

Yue-Sheng Li

List of Publications by Year in descending order

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190
papers

5,320
citations

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times ranked

3637
citing authors

#	ARTICLE	IF	CITATIONS
1	Polynorbornene-based anion exchange membranes with hydrophobic large steric hindrance arylene substituent. <i>Journal of Membrane Science</i> , 2022, 641, 119938.	8.2	21
2	Janus Photonic Microspheres with Bridged Lamellar Structures via Droplet-Confined Block Copolymer Co-Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
3	Cyclic olefin copolymers containing both linear polyethylene and poly(ethylene-co-norbornene) segments prepared from chain shuttling copolymerization of ethylene and norbornene. <i>Polymer Chemistry</i> , 2022, 13, 245-257.	3.9	15
4	Reactivity of Phosphino-naphtholate Nickel Complexes and Their Catalysis of Copolymerization with Polar Monomers. <i>ChemCatChem</i> , 2022, 14, .	3.7	4
5	One-Step Synthesis of Sequence-Controlled Polyester-block-Poly(ester-thioester) by Chemoselective Multicomponent Polymerization. <i>Macromolecules</i> , 2022, 55, 1153-1164.	4.8	29
6	Crystallization and Phase Transition of <i>1-Butene</i> Copolymers with Distinct Cyclic Units. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1429-1436.	4.9	11
7	Ru(II) Catalyst Enables Dynamic Dual-Cross-Linked Elastomers with Near-Infrared Self-Healing toward Flexible Electronics. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	16
8	Janus Photonic Microspheres with Bridged Lamellar Structures via Droplet-Confined Block Copolymer Co-Assembly. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
9	Switchable Copolymerization of Maleic Anhydride/Epoxydes/Lactide Mixtures: A Straightforward Approach to Block Copolymers with Unsaturated Polyester Sequences. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	4
10	Synthesis of Unsaturated (Co)polyesters from Ring-Opening Copolymerization by Aluminum Bipyridine Bisphenolate Complexes with Improved Protonic Impurities Tolerance. <i>Macromolecules</i> , 2022, 55, 3502-3512.	4.8	14
11	Interfacial Self-Assembly of Amphiphilic Core-Shell Bottlebrush Block Copolymers Toward Responsive Photonic Balls Bearing Ionic Channels. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200188.	3.9	6
12	Synthesis of Bimodal Distributed Cyclic Olefin Copolymers with Improved Tensile Properties. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1931-1938.	4.9	5
13	A green synthetic toolbox from organocatalytic alternating copolymerization of renewable epoxydes and dihydrocoumarin. <i>Journal of Polymer Science</i> , 2022, 60, 3404-3413.	3.8	2
14	Precise Tailoring of Polyester Bottlebrush Amphiphiles toward Eco-Friendly Photonic Pigments via Interfacial Self-Assembly. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
15	Preparation of Well-Controlled Isotactic Polypropylene-Based Block Copolymers with Superior Physical Performance via Efficient Coordinative Chain Transfer Polymerization. <i>Macromolecules</i> , 2022, 55, 5038-5048.	4.8	5
16	Fully Bio-Based and Supertough PLA Blends via a Novel Interlocking Strategy Combining Strong Dipolar Interactions and Stereocomplexation. <i>Macromolecules</i> , 2022, 55, 5864-5878.	4.8	18
17	Precise Tailoring of Polyester Bottlebrush Amphiphiles toward Eco-Friendly Photonic Pigments via Interfacial Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
18	Oxidation Control of Bottlebrush Molecular Conformation for Producing Libraries of Photonic Structures. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3647-3653.	13.8	44

