Yue-Sheng Li

List of Publications by Year
in descending order

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190 papers	5,320 citations	94433 37 h-index	138484 58 g-index
190 all docs	190 docs citations	190 times ranked	3637 citing authors

#	Article	IF	Citations
1	Neutral Nickel Catalysts for Olefin Homo- and Copolymerization: Relationships between Catalyst Structures and Catalytic Properties. Chemical Reviews, 2015, 115, 12091-12137.	47.7	316
2	Study of Hydrogen-Bonded Blend of Polylactide with Biodegradable Hyperbranched Poly(ester amide). Macromolecules, 2007, 40, 6257-6267.	4.8	188
3	Robust Bulky [P,O] Neutral Nickel Catalysts for Copolymerization of Ethylene with Polar Vinyl Monomers. ACS Catalysis, 2018, 8, 5963-5976.	11.2	148
4	Chainâ€Shuttling Polymerization at Two Different Scandium Sites: Regioâ€and Stereospecific â€œOneâ€Potâ€• Block Copolymerization of Styrene, Isoprene, and Butadiene. Angewandte Chemie - International Edition, 2011, 50, 12012-12015.	13.8	119
5	Oneâ€Step Access to Sequenceâ€Controlled Block Copolymers by Selfâ€Switchable Organocatalytic Multicomponent Polymerization. Angewandte Chemie - International Edition, 2018, 57, 16888-16892.	13.8	110
6	Lewis pairs for ring-opening alternating copolymerization of cyclic anhydrides and epoxides. Green Chemistry, 2018, 20, 641-648.	9.0	102
7	Syntheses of Well-Defined Functional Isotactic Polypropylenes via Efficient Copolymerization of Propylene with Ï‰-Halo-Î±-alkenes by Post-metallocene Hafnium Catalyst. Macromolecules, 2014, 47, 552-559.	4.8	93
8	Thermomechanical and optical properties of biodegradable poly(<scp>L</scp>â€lactide)/silica nanocomposites by melt compounding. Journal of Applied Polymer Science, 2009, 114, 3379-3388.	2.6	92
9	Vinylic polymerization of norbornene by neutral nickel(II)-based catalysts. Journal of Polymer Science Part A, 2002, 40, 2680-2685.	2.3	86
10	Preparation and characteristics of polyimide-TiO2 nanocomposite film. Polymer International, 2000, 49, 1543-1547.	3.1	83
11	Novel imidazolium-based poly(ionic liquid)s with different counterions for self-healing. Journal of Materials Chemistry A, 2017, 5, 25220-25229.	10.3	83
12	Metal-free, regioselective and stereoregular alternating copolymerization of monosubstituted epoxides and tricyclic anhydrides. Green Chemistry, 2018, 20, 3963-3973.	9.0	79
13	Effects of molecular structure on the permeability and permselectivity of aromatic polyimides. Journal of Applied Polymer Science, 1996, 61, 741-748.	2.6	69
14	Organic Lewis pairs for selective copolymerization of epoxides with anhydrides to access sequence-controlled block copolymers. Green Chemistry, 2019, 21, 6123-6132.	9.0	67
15	Synthesis, structure and norbornene polymerization behavior of neutral palladium complexes. Polyhedron, 2004, 23, 1619-1627.	2.2	65
16	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. Macromolecules, 2018, 51, 8298-8305.	4.8	62
17	Synthesis of Novel Cyclic Olefin Copolymer (COC) with High Performance via Effective Copolymerization of Ethylene with Bulky Cyclic Olefin. Macromolecules, 2012, 45, 5397-5402.	4.8	61
18	Reversible additionâ€“fragmentation chain transfer mediated radical polymerization of asymmetrical divinyl monomers targeting hyperbranched vinyl polymers. Journal of Polymer Science Part A, 2007, 45, 26-40.	2.3	60

#	Article	IF	Citations
19	Ethylene polymerizations, and the copolymerizations of ethylene with hexene or norbornene with highly active mono(Î²â€enaminoketonato) vanadium(III) catalysts. Journal of Polymer Science Part A, 2008, 46, 2038-2048.	2.3	60
20	Ring-Opening Polymerization with Lewis Pairs and Subsequent Nucleophilic Substitution: A Promising Strategy to Well-Defined Polyethylene-like Polyesters without Transesterification. Macromolecules, 2018, 51, 836-845.	4.8	56
