

# Bo-Geng Li

## List of Publications by Year in descending order

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169  
papers

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87888

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docs citations

177  
times ranked

4688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Digital Printing toward 4D Shape Changing Materials. <i>Advanced Materials</i> , 2017, 29, 1605390.	21.0	348
2	A General Approach Towards Thermoplastic Multishape-Memory Polymers via Sequence Structure Design. <i>Advanced Materials</i> , 2013, 25, 743-748.	21.0	168
3	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.	4.8	119
4	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.	4.8	115
5	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.	4.8	115
6	Programmed Synthesis of Copolymer with Controlled Chain Composition Distribution via Semibatch RAFT Copolymerization. <i>Macromolecules</i> , 2007, 40, 849-859.	4.8	98
7	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.	3.7	93
8	Modification of Poly(ethylene 2,5-furandicarboxylate) with Biobased 1,5-Pentanediol: Significantly Toughened Copolyesters Retaining High Tensile Strength and O <sub>2</sub> Barrier Property. <i>Biomacromolecules</i> , 2019, 20, 353-364.	5.4	92
9	Polyethyleneimine-Modified UiO-66-NH <sub>2</sub> (Zr) Metal-Organic Frameworks: Preparation and Enhanced CO <sub>2</sub> Selective Adsorption. <i>ACS Omega</i> , 2019, 4, 3188-3197.	3.5	91
10	Control of gradient copolymer composition in ATRP using semibatch feeding policy. <i>AIChE Journal</i> , 2007, 53, 174-186.	3.6	89
11	Reversible Polycondensation-Termination Growth of Covalent-Organic-Framework Spheres, Fibers, and Films. <i>Matter</i> , 2019, 1, 1592-1605.	10.0	84
12	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.	1.4	77
13	Switchable Block Copolymer Surfactants for Preparation of Reversibly Coagulatable and Redispersible Poly(methyl methacrylate) Latexes. <i>Macromolecules</i> , 2013, 46, 1261-1267.	4.8	73
14	A Facile Route to Synthesize Highly Uniform Nanocapsules: Use of Amphiphilic Poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Tc Macromolecular Rapid Communications, 2007, 28, 868-874.	3.9	71
15	Semibatch RAFT polymerization for producing ST/BA copolymers with controlled gradient composition profiles. <i>AIChE Journal</i> , 2008, 54, 1073-1087.	3.6	67
16	Synthesis and SO <sub>2</sub> Absorption/Desorption Properties of Poly(1,1,3,3-tetramethylguanidine acrylate). <i>Macromolecules</i> , 2007, 40, 3388-3393.	4.8	65
17	Kinetics and Modeling of Semi-Batch RAFT Copolymerization with Hyperbranching. <i>Macromolecules</i> , 2012, 45, 28-38.	4.8	59
18	Synthesis and Characterization of Hyperbranched Polyacrylamide Using Semibatch Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. <i>Macromolecules</i> , 2010, 43, 4062-4069.	4.8	56