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19	Self-Assembled Photonic Microsensors with Strong Aggregation-Induced Emission for Ultra-Trace Quantitative Detection. <i>ACS Nano</i> , 2021, 15, 5534-5544.	14.6	31
20	Robust and Reactive Neutral Nickel Catalysts for Ethylene Polymerization and Copolymerization with a Challenging 1,1-Disubstituted Difunctional Polar Monomer. <i>ACS Catalysis</i> , 2021, 11, 2902-2911.	11.2	39
21	Two-Dimensional Material-Enhanced Flexible and Self-Healable Photodetector for Large-Area Photodetection. <i>Advanced Functional Materials</i> , 2021, 31, 2100136.	14.9	17
22	Discovery and Insights into Organized Spontaneous Emulsification via Interfacial Self-Assembly of Amphiphilic Bottlebrush Block Copolymers. <i>Macromolecules</i> , 2021, 54, 3668-3677.	4.8	36
23	Effect of Ions on the Flow-Induced Crystallization of Poly(vinylidene fluoride). <i>Macromolecules</i> , 2021, 54, 3800-3809.	4.8	8
24	Rapid Responsive Mechanochromic Photonic Pigments with Alternating Glassy-Rubbery Concentric Lamellar Nanostructures. <i>ACS Nano</i> , 2021, 15, 8770-8779.	14.6	34
25	Supersoft Elastic Bottlebrush Microspheres with Stimuli-Responsive Color-Changing Properties in Brine. <i>Langmuir</i> , 2021, 37, 6744-6753.	3.5	15
26	Sustainable and high-performance ternary blends from polylactide, CO_2 -based polyester and microbial polyesters with different chemical structure. <i>Journal of Polymer Science</i> , 2021, 59, 1578-1595.	3.8	7
27	Post-chemical grafting poly(methyl methacrylate) to commercially renewable elastomer as effective modifiers for polylactide blends. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 718-733.	7.5	8
28	Novel Designed PEG-ionic Imidazolium-Based Ionic Liquids as Effective Plasticizers for Sustainable Polylactide. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2234-2240.	4.9	7
29	Constructing ABA- and ABCBA-Type Multiblock Copolyesters with Structural Diversity by Organocatalytic Self-Switchable Copolymerization. <i>Macromolecules</i> , 2021, 54, 6171-6181.	4.8	30
30	Combining novel polyether-based ionomers and polyethylene glycol as effective toughening agents for polylactide. <i>Polymer</i> , 2021, 229, 123964.	3.8	7
31	Tris(2,4-difluorophenyl)borane/Triisobutylphosphine Lewis Pair: A Thermostable and Air/Moisture-Tolerant Organic Catalyst for the Living Polymerization of Acrylates. <i>Macromolecules</i> , 2021, 54, 8495-8502.	4.8	20
32	Alkali Metal Carboxylates: Simple and Versatile Initiators for Ring-Opening Alternating Copolymerization of Cyclic Anhydrides/Epoxydes. <i>Macromolecules</i> , 2021, 54, 713-724.	4.8	41
33	Functionalized Elastomeric Ionomers Used as Effective Toughening Agents for Poly(lactic acid): Enhancement in Interfacial Adhesion and Mechanical Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 573-585.	6.7	24
34	Flow-Induced Crystallization in Butene-1/1,5-Hexadiene Copolymers: Mutual Effects of Molecular Factor and Flow Stimuli. <i>Macromolecules</i> , 2020, 53, 8476-8486.	4.8	8
35	Effects of strain rate and temperature on polymorphism in flow-induced crystallization of Poly(vinylidene fluoride). <i>Polymer</i> , 2020, 203, 122773.	3.8	10
36	Supertough and Transparent Poly(lactic acid) Nanostructure Blends with Minimal Stiffness Loss. <i>ACS Omega</i> , 2020, 5, 13148-13157.	3.5	18

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37	Stereoblock Polypropylenes Prepared by Efficient Chain Shuttling Polymerization of Propylene with Binary Zirconium Catalysts and <i>i</i> Bu ₃ Al. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 1192-1201.	3.8	13
38	Interplay between Macroscopic Stretching and Microscopic Phase Transition Revealed in Butene-1/1,5-Hexadiene Random Copolymers. <i>Macromolecules</i> , 2020, 53, 2145-2156.	4.8	11
39	Influence of Steric Norbornene Co-units on the Crystallization and Memory Effect of Polybutene-1 Copolymers. <i>Macromolecules</i> , 2020, 53, 2088-2100.	4.8	26
40	Facile Synthesis of High-Molecular-Weight Vinyl Sulfone (Sulfoxide) Modified Polyethylenes via Coordination-Insertion Copolymerization. <i>Macromolecules</i> , 2020, 53, 5177-5187.	4.8	18
41	Refractive Index Engineering as a Novel Strategy toward Highly Transparent and Tough Sustainable Polymer Blends. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 1335-1344.	3.8	11
42	Effect of Olefin-based Compatibilizers on the Formation of Cocontinuous Structure in Immiscible HDPE/ <i>i</i> PP Blends. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 1248-1257.	3.8	11
43	Supertough Poly(lactic acid) and Sustainable Elastomer Blends Compatibilized by PLLA- <i>b</i> -PMMA Block Copolymers as Effective A- <i>b</i> -C-Type Compatibilizers. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13956-13968.	3.7	18
44	Flow-Induced Crystallization of Crosslinked Poly(vinylidene fluoride) at Elevated Temperatures: Formation and Evolution of the Electroactive β -Phase. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 4459-4471.	3.7	17
45	Copolymerization of Propylene with Higher α -Olefins by a Pyridylamidohafnium Catalyst: An Effective Approach to Polypropylene-Based Elastomer. <i>Polymers</i> , 2020, 12, 89.	4.5	14
46	Highly elastic, strong, and reprocessable cross-linked polyolefin elastomers enabled by boronic ester bonds. <i>Polymer Chemistry</i> , 2020, 11, 3285-3295.	3.9	56
47	Molecular-Level Tuning toward Aggregation Dynamics of Self-Healing Materials. <i>Macromolecules</i> , 2019, 52, 5289-5297.	4.8	25
48	Homoleptic, bisligated magnesium complexes for ring-opening polymerization of lactide and lactones: Synthesis, structure, polymerization behavior and mechanism studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4770.	3.5	6
49	Toughening Biosourced Poly(lactic acid) and Poly(3-hydroxybutyrate- <i>co</i> -4-hydroxybutyrate) Blends by a Renewable Poly(epichlorohydrin- <i>co</i> -ethylene oxide) Elastomer. <i>ACS Omega</i> , 2019, 4, 19777-19786.	3.5	14
50	Phase Transition from Tetragonal Form II to Hexagonal Form I of Butene-1/4-Methyl-1-pentene Random Copolymers: Molecular Factor versus Stretching Stimuli. <i>Macromolecules</i> , 2019, 52, 1188-1199.	4.8	49
51	Syntheses and properties of ABA, CBA, and CBC triblock copolymers based thermoplastic elastomers with glassy (A), elastomeric (B), and crystalline (C) blocks. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 225-233.	2.2	11
52	Efficient Addition Polymerization of Norbornene with Polar Norbornene Derivatives by Neutral Nickel(II) Catalysts. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 1215-1223.	3.8	6
53	Unusual β Phase Transition Behavior of Polybutene-1 Ionomers in the Presence of Long-Chain Branch and Ionic Functional Groups. <i>Macromolecules</i> , 2019, 52, 4634-4645.	4.8	28
54	Thermal Analysis of Crystallization and Phase Transition in Novel Polyethylene Glycol Grafted Butene-1 Copolymers. <i>Polymers</i> , 2019, 11, 837.	4.5	9