21	Highly elastic, strong, and reprocessable cross-linked polyolefin elastomers enabled by boronic ester bonds. Polymer Chemistry, 2020, 11, 3285-3295.	3.9	56
22	Preparation of linear Î±-olefins to high-molecular weight polyethylenes using cationic Î±-diimine nickel(II) complexes containing chloro-substituted ligands. Journal of Polymer Science Part A, 2006, 44, 1964-1974.	2.3	55
23	Insights into the mechanism for ring-opening polymerization of lactide catalyzed by Zn(C₆F₅)₂/organic superbase Lewis pairs. Catalysis Science and Technology, 2016, 6, 7763-7772.	4.1	52
24	Vanadium(V) complexes containing tetradentate amine trihydroxy ligands as catalysts for copolymerization of cyclic olefins. Journal of Polymer Science Part A, 2010, 48, 1122-1132.	2.3	51
25	Copper(0)â€mediated living radical polymerization of acrylonitrile: SETâ€LRP or AGETâ€ATRP. Journal of Polymer Science Part A, 2010, 48, 5439-5445.	2.3	51
26	Copolymerization of ethylene and cyclopentene with bis(?-enaminoketonato) titanium complexes. Journal of Polymer Science Part A, 2005, 43, 1681-1689.	2.3	50
27	Phase Transition from Tetragonal Form II to Hexagonal Form I of Butene-1/4-Methyl-1-pentene Random Copolymers: Molecular Factor versus Stretching Stimuli. Macromolecules, 2019, 52, 1188-1199.	4.8	49
28	Living ring-opening homo- and copolymerisation of Îµ-caprolactone and<scp>l</scp>-lactide by cyclic Î²-ketiminato aluminium complexes. Dalton Transactions, 2014, 43, 2244-2251.	3.3	47
29	Oxidation Control of Bottlebrush Molecular Conformation for Producing Libraries of Photonic Structures. Angewandte Chemie - International Edition, 2021, 60, 3647-3653.	13.8	44
30	CNT templated regioselective enzymatic polymerization of phenol in water and modification of surface of MWNT thereby. Journal of Polymer Science Part A, 2009, 47, 1627-1635.	2.3	43
31	Featured Crystallization Polymorphism and Memory Effect in Novel Butene-1/1,5-Hexadiene Copolymers Synthesized by Post-Metallocene Hafnium Catalyst. Macromolecules, 2016, 49, 6578-6589.	4.8	43
32	Dibenzyl trithiocarbonate mediated reversible addition-fragmentation chain transfer polymerization of acrylonitrile. Journal of Polymer Science Part A, 2006, 44, 490-498.	2.3	41
33	Observations and Mechanistic Insights on Unusual Stability of Neutral Nickel Complexes with a Sterically Crowded Metal Center. Organometallics, 2011, 30, 925-934.	2.3	41
34	Alkali Metal Carboxylates: Simple and Versatile Initiators for Ring-Opening Alternating Copolymerization of Cyclic Anhydrides/Epoxides. Macromolecules, 2021, 54, 713-724.	4.8	41
35	Accessible, Highly Active Single-Component Î²-Ketiminato Neutral Nickel(II) Catalysts for Ethylene Polymerization. Organometallics, 2010, 29, 2306-2314.	2.3	40
36	Facile Functionalization of Polyethylene via Click Chemistry. Macromolecules, 2011, 44, 5659-5665.	4.8	40

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37	Spontaneously Healable Thermoplastic Elastomers Achieved through One-Pot Living Ring-Opening Metathesis Copolymerization of Well-Designed Bulky Monomers. ACS Applied Materials & Interfaces, 2016, 8, 12445-12455.	8.0	39
38	Functional Isotactic Polypropylenes via Efficient Direct Copolymerizations of Propylene with Various Amino-Functionalized Î±-Olefins. Macromolecules, 2019, 52, 9280-9290.	4.8	39
39	Robust and Reactive Neutral Nickel Catalysts for Ethylene Polymerization and Copolymerization with a Challenging 1,1-Disubstituted Difunctional Polar Monomer. ACS Catalysis, 2021, 11, 2902-2911.	11.2	39
40	Toughening of poly(propylene carbonate) by hyperbranched poly(esterâ€amide) via hydrogen bonding interaction. Polymer International, 2011, 60, 1697-1704.	3.1	38
