3098.	2.2	75