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19	High Molecular Weight Polyesters Derived from Biobased 1,5-Pentanediol and a Variety of Aliphatic Diacids: Synthesis, Characterization, and Thermo-Mechanical Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6159-6166.	6.7	56
20	Progress in reactor engineering of controlled radical polymerization: a comprehensive review. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 23-59.	3.7	53
21	Kinetics and Modeling of Solution ARGET ATRP of Styrene, Butyl Acrylate, and Methyl Methacrylate. <i>Macromolecular Reaction Engineering</i> , 2011, 5, 467-478.	1.5	52
22	Palladium(II)-Zirconium-Based Mixed-Linker Metal-Organic Frameworks as Highly Efficient and Recyclable Catalysts for Suzuki and Heck Cross-Coupling Reactions. <i>ChemCatChem</i> , 2016, 8, 3261-3271.	3.7	50
23	Engineering Elastic ZIF-8 Sponges for Oil-Water Separation. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700560.	3.7	49
24	Prediction of the average number of radicals per particle for emulsion polymerization. <i>Journal of Polymer Science Part A</i> , 1993, 31, 2397-2402.	2.3	48
25	Tertiary Amine Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me <sub>6</sub> TREN. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1834-1838.	3.9	48
26	Facile synthesis of novel HTPBs and EHTPBs with high cis-1,4 content and extremely low glass transition temperature. <i>Polymer</i> , 2015, 67, 208-215.	3.8	47
27	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
28	High cis-1,4 Hydroxyl-Terminated Polybutadiene-Based Polyurethanes with Extremely Low Glass Transition Temperature and Excellent Mechanical Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 1582-1589.	3.7	46
29	DBU-catalyzed biobased poly(ethylene 2,5-furandicarboxylate) polyester with rapid melt crystallization: synthesis, crystallization kinetics and melting behavior. <i>RSC Advances</i> , 2016, 6, 101578-101586.	3.6	45
30	Preparation of Hydroxyl-Terminated Polybutadiene with High Cis-1,4 Content. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 17884-17893.	3.7	44
31	Postsynthetic modification of mixed-linker metal-organic frameworks for ethylene oligomerization. <i>RSC Advances</i> , 2014, 4, 62343-62346.	3.6	44
32	Polyethylenimine-Grafted HKUST-Type MOF/PolyHIPE Porous Composites (PEI@PGD-H) as Highly Efficient CO <sub>2</sub> Adsorbents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 4257-4266.	3.7	44
33	Biobased Poly(ethylene-co-hexamethylene 2,5-furandicarboxylate) (PEHF) Copolyesters with Superior Tensile Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 13094-13102.	3.7	43
34	Model-based design and synthesis of gradient MMA-co-BMA copolymers by computer-programmed semibatch atom transfer radical copolymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 69-79.	2.3	42
35	Dynamic mechanical and rheological properties of metallocene-catalyzed long-chain-branched ethylene/propylene copolymers. <i>Polymer</i> , 2004, 45, 5497-5504.	3.8	41
36	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.	3.9	41

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37	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.	2.3	41
38	RAFT miniemulsion polymerization targeting to polymer of higher molecular weight. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4972-4979.	2.3	40
39	Synthesis and Thermomechanical and Rheological Properties of Biodegradable Long-Chain Branched Poly(butylene succinate-co-butylene terephthalate) Copolyesters. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 10380-10386.	3.7	38
40	Toward Covalent Organic Framework Metastructures. <i>Journal of the American Chemical Society</i> , 2021, 143, 5003-5010.	13.7	37
41	Butyl acrylate RAFT polymerization in miniemulsion. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2304-2315.	2.3	36
42	Hyperbranched Polyethylenes Encapsulating Self-Supported Palladium(II) Species as Efficient and Recyclable Catalysts for Heck Reaction. <i>Macromolecules</i> , 2013, 46, 72-82.	4.8	33
43	Structure analysis of ethylene/1-octene copolymers synthesized from living coordination polymerization. <i>European Polymer Journal</i> , 2014, 54, 160-171.	5.4	33
44	Polyhydroxyurethanes (PHUs) Derived from Diphenolic Acid and Carbon Dioxide and Their Application in Solvent- and Water-Borne PHU Coatings. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 14089-14100.	3.7	32
45	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
46	Fabrication of metal-organic framework-based nanofibrous separator via one-pot electrospinning strategy. <i>Nano Research</i> , 2021, 14, 1465-1470.	10.4	32
47	Kinetics of their in situ polymerization and in situ compatibilization of poly(propylene) and polyamide 6 blends. <i>Journal of Applied Polymer Science</i> , 2004, 91, 1498-1504.	2.6	31
48	Effect of rate retardation in RAFT grafting polymerization from silicon wafer surface. <i>Journal of Polymer Science Part A</i> , 2008, 46, 970-978.	2.3	30
49	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
50	A conveniently synthesized polyethylene gel encapsulating palladium nanoparticles as a reusable high-performance catalyst for Heck and Suzuki coupling reactions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15469.	10.3	29
51	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
52	Core-Shell and Yolk-Shell Covalent Organic Framework Nanostructures with Size-Selective Permeability. <i>Cell Reports Physical Science</i> , 2020, 1, 100062.	5.6	28
53	Dynamically Cross-Linked Polyolefin Elastomers with Highly Improved Mechanical and Thermal Performance. <i>Macromolecules</i> , 2021, 54, 10381-10387.	4.8	28
54	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