41	Bimetallic aluminum complexes with cyclic Î²-ketiminato ligands: the cooperative effect improves their capability in polymerization of lactide and Îµ-caprolactone. Polymer Chemistry, 2016, 7, 5819-5827.	3.9	38
42	2-Cyanoprop-2-yl dithiobenzoate mediated reversible additionâ€“fragmentation chain transfer polymerization of acrylonitrile targeting a polymer with a higher molecular weight. Journal of Polymer Science Part A, 2007, 45, 1272-1281.	2.3	37
43	Application of thiolâ€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. Journal of Polymer Science Part A, 2012, 50, 2499-2506.	2.3	37
44	Ethylene polymerization by (Î±â€diimine)nickel(II) complexes bearing different substituents on paraâ€position of imines activated with MMAO. Journal of Applied Polymer Science, 2008, 109, 700-707.	2.6	36
45	Discovery and Insights into Organized Spontaneous Emulsification via Interfacial Self-Assembly of Amphiphilic Bottlebrush Block Copolymers. Macromolecules, 2021, 54, 3668-3677.	4.8	36
46	Comparative study on polyimides from 3,3?-and 4,4?-linked diphthalic anhydride. Journal of Applied Polymer Science, 1996, 59, 923-930.	2.6	35
47	Ethylene polymerization and ethylene/hexene copolymerization with vanadium(III) catalysts bearing heteroatomâ€containing salicylaldiminato ligands. Journal of Polymer Science Part A, 2009, 47, 3573-3582.	2.3	35
48	Rapid Responsive Mechanochromic Photonic Pigments with Alternating Glassy-Rubbery Concentric Lamellar Nanostructures. ACS Nano, 2021, 15, 8770-8779.	14.6	34
49	Preparation of nano-hydroxyapatite/poly(l-lactide) biocomposite microspheres. Journal of Nanoparticle Research, 2007, 9, 901-908.	1.9	33
50	Syntheses and Ethylene Polymerization Behavior of Supported Salicylaldimine-Based Neutral Nickel(II) Catalysts. Organometallics, 2007, 26, 2609-2615.	2.3	32
51	Branched polystyrene with abundant pendant vinyl functional groups from asymmetric divinyl monomer. Journal of Polymer Science Part A, 2008, 46, 6023-6034.	2.3	32
52	Stretchingâ€induced phase transition of the buteneâ€1/ethylene random copolymer: Orientation and kinetics. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 116-126.	2.1	31
53	Self-Assembled Photonic Microsensors with Strong Aggregation-Induced Emission for Ultra-Trace Quantitative Detection. ACS Nano, 2021, 15, 5534-5544.	14.6	31
54	Insights into propylene/ï‰â€haloâ€Î±â€alkenes copolymerization promoted by racâ€<scp>E</scp>t(<scp>I</scp>nd)₂<scp>Z</scp>r<scp>C</scp>l₂ and (pyridylâ€amido)hafnium catalysts. Journal of Polymer Science Part A, 2014, 52, 3421-3428.	2.3	30

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55	Constructing ABA- and ABCBA-Type Multiblock Copolyesters with Structural Diversity by Organocatalytic Self-Switchable Copolymerization. Macromolecules, 2021, 54, 6171-6181.	4.8	30
56	Self-healable gradient copolymers. Materials Chemistry Frontiers, 2019, 3, 464-471.	5.9	30
57	Preparation and properties of polyimide films codoped with barium and titanium oxides. Journal of Applied Polymer Science, 2002, 83, 1810-1816.	2.6	29
58	Primary and secondary crystallization kinetic analysis of nylon 1212. Polymer International, 2004, 53, 1658-1665.	3.1	29
59	Ethyleneâ€“propylene copolymerization with bis(Î²-enaminoketonato) titanium complexes activated with modified methylaluminoxane. Journal of Polymer Science Part A, 2006, 44, 5846-5854.	2.3	29
60	One-Step Synthesis of Sequence-Controlled Polyester-block-Poly(ester-alt-thioester) by Chemoselective Multicomponent Polymerization. Macromolecules, 2022, 55, 1153-1164.	4.8	29
61	Synthesis of Novel Star Polymers with Vinyl-Functionalized Hyperbranched Core via â€œArm-Firstâ€• Strategy. Macromolecules, 2010, 43, 7985-7992.	4.8	28