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55	Alcohols responsive photonic crystals prepared by self-assembly of dendronized block copolymers. <i>Reactive and Functional Polymers</i> , 2019, 139, 162-169.	4.1	12
56	Microstructure determination of ethylene-styrene-1-hexene terpolymers with fast 2D NMR by nonuniform sampling. <i>Polymer</i> , 2019, 169, 185-194.	3.8	3
57	Handwritable one-dimensional photonic crystals prepared from dendronized brush block copolymers. <i>Polymer Chemistry</i> , 2019, 10, 1519-1525.	3.9	25
58	Facile functionalization of isotactic polypropylene <i>via</i> click chemistry. <i>Polymer Chemistry</i> , 2019, 10, 6368-6378.	3.9	10
59	Functional Isotactic Polypropylenes via Efficient Direct Copolymerizations of Propylene with Various Amino-Functionalized α -Olefins. <i>Macromolecules</i> , 2019, 52, 9280-9290.	4.8	39
60	Organic Lewis pairs for selective copolymerization of epoxides with anhydrides to access sequence-controlled block copolymers. <i>Green Chemistry</i> , 2019, 21, 6123-6132.	9.0	67
61	Stretching-induced phase transition of the butene- α /ethylene random copolymer: Orientation and kinetics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 116-126.	2.1	31
62	Stretching behavior of the butene- α /ethylene random copolymer: A direct correspondence between triggering of α phase transition and mechanical yielding. <i>Polymer Crystallization</i> , 2019, 2, e10052.	0.8	10
63	Self-healable gradient copolymers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 464-471.	5.9	30
64	Ring-Opening Polymerization with Lewis Pairs and Subsequent Nucleophilic Substitution: A Promising Strategy to Well-Defined Polyethylene-like Polyesters without Transesterification. <i>Macromolecules</i> , 2018, 51, 836-845.	4.8	56
65	Synthesis of lactide- ϵ -caprolactone quasi-random copolymer by using rationally designed mononuclear aluminum complexes with modified β -ketiminato ligand. <i>Journal of Polymer Science Part A</i> , 2018, 56, 203-212.	2.3	20
66	Phosphine (oxide)-(thio) phenolate palladium complexes: Synthesis, characterization and (co)polymerization of norbornene. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4013.	3.5	9
67	Synthesis of high performance cyclic olefin polymers using highly efficient WCl_6 -based catalyst system. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 214-221.	3.8	8
68	The microstructure determination of ethylene-styrene-propylene terpolymers at triad level by high-temperature two-dimensional NMR spectra. <i>Journal of Polymer Science Part A</i> , 2018, 56, 340-350.	2.3	1
69	One-Step Access to Sequence-Controlled Block Copolymers by Self-Switchable Organocatalytic Multicomponent Polymerization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16888-16892.	13.8	110
70	One-Step Access to Sequence-Controlled Block Copolymers by Self-Switchable Organocatalytic Multicomponent Polymerization. <i>Angewandte Chemie</i> , 2018, 130, 17130-17134.	2.0	28
71	Spontaneous Form II to I Transition in Low Molar Mass Polybutene-1 at Crystallization Temperature Reveals Stabilization Role of Intercrystalline Links and Entanglements for Metastable Form II Crystals. <i>Macromolecules</i> , 2018, 51, 8298-8305.	4.8	62
72	From $Zn(C_6F_5)_2$ to $ZnEt_2$ -based Lewis Pairs: Significantly Improved Catalytic Activity and Monomer Adaptability for the Ring-Opening Polymerization of Lactones. <i>ChemCatChem</i> , 2018, 10, 5287-5296.	3.7	14