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55	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> . Journal of Polymer Science Part A, 2007, 45, 3562-3569.	2.3	26
56	Interfacial polycondensation of diphenolic acid and isophthaloyl chloride. Journal of Applied Polymer Science, 2008, 108, 3586-3592.	2.6	26
57	Living copolymerization of ethylene/1-octene with fluorinated FI catalyst. Journal of Polymer Science Part A, 2013, 51, 405-414.	2.3	26
58	Targeting Copolymer Composition Distribution via Model-Based Monomer Feeding Policy in Semibatch RAFT Mini-Emulsion Copolymerization of Styrene and Butyl Acrylate. Industrial & Engineering Chemistry Research, 2014, 53, 7321-7332.	3.7	26
59	Synthesis and nonisothermal reaction of a novel acrylonitrile-capped poly(propyleneimine) dendrimer with epoxy resin. Journal of Thermal Analysis and Calorimetry, 2011, 103, 685-692.	3.6	24
60	RAFT Ab Initio Emulsion Polymerization of Styrene Using Poly(acrylic acid)-b-polystyrene Trithiocarbonate of Various Structures as Mediator and Surfactant. Macromolecular Reaction Engineering, 2014, 8, 696-705.	1.5	24
61	Hydrolytic degradation of biobased poly(butylene succinate-co-furandicarboxylate) and poly(butylene adipate-co-furandicarboxylate) copolyesters under mild conditions. Journal of Applied Polymer Science, 2017, 134, .	2.6	24
62	A Comprehensive Review on Controlled Synthesis of Long-Chain Branched Polyolefins: Part 3, Characterization of Long-Chain Branched Polymers. Macromolecular Reaction Engineering, 2017, 11, 1600012.	1.5	24
63	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. Macromolecules, 2019, 52, 7920-7928.	4.8	24
64	The influence of surfactant coverage of the minidroplets on RAFT miniemulsion polymerization. Journal of Polymer Science Part A, 2006, 44, 2293-2306.	2.3	23
65	Kinetics and simulation of the imidization of poly(styrene-co-maleic anhydride) with amines. Journal of Applied Polymer Science, 2006, 100, 2744-2749.	2.6	23
66	Melt polycondensation of L-lactic acid catalyzed by 1,3-dialkylimidazolium ionic liquids. Polymer International, 2008, 57, 872-878.	3.1	23
67	Synthesis of ethylene/1-octene copolymers with controlled block structures by semibatch living copolymerization. AIChE Journal, 2013, 59, 4686-4695.	3.6	23
68	Well-controlled and stable emulsion ATRP of MMA with low surfactant concentration using surfactant-ligand design as the copper capture agent. Polymer Chemistry, 2015, 6, 2837-2843.	3.9	22
69	Cleavable polybutadiene rubber: A versatile precursor to hydroxyl-terminated or multi-hydroxyl polybutadiene and polyethylene. Polymer, 2016, 107, 306-315.	3.8	22
70	Synthesis and CO <sub>2</sub> Capture Behavior of Porous Cross-Linked Polymers Containing Pendant Triazole Groups. Industrial & Engineering Chemistry Research, 2017, 56, 10155-10163.	3.7	22
71	Asymmetrical Exchange of Monomers for Constructing Hollow Nanoparticles and Antifragile Monoliths. Matter, 2021, 4, 618-634.	10.0	22
72	Variations of the glass-transition temperature in the imidization of poly(styrene-co-maleic anhydride). Journal of Applied Polymer Science, 2007, 104, 2418-2422.	2.6	21