62	Synthesis of (Imido)vanadium(V) Complexes Containing 8-(2,6-Dimethylanilide)-5,6,7-trihydroquinoline Ligands: Highly Active Catalyst Precursors for Ethylene Dimerization. Organometallics, 2014, 33, 1053-1060.	2.3	28
63	Well-defined phosphino-phenolate neutral nickel(ii) catalysts for efficient (co)polymerization of norbornene and ethylene. Dalton Transactions, 2015, 44, 7382-7394.	3.3	28
64	Synthesis of Novel Cyclic Olefin Polymer with High Glass Transition Temperature via Ringâ€Opening Metathesis Polymerization. Macromolecular Chemistry and Physics, 2016, 217, 2708-2716.	2.2	28
65	Oneâ€Step Access to Sequenceâ€Controlled Block Copolymers by Selfâ€Switchable Organocatalytic Multicomponent Polymerization. Angewandte Chemie, 2018, 130, 17130-17134.	2.0	28
66	Unusual IIâ€“I Phase Transition Behavior of Polybutene-1 Ionomers in the Presence of Long-Chain Branch and Ionic Functional Groups. Macromolecules, 2019, 52, 4634-4645.	4.8	28
67	Relationship between structure and gas permeation properties of polyimides prepared from oxydiphthalic dianhydride. Macromolecular Chemistry and Physics, 1997, 198, 2769-2778.	2.2	27
68	Ethylene polymerization by the new chromium catalysts based on aminoâ€pyrrolide ligands. Journal of Polymer Science Part A, 2009, 47, 713-721.	2.3	26
69	Cyclopolymerization of Si-Containing Î±,Ï‰-Diolefins by a Pyridylamidohafnium Catalyst with High Cyclization Selectivity and Stereoselectivity. Macromolecules, 2014, 47, 6627-6634.	4.8	26
70	Efficient synthesis of diverse well-defined functional polypropylenes with high molecular weights and high functional group contents via thiolâ€“halogen click chemistry. Polymer Chemistry, 2015, 6, 1150-1158.	3.9	26
71	Influence of Steric Norbornene Co-units on the Crystallization and Memory Effect of Polybutene-1 Copolymers. Macromolecules, 2020, 53, 2088-2100.	4.8	26
72	Highly efficient ethylene/norbornene copolymerization by oâ€Di(phenyl)phosphanylphenolateâ€based halfâ€titanocene complexes. Journal of Polymer Science Part A, 2013, 51, 1585-1594.	2.3	25

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73	Molecular-Level Tuning toward Aggregation Dynamics of Self-Healing Materials. Macromolecules, 2019, 52, 5289-5297.	4.8	25
74	Handwritable one-dimensional photonic crystals prepared from dendronized brush block copolymers. Polymer Chemistry, 2019, 10, 1519-1525.	3.9	25
75	Ethylene/Î±-olefin copolymerization with bis(Î²-enaminoketonato) titanium complexes activated with modified methylaluminoxane. Journal of Polymer Science Part A, 2005, 43, 6323-6330.	2.3	24
76	Living copolymerization of ethylene with norbornene mediated by heteroligated (Salicylaldiminato)(Î²â€enaminoketonato)titanium catalysts. Journal of Polymer Science Part A, 2009, 47, 6072-6082.	2.3	24
77	Functionalized Elastomeric Ionomers Used as Effective Toughening Agents for Poly(lactic acid): Enhancement in Interfacial Adhesion and Mechanical Performance. ACS Sustainable Chemistry and Engineering, 2020, 8, 573-585.	6.7	24
78	Ethylene polymerization by the chromium catalysts based on bidentate [O, Pï£¾O] or [S, P] ligands. Journal of Polymer Science Part A, 2010, 48, 311-319.	2.3	23
79	Bis(Î²â€enaminoketonato) vanadium (III or IV) complexes as catalysts for olefin polymerization. Journal of Polymer Science Part A, 2010, 48, 3062-3072.	2.3	23
80	Synthesis and Characterization of Novel Half-Metallocene-Type Group IV Complexes Containing Phosphine Oxideâ€“Phenolate Chelating Ligands and Their Application to Ethylene Polymerization. Organometallics, 2011, 30, 4052-4059.	2.3	23
81	Ethylene polymerization and ethylene/hexene copolymerization by vanadium(III) complexes bearing bidentate phenoxy-phosphine oxide ligands. Journal of Polymer Science Part A, 2013, 51, 5298-5306.	2.3	23