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73	Robust Bulky [P,O] Neutral Nickel Catalysts for Copolymerization of Ethylene with Polar Vinyl Monomers. <i>ACS Catalysis</i> , 2018, 8, 5963-5976.	11.2	148
74	Metal-free, regioselective and stereoregular alternating copolymerization of monosubstituted epoxides and tricyclic anhydrides. <i>Green Chemistry</i> , 2018, 20, 3963-3973.	9.0	79
75	Effect of Linear and Ring-like Co-units on the Temperature Dependence of Nucleation and Growth in II-I Phase Transition of Butene-1 Copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 1269-1276.	3.8	23
76	Toughening Poly(lactic acid) with Imidazolium-based Elastomeric Ionomers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 1342-1352.	3.8	22
77	Lewis pairs for ring-opening alternating copolymerization of cyclic anhydrides and epoxides. <i>Green Chemistry</i> , 2018, 20, 641-648.	9.0	102
78	Ring-opening metathesis polymerization of cis-5-norbornene-endo-2,3-dicarboxylic anhydride derivatives using the grubbs third generation catalyst. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 1269-1276.	3.8	23
79	9,9-Dimethylxanthene-based binuclear phenoxy-imine neutral nickel(II) catalysts for ethylene homo- and copolymerization. <i>Journal of Organometallic Chemistry</i> , 2017, 836-837, 34-43.	1.8	13
80	Novel imidazolium-based poly(ionic liquid)s with different counterions for self-healing. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25220-25229.	10.3	83
81	Introduction of constrained cyclic skeleton into \hat{I}^2 -enaminoketonato vanadium complexes: A strategy for stabilization of active centre of vanadium catalyst for ethylene polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 1110-1121.	3.8	7
82	Quasi-living copolymerization of ethylene with 1-hexene by heteroligated (salicylaldiminato) zirconium(IV) complexes. <i>Journal of Polymer Science Part A: Polymer Chemistry</i> , 2017, 55, 10308-10318.	2.3	2
83	Facile, Efficient Copolymerization of Ethylene with Norbornene-Containing Dienes Promoted by Single Site Non-Metallocene Oxovanadium(V) Catalytic System. <i>Polymers</i> , 2017, 9, 353.	4.5	7
84	Novel zirconium complexes with constrained cyclic \hat{I}^2 -enaminoketonato ligands: improved catalytic capability toward ethylene polymerization. <i>Dalton Transactions</i> , 2016, 45, 10308-10318.	3.3	15
85	Bimetallic aluminum complexes with cyclic \hat{I}^2 -ketiminato ligands: the cooperative effect improves their capability in polymerization of lactide and μ -caprolactone. <i>Polymer Chemistry</i> , 2016, 7, 5819-5827.	3.9	38
86	Featured Crystallization Polymorphism and Memory Effect in Novel Butene-1/1,5-Hexadiene Copolymers Synthesized by Post-Metallocene Hafnium Catalyst. <i>Macromolecules</i> , 2016, 49, 6578-6589.	4.8	43
87	Insights into the mechanism for ring-opening polymerization of lactide catalyzed by $Zn(C_6F_5)_2$ /organic superbases Lewis pairs. <i>Catalysis Science and Technology</i> , 2016, 6, 7763-7772.	4.1	52
88	Synthesis of Novel Cyclic Olefin Polymer with High Glass Transition Temperature via Ring-Opening Metathesis Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2708-2716.	2.2	28
89	Efficient copolymerization of ethylene with norbornene or its derivatives using half-metallocene zirconium(IV) catalysts. <i>RSC Advances</i> , 2016, 6, 59590-59599.	3.6	17
90	Spontaneously Healable Thermoplastic Elastomers Achieved through One-Pot Living Ring-Opening Metathesis Copolymerization of Well-Designed Bulky Monomers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12445-12455.	8.0	39