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73	Kinetics and Modeling of Melt Polycondensation for Synthesis of Poly[(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 T] Engineering, 2010, 4, 621-632.	1.5	21
74	Programming Hydrogen Production via Controllable Emulsification/Demulsification in a Switchable Oil-Water System. ACS Sustainable Chemistry and Engineering, 2019, 7, 7768-7776.	6.7	21
75	Polypropylene and Ethylene-Propylene Copolymer Reactor Alloys Prepared by Metallocene/Ziegler-Natta Hybrid Catalyst. Industrial & Engineering Chemistry Research, 2009, 48, 8349-8355.	3.7	20
76	Branching in RAFT Miniemulsion Copolymerization of Styrene/Triethylene Glycol Dimethacrylate and Control of Branching Density Distribution. Macromolecular Reaction Engineering, 2015, 9, 90-99.	1.5	20
77	Tailoring Polymer Molecular Weight Distribution and Multimodality in RAFT Polymerization Using Tube Reactor with Recycle. Macromolecular Reaction Engineering, 2017, 11, 1700023.	1.5	20
78	Design and Synthesis of Mechano-Responsive Color-Changing Thermoplastic Elastomer Based on Poly( <i>n</i> -Butyl Acrylate)-Spiropyran-Polystyrene Comb-Structured Graft Copolymers. Macromolecular Materials and Engineering, 2018, 303, 1800154.	3.6	20
79	Sulfonated biodegradable PBAT copolyesters with improved gas barrier properties and excellent water dispersibility: From synthesis to structure-property. Polymer Degradation and Stability, 2020, 182, 109391.	5.8	20
80	Superior Gas Barrier Properties of Biodegradable PBST vs. PBAT Copolyesters: A Comparative Study. Polymers, 2021, 13, 3449.	4.5	20
81	Potentially Biodegradable $\epsilon$ -Short-Long- $\epsilon$ -Type Diol-Diacid Polyesters with Superior Crystallizability, Tensile Modulus, and Water Vapor Barrier. ACS Sustainable Chemistry and Engineering, 2021, 9, 17362-17370.	6.7	20
82	Synthesis and Characterization of Highly Luminescent Copolymers of Methyl Methacrylate and Eu-Complexed 5-Acryloxyethoxymethyl-8-Hydroxyquinoline. Macromolecular Chemistry and Physics, 2010, 211, 1733-1740.	2.2	19
83	Synthesis of polyethylene and polystyrene miktoarm star copolymers using an $\epsilon$ -in-out strategy. Polymer Chemistry, 2014, 5, 5443-5452.	3.9	19
84	A Comprehensive Review on Controlled Synthesis of Long-Chain-Branched Polyolefins: Part 2, Multiple Catalyst Systems and Prepolymer Modification. Macromolecular Reaction Engineering, 2016, 10, 180-200.	1.5	19
85	Long chain branched poly(butylene succinate-co-terephthalate) copolyesters using pentaerythritol as branching agent: Synthesis, thermo-mechanical, and rheological properties. Journal of Applied Polymer Science, 2017, 134, .	2.6	19
86	Biobased flexible aromatic polyester poly(1,5-pentylene terephthalate) (PPeT): Revisiting melt crystallization behaviors and thermo-mechanical properties. European Polymer Journal, 2019, 110, 168-175.	5.4	19
87	Design and Synthesis of Poly(butyl acrylate) Networks through RAFT Polymerization with Crosslinking for Controlled-Release Applications. Macromolecular Materials and Engineering, 2013, 298, 391-399.	3.6	18
88	Preparation of CO <sub>2</sub> -switchable graphene dispersions and their polystyrene nanocomposite latexes by direct exfoliation of graphite using hyperbranched polyethylene surfactants. Polymer Chemistry, 2016, 7, 4881-4890.	3.9	18
89	Hyperbranched polyethylene-supported $\gamma$ -proline: a highly selective and recyclable organocatalyst for asymmetric aldol reactions. Catalysis Science and Technology, 2015, 5, 3798-3805.	4.1	16
90	Ring-opening Copolymerization of $\mu$ -Caprolactone and $\gamma$ -Valerolactone Catalyzed by a 2,6-Bis(amino)phenol Zinc Complex. Chinese Journal of Polymer Science (English Edition), 2020, 38, 240-247.	3.8	16

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91	Semicontinuous thermal bulk copolymerization of styrene and maleic anhydride: Experiments and reactor model. <i>Journal of Applied Polymer Science</i> , 1998, 67, 1905-1912.	2.6	15
92	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
93	Continuous thermal bulk copolymerization of styrene and maleic anhydride. <i>Journal of Applied Polymer Science</i> , 1999, 73, 615-622.	2.6	14
94	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.	2.3	14
95	Modeling and kinetics of cationic polymerization of ethylene catalyzed by bis(2-dodecylsulfanyl-ethyl)amine- $\text{CrCl}_3$ and $\text{CrCl}_3$ .		