82	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. Chinese Journal of Polymer Science (English Edition), 2018, 36, 1269-1276.	3.8	23
83	Synthesis and characterization of novel neutral nickel complexes bearing fluorinated salicylaldiminato ligands and their catalytic behavior for vinylic polymerization of norbornene. Applied Organometallic Chemistry, 2008, 22, 333-340.	3.5	22
84	Facile and efficient synthesis of hyperbranched polyesters based on renewable castor oil. Polymer International, 2013, 62, 1457-1464.	3.1	22
85	Thermal, rheological, and mechanical properties of polylactide/poly(diethylene glycol adipate). Polymer Bulletin, 2013, 70, 3487-3500.	3.3	22
86	Toughening Poly(lactic acid) with Imidazolium-based Elastomeric Ionomers. Chinese Journal of Polymer Science (English Edition), 2018, 36, 1342-1352.	3.8	22
87	Synthesis of cyclic olefin polymers with high glass transition temperature by ring-opening metathesis copolymerization and subsequent hydrogenation. Journal of Polymer Science Part A, 2014, 52, 2654-2661.	2.3	21
88	Synthesis of High Performance Cyclic Olefin Polymers (COPs) with Ester Group via Ring-Opening Metathesis Polymerization. Polymers, 2015, 7, 1389-1409.	4.5	21
89	Polynorbornene-based anion exchange membranes with hydrophobic large steric hindrance arylene substituent. Journal of Membrane Science, 2022, 641, 119938.	8.2	21
90	Copolymerization of propylene with Si-containing Î±,Ï‰-diolefins: how steric hindrance of diolefins affects long chain branch formation. Polymer Chemistry, 2016, 7, 2938-2946.	3.9	20

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91	Synthesis of lactide/É›â€caprolactone quasiâ€random copolymer by using rationally designed mononuclear aluminum complexes with modified Î²â€ketiminato ligand. Journal of Polymer Science Part A, 2018, 56, 203-212.	2.3	20
92	Tris(2,4-difluorophenyl)borane/Triisobutylphosphine Lewis Pair: A Thermostable and Air/Moisture-Tolerant Organic Catalyst for the Living Polymerization of Acrylates. Macromolecules, 2021, 54, 8495-8502.	4.8	20
93	Synthesis of novel cyclic olefin polymers with excellent transparency and high glass-transition temperature via gradient copolymerization of bulky cyclic olefin andcis-cyclooctene. Journal of Polymer Science Part A, 2014, 52, 3240-3249.	2.3	19
94	Janus Photonic Microspheres with Bridged Lamellar Structures via Dropletâ€Confined Block Copolymer Coâ€Assembly. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
95	Gas separation properties of aromatic polyetherimides from 1,4-bis(3,4-dicarboxyphenoxy)benzene dianhydride and 3,5-diaminobenzic acid or its esters. Journal of Applied Polymer Science, 1997, 63, 1-7.	2.6	18
96	Oneâ€pot synthesis and characterization of hyperbranched poly(esterâ€amide)s from commercially available dicarboxylic acids and multihydroxyl secondary amines. Journal of Polymer Science Part A, 2008, 46, 5077-5092.	2.3	18
97	Novel vanadium(III) complexes with tridentate phenoxyâ€phosphine [O,P(ï£¾O),O] ligands: Synthesis, characterization, and catalytic behavior of ethylene polymerization and copolymerization with 10â€undecenâ€1â€ol. Journal of Polymer Science Part A, 2013, 51, 844-854.	2.3	18
98	Highly active half-sandwich chromium(<scp>iii</scp>) catalysts bearing bis(imino)pyrrole ligands for ethylene (co)polymerization. RSC Advances, 2014, 4, 19433-19439.	3.6	18
99	Supertough and Transparent Poly(lactic acid) Nanostructure Blends with Minimal Stiffness Loss. ACS Omega, 2020, 5, 13148-13157.	3.5	18
100	Facile Synthesis of High-Molecular-Weight Vinyl Sulfone (Sulfoxide) Modified Polyethylenes via Coordinationâ€“Insertion Copolymerization. Macromolecules, 2020, 53, 5177-5187.	4.8	18