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91	Copolymerization of propylene with Si-containing $\hat{\pm}$, $\hat{\text{I}}\%$ -diolefins: how steric hindrance of diolefins affects long chain branch formation. <i>Polymer Chemistry</i> , 2016, 7, 2938-2946.	3.9	20
92	Synthesis of High Performance Cyclic Olefin Polymers (COPs) with Ester Group via Ring-Opening Metathesis Polymerization. <i>Polymers</i> , 2015, 7, 1389-1409.	4.5	21
93	Cyclic olefin copolymers of propylene with asymmetric Si-containing $\hat{\pm}$, $\hat{\text{I}}\%$ -diolefins: The tailored thermal and mechanical properties. <i>Polymer</i> , 2015, 61, 108-114.	3.8	12
94	Well-defined phosphino-phenolate neutral nickel(ii) catalysts for efficient (co)polymerization of norbornene and ethylene. <i>Dalton Transactions</i> , 2015, 44, 7382-7394.	3.3	28
95	Theoretical investigation of the mechanism of ethylene polymerization with salicylaldiminato vanadium(III) complexes. <i>Chinese Journal of Catalysis</i> , 2015, 36, 657-666.	14.0	7
96	Neutral Nickel Catalysts for Olefin Homo- and Copolymerization: Relationships between Catalyst Structures and Catalytic Properties. <i>Chemical Reviews</i> , 2015, 115, 12091-12137.	47.7	316
97	Efficient synthesis of diverse well-defined functional polypropylenes with high molecular weights and high functional group contents via thiol-halogen click chemistry. <i>Polymer Chemistry</i> , 2015, 6, 1150-1158.	3.9	26
98	Polyethylene-block-poly($\hat{\mu}$ -caprolactone) diblock copolymers: synthesis and compatibility. <i>Polymer International</i> , 2014, 63, 2017-2022.	3.1	12
99	Synthesis of novel cyclic olefin polymers with excellent transparency and high glass-transition temperature via gradient copolymerization of bulky cyclic olefin and <i>cis</i> -cyclooctene. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3240-3249.	2.3	19
100	Synthesis of (Imido)vanadium(V) Complexes Containing 8-(2,6-Dimethylanilide)-5,6,7-trihydroquinoline Ligands: Highly Active Catalyst Precursors for Ethylene Dimerization. <i>Organometallics</i> , 2014, 33, 1053-1060.	2.3	28
101	Living ring-opening homo- and copolymerisation of $\hat{\mu}$ -caprolactone and <i>l</i> -lactide by cyclic $\hat{2}$ -ketiminato aluminium complexes. <i>Dalton Transactions</i> , 2014, 43, 2244-2251.	3.3	47
102	Syntheses of Well-Defined Functional Isotactic Polypropylenes via Efficient Copolymerization of Propylene with $\hat{\text{I}}\%$ -Halo- $\hat{\pm}$ -alkenes by Post-metallocene Hafnium Catalyst. <i>Macromolecules</i> , 2014, 47, 552-559.	4.8	93
103	Living syndiospecific polymerization of propylene with sterically encumbered titanium complexes activated by MMAO. <i>Polymer Chemistry</i> , 2014, 5, 6510-6522.	3.9	9
104	Highly active half-sandwich chromium(<i>iii</i>) catalysts bearing bis(imino)pyrrole ligands for ethylene (co)polymerization. <i>RSC Advances</i> , 2014, 4, 19433-19439.	3.6	18
105	Insights into propylene/ $\hat{\text{I}}\%$ -halo- $\hat{\pm}$ -alkenes copolymerization promoted by <i>rac</i> - $\text{Et}(\text{Ind})_2\text{ZrCl}_2$ and (pyridylamido)hafnium catalysts. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3421-3428.	2.3	30
106	Synthesis, structural characterization, and ethylene polymerization behavior of (arylimido)vanadium(V) complexes bearing tridentate Schiff base ligands. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2633-2642.	2.3	16
107	Cyclopolymerization of Si-Containing $\hat{\pm}$, $\hat{\text{I}}\%$ -Diolefins by a Pyridylamidohafnium Catalyst with High Cyclization Selectivity and Stereoselectivity. <i>Macromolecules</i> , 2014, 47, 6627-6634.	4.8	26
108	Copolymerization of ethylene with 10-undecen-1-ol using highly active vanadium(III) precatalysts bearing bis(imino)pyrrolyl ligands. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 603-608.	3.8	7