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109	Influence of clay and predispersion method on the structure and properties of polystyrene (PS)-clay nanocomposites. <i>Polymer Engineering and Science</i> , 2009, 49, 1937-1944.	3.1	10
110	High Temperature High Pressure Tandem Polymerization of Ethylene for Synthesis of Ethylene-1-hexene Copolymers from Single Reactor with SNS-Cr and CGC-Ti Catalysts. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 32-39.	1.5	10
111	Synthesis of ethylene/vinyl ester copolymers with pendent linear branches via ring-opening metathesis polymerization of fatty acid-derived cyclooctenes. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2211-2220.	2.3	10
112	Effect of Monomer Structure on Crystallization and Glass Transition of Flexible Copolyesters. <i>Journal of Polymers and the Environment</i> , 2017, 25, 1051-1061.	5.0	10
113	Facile access to carboxyl-terminated polybutadiene and polyethylene from <i>cis</i> -polybutadiene rubber. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46934.	2.6	10
114	Polyurethane acrylate microgel synthesized by emulsion polymerization using unsaturated self-emulsified polymer. <i>Colloid and Polymer Science</i> , 2006, 284, 1171-1178.	2.1	9
115	Biodegradable Polymers from 5-Hydroxylevulinic Acid: 1. Synthesis and Characterization of Poly(5-hydroxylevulinic acid). <i>Journal of Polymers and the Environment</i> , 2008, 16, 68-73.	5.0	9
116	Tandem Action of SNS-Cr and CGC-Ti in Preparation of Ethylene-1-hexene Copolymers from Ethylene Feedstock. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1661-1667.	2.2	9
117	Assembly of coupled redox fuel cells using copper as electron acceptors to generate power and its in-situ retrieval. <i>Scientific Reports</i> , 2016, 6, 21059.	3.3	9
118	Synthesis of a novel type of octyltetramethylsiloxane-containing olefinic macromonomer and its copolymerization with ethylene. <i>Polymer</i> , 2016, 83, 20-26.	3.8	9
119	First Successful Post-Synthetic Self-Assembly of Polyaniline with Poly(N-vinylpyrrolidone) into Aqueous Nanocolloids. <i>Macromolecular Rapid Communications</i> , 2006, 27, 854-858.	3.9	8
120	Graft Copolymerization of Styrene and Acrylonitrile in the Presence of Poly(propylene glycol): Kinetics and Modeling. <i>Macromolecular Reaction Engineering</i> , 2012, 6, 365-383.	1.5	8
121	Solvent effect on <i>cis</i> -1,4-specific polymerization of 1,3-butadiene with CoCl <sub>2</sub> (PRPh <sub>2</sub> ) <sub>2</sub> -EASC catalytic systems. <i>Catalysis Science and Technology</i> , 2014, 4, 773.	4.1	8
122	Ethylene polymerization with novel phenoxy-imine catalysts bearing 4-vinylphenyl group. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 854-863.	3.8	8
123	Nickel(II) $\eta^5$ -diimine catalysts with carboxyl groups for ethylene oligomerization and polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 221-228.	3.8	8
124	<i>110th Anniversary:</i> 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.	3.7	7
125	Poly(1,5-pentylene-co-2,2,4,4-tetramethyl cyclobutylene terephthalate) copolyesters with high T <sub>g</sub> and improved ductility and thermal stability. <i>Polymer</i> , 2021, 232, 124152.	3.8	7
126	Controllable Preparation of the Reversibly Cross-Linked Rubber Based on Imine Bonds Starting from Telechelic Liquid Rubber. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 7654-7664.	3.7	7