101	Supertough Poly(lactic acid) and Sustainable Elastomer Blends Compatibilized by PLLA-b-PMMA Block Copolymers as Effective A-b-C-Type Compatibilizers. Industrial & Engineering Chemistry Research, 2020, 59, 13956-13968.	3.7	18
102	Fully Bio-Based and Supertough PLA Blends via a Novel Interlocking Strategy Combining Strong Dipolar Interactions and Stereocomplexation. Macromolecules, 2022, 55, 5864-5878.	4.8	18
103	Ethylene homopolymerizaton and copolymerizaton by vanadium(III) complexes containing tridentate or tetradentate iminopyrrolyl ligands. Journal of Polymer Science Part A, 2011, 49, 2700-2708.	2.3	17
104	Functionalization of vinylic addition polynorbornenes via efficient copolymerization of norbornene using Ni(II)â€Me complexes. Journal of Polymer Science Part A, 2012, 50, 562-570.	2.3	17
105	Efficient copolymerization of ethylene with norbornene or its derivatives using half-metallocene zirconium(iv) catalysts. RSC Advances, 2016, 6, 59590-59599.	3.6	17
106	Flow-Induced Crystallization of Crosslinked Poly(vinylidene fluoride) at Elevated Temperatures: Formation and Evolution of the Electroactive Î²-Phase. Industrial & Engineering Chemistry Research, 2020, 59, 4459-4471.	3.7	17
107	Twoâ€Dimensional Materialâ€Enhanced Flexible and Selfâ€Healable Photodetector for Largeâ€Area Photodetection. Advanced Functional Materials, 2021, 31, 2100136.	14.9	17
108	Facile, Efficient Copolymerization of Ethylene with Bicyclic, Nonâ€Conjugated Dienes by Titanium Complexes Bearing Bis(Î²â€Enaminoketonato) Ligands. Advanced Synthesis and Catalysis, 2009, 351, 1505-1511.	4.3	16

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109	RAFT polymerization of a novel alleneâ€derived asymmetrical divinyl monomer: A facile strategy to alkeneâ€functionalized hyperbranched vinyl polymers with high degrees of branching. Journal of Polymer Science Part A, 2013, 51, 2959-2969.	2.3	16
110	Synthesis, structural characterization, and ethylene polymerization behavior of (arylimido)vanadium(V) complexes bearing tridentate Schiff base ligands. Journal of Polymer Science Part A, 2014, 52, 2633-2642.	2.3	16
111	Ru(II) Catalyst Enables Dynamic Dualâ€Crossâ€Linked Elastomers with Nearâ€Infrared Selfâ€Healing toward Flexible Electronics. Advanced Functional Materials, 2022, 32, .	14.9	16
112	Syndiospecific polymerization of styrene with Cp*TiCl((OCH(R)CH2)2NAr)/MMAO. Journal of Polymer Science Part A, 2005, 43, 1562-1568.	2.3	15
113	Preparation of novel cyclic olefin copolymer with high glass transition temperature. Journal of Polymer Science Part A, 2013, 51, 3144-3152.	2.3	15
114	Novel zirconium complexes with constrained cyclic Î²-enaminoketonato ligands: improved catalytic capability toward ethylene polymerization. Dalton Transactions, 2016, 45, 10308-10318.	3.3	15
115	Supersoft Elastic Bottlebrush Microspheres with Stimuli-Responsive Color-Changing Properties in Brine. Langmuir, 2021, 37, 6744-6753.	3.5	15
116	Cyclic olefin copolymers containing both linear polyethylene and poly(ethylene-co-norbornene) segments prepared from chain shuttling copolymerization of ethylene and norbornene. Polymer Chemistry, 2022, 13, 245-257.	3.9	15
117	Synthesis, characterization and ethylene (co-)polymerization behavior of half-titanocene 2-(1-(arylimino)ethyl)quinolin-8-olate chlorides. Catalysis Science and Technology, 2011, 1, 1208.	4.1	14
118	Synthesis of Polyethylene Containing Allene Groups: A Simple and Efficient Route to Functional Polyethylene. Macromolecular Rapid Communications, 2012, 33, 998-1002.	3.9	14
119	From Zn(C 6 F 5) 2 to ZnEt 2 â€based Lewis Pairs: Significantly Improved Catalytic Activity and Monomer Adaptability for the Ringâ€opening Polymerization of Lactones. ChemCatChem, 2018, 10, 5287-5296.	3.7	14