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109	Synthesis of cyclic olefin polymers with high glass transition temperature by ring-opening metathesis copolymerization and subsequent hydrogenation. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2654-2661.	2.3	21
110	New Half-Sandwich Chromium(III) Complexes Bearing Phenoxy-Phosphine (Oxide) [O,P(=O)] Ligands: Synthesis, Structures, and Catalytic Properties for Ethylene (Co)Polymerization. <i>Organometallics</i> , 2013, 32, 4805-4812.	2.3	12
111	Study on the thermal degradation behavior and flame-retardant property of polylactide/PEDPP blends. <i>Polymers for Advanced Technologies</i> , 2013, 24, 576-583.	3.2	12
112	Novel vanadium(III) complexes with tridentate phenoxy-phosphine [O,P(=O),O] ligands: Synthesis, characterization, and catalytic behavior of ethylene polymerization and copolymerization with 10-undecene-1-ol. <i>Journal of Polymer Science Part A</i> , 2013, 51, 844-854.	2.3	18
113	RAFT polymerization of a novel allene-derived asymmetrical divinyl monomer: A facile strategy to alkene-functionalized hyperbranched vinyl polymers with high degrees of branching. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2959-2969.	2.3	16
114	Facile and efficient synthesis of hyperbranched polyesters based on renewable castor oil. <i>Polymer International</i> , 2013, 62, 1457-1464.	3.1	22
115	Synthesis and characterization of fluoro-substituted η^2 -enaminoketonato titanium complexes and their catalytic behavior of regioselective ethylene/cyclopentadiene copolymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 574-582.	3.8	2
116	Ethylene polymerization and ethylene/hexene copolymerization with vanadium catalysts bearing thiophenolphosphine ligands. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 885-893.	3.8	8
117	Thermal, rheological, and mechanical properties of polylactide/poly(diethylene glycol adipate). <i>Polymer Bulletin</i> , 2013, 70, 3487-3500.	3.3	22
118	Preparation of novel cyclic olefin copolymer with high glass transition temperature. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3144-3152.	2.3	15
119	Highly efficient ethylene/norbornene copolymerization by η^2 -Di(phenyl)phosphanylphenolate-based half-titanocene complexes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1585-1594.	2.3	25
120	Ethylene polymerization and ethylene/hexene copolymerization by vanadium(III) complexes bearing bidentate phenoxy-phosphine oxide ligands. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5298-5306.	2.3	23
121	Water-soluble hyperbranched poly(ester urethane)s based on d,l-alanine: isocyanate-free synthesis, post-functionalization and application. <i>Green Chemistry</i> , 2012, 14, 2243.	9.0	12
122	Synthesis of Novel Cyclic Olefin Copolymer (COC) with High Performance via Effective Copolymerization of Ethylene with Bulky Cyclic Olefin. <i>Macromolecules</i> , 2012, 45, 5397-5402.	4.8	61
123	Synthesis of Novel Bis(η^2 -enaminoketonato)titanium Catalyst with High Activity and Excellent Ability to Copolymerize Olefins. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2311-2318.	2.2	3
124	Synthesis, structural characterization, and olefin polymerization behavior of vanadium(III) complexes bearing bidentate phenoxy-phosphine ligands. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4721-4731.	2.3	13
125	Functionalization of vinylic addition polynorbornenes via efficient copolymerization of norbornene using Ni(II)-Me complexes. <i>Journal of Polymer Science Part A</i> , 2012, 50, 562-570.	2.3	17
126	Living syndiospecific polymerization of propylene promoted by C_1 -symmetric titanium complexes activated by dried MAO. <i>Journal of Polymer Science Part A</i> , 2012, 50, 638-648.	2.3	7

#	ARTICLE	IF	CITATIONS
127	Application of thiol-ene click chemistry to preparation of functional polyethylene with high molecular weight and high polar group content: Influence of thiol structure and vinyl type on reactivity. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2499-2506.	2.3	37
128	Synthesis of Polyethylene Containing Allene Groups: A Simple and Efficient Route to Functional Polyethylene. <i>Macromolecular Rapid Communications</i> , 2012, 33, 998-1002.	3.9	14
129	Ethylene Homo- and Copolymerization by Single Component Phosphinophenolate Neutral Nickel Catalysts. <i>Acta Agronomica Sinica(China)</i> , 2012, 29, 1381.	0.3	3
130	Synthesis, characterization and ethylene (co-)polymerization behavior of half-titanocene 2-(1-(arylimino)ethyl)quinolin-8-olate chlorides. <i>Catalysis Science and Technology</i> , 2011, 1, 1208.	4.1	14
131	Observations and Mechanistic Insights on Unusual Stability of Neutral Nickel Complexes with a Sterically Crowded Metal Center. <i>Organometallics</i> , 2011, 30, 925-934.	2.3	41
132	Facile Functionalization of Polyethylene via Click Chemistry. <i>Macromolecules</i> , 2011, 44, 5659-5665.	4.8	40
133	Synthesis and Characterization of Novel Half-Metallocene-Type Group IV Complexes Containing Phosphine Oxide-Phenolate Chelating Ligands and Their Application to Ethylene Polymerization. <i>Organometallics</i> , 2011, 30, 4052-4059.	2.3	23
134	Ethylene/1-hexene copolymerization by salicylaldehyde vanadium(III) complexes activated with diethylaluminum chloride. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 627-633.	3.8	8
135	Synthesis of functional polyethylene via copolymerization of ethylene and substituted allene using bis(η^2 -enaminoketonato)titanium catalysts. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 692-698.	3.8	6
136	Ethylene homopolymerization and copolymerization by vanadium(III) complexes containing tridentate or tetradentate iminopyrrolyl ligands. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2700-2708.	2.3	17
137	Toughening of poly(propylene carbonate) by hyperbranched poly(ester amide) via hydrogen bonding interaction. <i>Polymer International</i> , 2011, 60, 1697-1704.	3.1	38
138	Chain-Shuttling Polymerization at Two Different Scandium Sites: Regio- and Stereospecific α -One-Pot Block Copolymerization of Styrene, Isoprene, and Butadiene. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12012-12015.	13.8	119
139	Polymerization of (meth)acrylates with aluminum-based initiators. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2010, 28, 101-106.	3.8	2
140	Monte Carlo simulation on kinetic behavior of one-pot hyperbranched polymerization based on AA*+CB2. <i>Science China Chemistry</i> , 2010, 53, 2481-2489.	8.2	1
141	Influence of branching on the thermal and crystallization behavior of bimodal polyethylenes synthesized with binary late-transition-metal catalyst combinations. <i>Journal of Applied Polymer Science</i> , 2010, 115, 3045-3055.	2.6	5
142	Synthesis of graft copolymers from a linear polyolefin through a combination of coordination polymerization and atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2010, 117, 450-457.	2.6	0
143	Dramatic Improvements in Mechanical Properties of Poly(L-lactide)/Silica Nanocomposites by Addition of Hyperbranched Poly(ester amide). <i>Macromolecular Materials and Engineering</i> , 2010, 295, 415-419.	3.6	11
144	Ethylene polymerization by the chromium catalysts based on bidentate [O, $\text{P}^{\frac{3}{4}}\text{O}$] or [S, P] ligands. <i>Journal of Polymer Science Part A</i> , 2010, 48, 311-319.	2.3	23