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127	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.	2.6	6
128	Model development for semicontinuous production of ethylene and norbornene copolymers having uniform composition. <i>AIChE Journal</i> , 2009, 55, 663-674.	3.6	6
129	Synthesis and characterization of advanced PA6-b-PDMS multiblock copolymers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	6
130	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
131	High Molecular Weight Cyclic Polyesters from Solvent-Free Ring-Opening Polymerization of Lactones with a Pyridyl-Urea/MTBD. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000075.	2.2	6
132	Design of Well-Defined Polyethylene-g-poly-methyltrifluorosiloxane Graft Copolymers via Direct Copolymerization of Ethylene with Polyfluorosiloxane Macromonomers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 4557-4567.	3.7	6
133	Ring-Opening Polymerization of Propylene Oxide by Double Metal Complex in Micro-Reactor. <i>Macromolecular Reaction Engineering</i> , 2020, 14, 1900048.	1.5	6
134	Influence of chain microstructure on ethylene-norbornene copolymer film properties. <i>Journal of Applied Polymer Science</i> , 2011, 121, 707-710.	2.6	5
135	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
136	Synthesis and evaluation of two new Fl-Ti catalysts for living polymerization of ethylene. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1971-1977.	2.6	5
137	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
138	Nucleating agent-containing P(LLA-b-BSA) multi-block copolymers with balanced mechanical properties. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	5
139	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
140	Fast and controlled ring-opening polymerization of $\epsilon$ -valerolactone catalyzed by benzoheterocyclic urea/MTBD catalysts. <i>Catalysis Science and Technology</i> , 2020, 10, 7555-7565.	4.1	5
141	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
142	Synthesis and properties of poly(ethylene-co-diethylene glycol 2,5-furandicarboxylate) copolymers. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51921.	2.6	5
143	Emulsion polymerization of methyl methacrylate in concentration of emulsifiers below their CMCs-polymerization rate, particle size, and particle-size distribution. <i>Journal of Applied Polymer Science</i> , 1995, 55, 1209-1215.	2.6	4
144	Synthesis, Characterisation and Photoluminescent Properties of Quinoline Derivatives Containing both a Biphenyl Group and an $\text{I}^{\pm}$ , $\text{I}^2$ -Diarylacrylonitrile Unit. <i>Journal of Chemical Research</i> , 2011, 35, 574-578.	1.3	4

#	ARTICLE	IF	CITATIONS
145	UHMWPE with short-chain branches synthesized by alkenyl substituted phenoxy-imine catalysts in ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3808-3818.	2.3	4
146	Molecular Weight Distribution in Ring-Opening Polymerization of Propylene Oxide Catalyzed by Double Metal Complex: A Model Simulation. <i>Macromolecular Theory and Simulations</i> , 2021, 30, 2000101.	1.4	4
147	Preparation of primary amine-terminated polybutadiene from cis-polybutadiene. <i>European Polymer Journal</i> , 2021, 152, 110484.	5.4	4
148	Studies on Alternating Copolymerization of Ethylene and Carbon Monoxide Using Nickel-Based Catalyst: Cocatalyst and the Polarity of Solvent. <i>Macromolecular Reaction Engineering</i> , 0, , 2100047.	1.5	4
149	Mechanism and kinetics of emulsion copolymerization of vinylidene chloride-Critical conversion at the end of interval 2 and rate of polymerization. <i>Polymer International</i> , 1993, 30, 441-444.	3.1	3
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151	Progress of Polymer Reaction Engineering Research in China. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 385-395.	1.5	3
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153	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
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155	Telechelic Carboxyl-terminated Polynorbornenes and Copolymers via Chain-Transfer Ring-Opening Metathesis Polymerization. <i>ChemistrySelect</i> , 2020, 5, 8512-8517.	1.5	3
156	Gradient copolymers of $\epsilon$ -caprolactone and $\gamma$ -valerolactone via solvent-free ring-opening copolymerization with a pyridyl-urea/ MTBD system. <i>Journal of Polymer Science</i> , 2020, 58, 2108-2115.	3.8	3
157	Supramolecular thermoplastic elastomers via self-complementary quadruple hydrogen bonding between polybutadiene-based triblock copolymers. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50085.	2.6	3
158	Kinetics and Modeling of Vinyl Acetate Graft Polymerization from Poly(ethylene glycol). <i>Macromolecular Reaction Engineering</i> , 2008, 2, 321-333.	1.5	2
159	Kinetic analysis of the imidization of poly(styrene-co-maleic anhydride) with aniline in the melt. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2951-2957.	2.6	2
160	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.	2.6	2
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164	Real-Time Detection of Atmosphere Composition in Three-Component Gas-Phase Copolymerization of Olefins. <i>Macromolecular Reaction Engineering</i> , 2018, 12, 1800042.	1.5	1
165	Colorless Transparent Cyclobutanediol-Based Copolyesters with Excellent Polymerization Robustness, Thermal Stability, and High Performance. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2006-2016.	4.4	1
166	Stability study of inverse suspension copolymerization of 1,1,3-tetramethylguanidium acrylate and <i>N,N</i> -methylenebisacrylamide. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1450-1454.	2.6	0
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