120	Toughening Biosourced Poly(lactic acid) and Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) Blends by a Renewable Poly(epichlorohydrin-co-ethylene oxide) Elastomer. ACS Omega, 2019, 4, 19777-19786.	3.5	14
121	Copolymerization of Propylene with Higher Î±-Olefins by a Pyridylamidohafnium Catalyst: An Effective Approach to Polypropylene-Based Elastomer. Polymers, 2020, 12, 89.	4.5	14
122	Synthesis of Unsaturated (Co)polyesters from Ring-Opening Copolymerization by Aluminum Bipyridine Bisphenolate Complexes with Improved Protonic Impurities Tolerance. Macromolecules, 2022, 55, 3502-3512.	4.8	14
123	Facile synthesis and characterization of hyperbranched poly(ether amide)s generated from Michael addition polymerization of in situ created AB₂ monomers. Journal of Polymer Science Part A, 2007, 45, 4309-4321.	2.3	13
124	Synthesis, structural characterization, and olefin polymerization behavior of vanadium(III) complexes bearing bidentate phenoxyâ€phosphine ligands. Journal of Polymer Science Part A, 2012, 50, 4721-4731.	2.3	13
125	9,9-Dimethylxanthene-based binuclear phenoxy-imine neutral nickel(II) catalysts for ethylene homo- and copolymerization. Journal of Organometallic Chemistry, 2017, 836-837, 34-43.	1.8	13
126	Stereoblock Polypropylenes Prepared by Efficient Chain Shuttling Polymerization of Propylene with Binary Zirconium Catalysts and iBu3Al. Chinese Journal of Polymer Science (English Edition), 2020, 38, 1192-1201.	3.8	13

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127	Precise Tailoring of Polyester Bottlebrush Amphiphiles toward Ecoâ€Friendly Photonic Pigments via Interfacial Selfâ€Assembly. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
128	Atom transfer radical polymerization of butadiene using MoO2Cl2/PPh3 as the catalyst. Journal of Applied Polymer Science, 2007, 104, 3517-3522.	2.6	12
129	Water-soluble hyperbranched poly(ester urethane)s based on d,l-alanine: isocyanate-free synthesis, post-functionalization and application. Green Chemistry, 2012, 14, 2243.	9.0	12
130	New Half-Sandwich Chromium(III) Complexes Bearing Phenoxy-Phosphine (Oxide) [O,P(â•O)] Ligands: Synthesis, Structures, and Catalytic Properties for Ethylene (Co)Polymerization. Organometallics, 2013, 32, 4805-4812.	2.3	12
131	Study on the thermal degradation behavior and flameâ€retardant property of polylactide/PEDPP blends. Polymers for Advanced Technologies, 2013, 24, 576-583.	3.2	12
132	Polyethyleneâ€blockâ€poly(Îµâ€caprolactone) diblock copolymers: synthesis and compatibility. Polymer International, 2014, 63, 2017-2022.	3.1	12
133	Cyclic olefin copolymers of propylene with asymmetric Si-containing Î±,Ï‰-diolefins: The tailored thermal and mechanical properties. Polymer, 2015, 61, 108-114.	3.8	12
134	Ring-opening metathesis polymerization of cis-5-norbornene-endo-2,3-dicarboxylic anhydride derivatives using the grubbs third generation catalyst. Chinese Journal of Polymer Science (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	12
135	Alcohols responsive photonic crystals prepared by self-assembly of dendronized block copolymers. Reactive and Functional Polymers, 2019, 139, 162-169.	4.1	12
136	Dramatic Improvements in Mechanical Properties of Poly(<scp>L</scp>â€lactide)/Silica Nanocomposites by Addition of Hyperbranched Poly(ester amide). Macromolecular Materials and Engineering, 2010, 295, 415-419.	3.6	11
137	Synthesis of novel hyperbranched poly(esterâ€amide)s based on neutral Î±â€amino acids via â€œAD + CBBâ€²â€• coupleâ€monomer approach. Journal of Polymer Science Part A, 2010, 48, 5364-5374.	2.3	11
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