#	ARTICLE	IF	CITATIONS
145	Vanadium(V) complexes containing tetradentate amine trihydroxy ligands as catalysts for copolymerization of cyclic olefins. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1122-1132.	2.3	51
146	Bis(β -enaminoketonato) vanadium (III or IV) complexes as catalysts for olefin polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3062-3072.	2.3	23
147	Synthesis of novel hyperbranched poly(esteramide)s based on neutral β -amino acids via $\text{AD} + \text{CBB} \rightarrow \text{couplemonomer}$ approach. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5364-5374.	2.3	11
148	Copper(0)-mediated living radical polymerization of acrylonitrile: SET-LRP or AGET-ATRP. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5439-5445.	2.3	51
149	Accessible, Highly Active Single-Component β -Ketiminato Neutral Nickel(II) Catalysts for Ethylene Polymerization. <i>Organometallics</i> , 2010, 29, 2306-2314.	2.3	40
150	Synthesis of Novel Star Polymers with Vinyl-Functionalized Hyperbranched Core via Arm-First Strategy. <i>Macromolecules</i> , 2010, 43, 7985-7992.	4.8	28
151	Facile, Efficient Copolymerization of Ethylene with Bicyclic, Non-Conjugated Dienes by Titanium Complexes Bearing Bis(β -enaminoketonato) Ligands. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1505-1511.	4.3	16
152	Thermomechanical and optical properties of biodegradable poly(ϵ -lactide)/silica nanocomposites by melt compounding. <i>Journal of Applied Polymer Science</i> , 2009, 114, 3379-3388.	2.6	92
153	Ethylene polymerization by the new chromium catalysts based on amino-pyrrolide ligands. <i>Journal of Polymer Science Part A</i> , 2009, 47, 713-721.	2.3	26
154	CNT templated regioselective enzymatic polymerization of phenol in water and modification of surface of MWNT thereby. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1627-1635.	2.3	43
155	Ethylene polymerization and ethylene/hexene copolymerization with vanadium(III) catalysts bearing heteroatom-containing salicylaldiminato ligands. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3573-3582.	2.3	35
156	Living copolymerization of ethylene with norbornene mediated by heteroligated (Salicylaldiminato)(β -enaminoketonato)titanium catalysts. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6072-6082.	2.3	24
157	Ethylene polymerizations, and the copolymerizations of ethylene with hexene or norbornene with highly active mono(β -enaminoketonato) vanadium(III) catalysts. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2038-2048.	2.3	60
158	One-pot synthesis and characterization of hyperbranched poly(esteramide)s from commercially available dicarboxylic acids and multihydroxyl secondary amines. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5077-5092.	2.3	18
159	Branched polystyrene with abundant pendant vinyl functional groups from asymmetric divinyl monomer. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6023-6034.	2.3	32
160	Ethylene polymerization by (β -diimine)nickel(II) complexes bearing different substituents on <i>para</i> -position of imines activated with MMAO. <i>Journal of Applied Polymer Science</i> , 2008, 109, 700-707.	2.6	36
161	Synthesis and characterization of novel neutral nickel complexes bearing fluorinated salicylaldiminato ligands and their catalytic behavior for vinylic polymerization of norbornene. <i>Applied Organometallic Chemistry</i> , 2008, 22, 333-340.	3.5	22
162	Syntheses and Ethylene Polymerization Behavior of Supported Salicylaldimine-Based Neutral Nickel(II) Catalysts. <i>Organometallics</i> , 2007, 26, 2609-2615.	2.3	32

#	ARTICLE	IF	CITATIONS
163	Study of Hydrogen-Bonded Blend of Polylactide with Biodegradable Hyperbranched Poly(ester amide). <i>Macromolecules</i> , 2007, 40, 6257-6267.	4.8	188
164	Atom transfer radical polymerization of butadiene using MoO ₂ Cl ₂ /PPh ₃ as the catalyst. <i>Journal of Applied Polymer Science</i> , 2007, 104, 3517-3522.	2.6	12
165	Reversible addition-fragmentation chain transfer mediated radical polymerization of asymmetrical divinyl monomers targeting hyperbranched vinyl polymers. <i>Journal of Polymer Science Part A</i> , 2007, 45, 26-40.	2.3	60
166	2-Cyanoprop-2-yl dithiobenzoate mediated reversible addition-fragmentation chain transfer polymerization of acrylonitrile targeting a polymer with a higher molecular weight. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1272-1281.	2.3	37
167	Facile synthesis and characterization of hyperbranched poly(ether amide)s generated from Michael addition polymerization of <i>in situ</i> created AB ₂ monomers. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4309-4321.	2.3	13
168	Preparation of nano-hydroxyapatite/poly(L-lactide) biocomposite microspheres. <i>Journal of Nanoparticle Research</i> , 2007, 9, 901-908.	1.9	33
169	Ethylene-propylene copolymerization with bis(η ² -enaminoketonato) titanium complexes activated with modified methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5846-5854.	2.3	29
170	Dibenzyl trithiocarbonate mediated reversible addition-fragmentation chain transfer polymerization of acrylonitrile. <i>Journal of Polymer Science Part A</i> , 2006, 44, 490-498.	2.3	41
171	Preparation of linear 1-olefins to high-molecular weight polyethylenes using cationic 1-diimine nickel(II) complexes containing chloro-substituted ligands. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1964-1974.	2.3	55
172	Syndiospecific polymerization of styrene with Cp*TiCl((OCH(R)CH ₂) ₂ NAr)/MMAO. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1562-1568.	2.3	15
173	Copolymerization of ethylene and cyclopentene with bis(η ² -enaminoketonato) titanium complexes. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1681-1689.	2.3	50
174	Ethylene/1-olefin copolymerization with bis(η ² -enaminoketonato) titanium complexes activated with modified methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6323-6330.	2.3	24
175	Primary and secondary crystallization kinetic analysis of nylon 1212. <i>Polymer International</i> , 2004, 53, 1658-1665.	3.1	29
176	Synthesis, structure and norbornene polymerization behavior of neutral palladium complexes. <i>Polyhedron</i> , 2004, 23, 1619-1627.	2.2	65
177	Preparation and properties of polyimide films codoped with barium and titanium oxides. <i>Journal of Applied Polymer Science</i> , 2002, 83, 1810-1816.	2.6	29
178	Vinyl polymerization of norbornene by neutral nickel(II)-based catalysts. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2680-2685.	2.3	86
179	Preparation and characteristics of polyimide-TiO ₂ nanocomposite film. <i>Polymer International</i> , 2000, 49, 1543-1547.	3.1	83
180	Synthesis of aromatic polyimides in DMAc containing large amount of water and the properties thereof. <i>Polymer Bulletin</i> , 1999, 42, 47-53.	3.3	6

#	ARTICLE	IF	CITATIONS
181	Relationship between structure and gas permeation properties of polyimides prepared from oxydiphthalic dianhydride. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 2769-2778.	2.2	27
182	Gas Permeation Properties of Copolyimides from 1,4-Bis(3,4-dicarboxyphenoxy)benzene Dianhydride and 2,2-Bis(3,4-dicarboxyphenyl)hexafluoroisopropane Dianhydride. <i>Polymer International</i> , 1997, 42, 121-126.	3.1	10
183	Gas separation properties of aromatic polyetherimides from 1,4-bis(3,4-dicarboxyphenoxy)benzene dianhydride and 3,5-diaminobenzic acid or its esters. <i>Journal of Applied Polymer Science</i> , 1997, 63, 1-7.	2.6	18
184	Gas transport property of homo- and copolyimides from isomeric thiaphthalic dianhydride and oxydianiline. <i>Journal of Applied Polymer Science</i> , 1997, 63, 1821-1826.	2.6	8
185	Structure/Permeability and Permselectivity Relationship of Polyetherimides from 1,4-Bis(3,4-dicarboxyphenoxy) Benzene Dianhydride. I. <i>Polymer International</i> , 1996, 40, 57-62.	3.1	4
186	Comparative study on polyimides from 3,3'-and 4,4'-linked diphtalic anhydride. <i>Journal of Applied Polymer Science</i> , 1996, 59, 923-930.	2.6	35
187	Effects of molecular structure on the permeability and permselectivity of aromatic polyimides. <i>Journal of Applied Polymer Science</i> , 1996, 61, 741-748.	2.6	69
188	Structure and thermal properties of vinylidene chloride/acrylics copolymers. <i>Journal of Applied Polymer Science</i> , 1996, 61, 2397-2402.	2.6	3
189	Effects of molecular structure on the permeability and permselectivity of aromatic polyimides. , 1996, 61, 741.		1
190	Sequentially bridging anionic addition and ring-opening polymerization by cooperative organocatalysis: Well-defined block copolymers from methacrylates and cyclic esters. <i>Polymer Chemistry</i> , 0, , .	3.9	6