

Dongmei Cui

List of Publications by Year in descending order

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177
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7,483
citations

31902

53
h-index

66788

78
g-index

179
all docs

179
docs citations

179
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	Achiral Lanthanide Alkyl Complexes Bearing N,O Multidentate Ligands. Synthesis and Catalysis of Highly Heteroselective Ring-Opening Polymerization of rac-Lactide. <i>Organometallics</i> , 2007, 26, 2747-2757.	1.1	278
2	Highly <i>cis</i> -1,4 Selective Polymerization of Dienes with Homogeneous Ziegler-Natta Catalysts Based on NCN-Pincer Rare Earth Metal Dichloride Precursors. <i>Journal of the American Chemical Society</i> , 2008, 130, 4984-4991.	6.6	225
3	Highly 3,4-Selective Living Polymerization of Isoprene with Rare Earth Metal Fluorenyl N-Heterocyclic Carbene Precursors. <i>Macromolecules</i> , 2008, 41, 1983-1988.	2.2	182
4	Polymerization of rac-Lactide Using Schiff Base Aluminum Catalysts: Structure, Activity, and Stereoselectivity. <i>Macromolecules</i> , 2007, 40, 1904-1913.	2.2	174
5	Alternating Copolymerization of Cyclohexene Oxide and Carbon Dioxide Catalyzed by Organo Rare Earth Metal Complexes. <i>Macromolecules</i> , 2005, 38, 4089-4095.	2.2	146
6	An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. <i>Scientific Reports</i> , 2014, 4, 5471.	1.6	138
7	Synthesis of the First Rare Earth Metal Bis(alkyl)s Bearing an Indenyl Functionalized N-Heterocyclic Carbene. <i>Organometallics</i> , 2007, 26, 3167-3172.	1.1	133
8	Highly Isoselective Coordination Polymerization of <i>ortho</i> -Methoxystyrene with β -Diketiminato Rare-Earth-Metal Precursors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5205-5209.	7.2	131
9	Lanthanide-Imido Complexes and Their Reactions with Benzonitrile. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 959-962.	7.2	129
10	β -Diketiminato Rare-Earth Metal Complexes. Structures, Catalysis, and Active Species for Highly <i>cis</i> -1,4-Selective Polymerization of Isoprene. <i>Organometallics</i> , 2010, 29, 2186-2193.	1.1	127
11	Highly <i>Cis</i> -1,4-Selective Living Polymerization of 1,3-Conjugated Dienes and Copolymerization with μ -Caprolactone by Bis(phosphino)carbazolide Rare-Earth-Metal Complexes. <i>Organometallics</i> , 2011, 30, 760-767.	1.1	126
12	Polymerization of 1,3-Conjugated Dienes with Rare-Earth Metal Precursors. <i>Structure and Bonding</i> , 2010, , 49-108.	1.0	125
13	Tetranuclear Rare Earth Metal Polyhydrido Complexes Composed of ∞ (C ₅ Me ₄ SiMe ₃)LnH ₂ Units. Unique Reactivities toward Unsaturated C [∞] C, C [∞] N, and C [∞] O Bonds. <i>Journal of the American Chemical Society</i> , 2004, 126, 1312-1313.	6.6	123
14	Living catalyzed-chain-growth polymerization and block copolymerization of isoprene by rare-earth metal allyl precursors bearing a constrained-geometry-conformation ligand. <i>Chemical Communications</i> , 2010, 46, 3022.	2.2	103
15	Isoselective ring-opening polymerization of rac-lactide initiated by achiral heteroscorpionate zwitterionic zinc complexes. <i>Chemical Communications</i> , 2014, 50, 11411.	2.2	103
16	Pyrrrolide-Supported Lanthanide Alkyl Complexes. Influence of Ligands on Molecular Structure and Catalytic Activity toward Isoprene Polymerization. <i>Organometallics</i> , 2007, 26, 4575-4584.	1.1	102
17	Ligands Dominate Highly Syndioselective Polymerization of Styrene by Using Constrained-geometry-configuration Rare-earth Metal Precursors. <i>Macromolecules</i> , 2012, 45, 1248-1253.	2.2	98
18	Magnesium and Zinc Complexes Supported by <i>N</i> , <i>O</i> -Bidentate Pyridyl Functionalized Alkoxy Ligands: Synthesis and Immortal ROP of μ -CL and κ -LA. <i>Organometallics</i> , 2012, 31, 4182-4190.	1.1	98

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19	CCC-Pincer Bis(carbene) Lanthanide Dibromides. Catalysis on Highly <i>cis</i> -1,4-Selective Polymerization of Isoprene and Active Species. <i>Organometallics</i> , 2010, 29, 2987-2993.	1.1	95
20	Highly 3,4-Selective Polymerization of Isoprene with NPN Ligand Stabilized Rare-Earth Metal Bis(alkyl)s. Structures and Performances. <i>Organometallics</i> , 2009, 28, 4814-4822.	1.1	94
21	Stereoselective Copolymerization of Unprotected Polar and Nonpolar Styrenes by an Yttrium Precursor: Control of Polar Group Distribution and Mechanism. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2714-2719.	7.2	93
22	New Rare Earth Metal Bis(alkyl)s Bearing an Iminophosphonamido Ligand. Synthesis and Catalysis toward Highly 3,4-Selective Polymerization of Isoprene. <i>Organometallics</i> , 2008, 27, 718-725.	1.1	92
23	Development of Group 3 Catalysts for Alternating Copolymerization of Ethylene and Styrene Derivatives. <i>ACS Catalysis</i> , 2018, 8, 6086-6093.	5.5	89
24	Facile Synthesis of Hydroxyl-Ended, Highly Stereoregular, Star-Shaped Poly(lactide) from Immortal ROP of <i>rac</i> -Lactide and Kinetics Study. <i>Macromolecules</i> , 2010, 43, 6678-6684.	2.2	84
25	A Lutetium Allyl Complex That Bears a Pyridyl-Functionalized Cyclopentadienyl Ligand: Dual Catalysis on Highly Syndiospecific and <i>cis</i> -1,4-Selective (Co)Polymerizations of Styrene and Butadiene. <i>Chemistry - A European Journal</i> , 2010, 16, 14007-14015.	1.7	80
26	Phosphinimino-amino Magnesium Complexes: Synthesis and Catalysis of Heteroselective ROP of <i>rac</i> -Lactide. <i>Organometallics</i> , 2014, 33, 722-730.	1.1	79
27	Syndioselective coordination polymerization of unmasked polar methoxystyrenes using a pyridenylmethylene fluorenyl yttrium precursor. <i>Chemical Communications</i> , 2015, 51, 4685-4688.	2.2	78
28	Bis(imino)aryl NCN Pincer Aluminum and Zinc Complexes: Synthesis, Characterization, and Catalysis on <i>scp</i> -Lactide Polymerization. <i>Organometallics</i> , 2010, 29, 5783-5790.	1.1	77
29	Isoselective 3,4-(co)polymerization of bio-renewable myrcene using NSN-ligated rare-earth metal precursor: an approach to a new elastomer. <i>Chemical Communications</i> , 2015, 51, 1039-1041.	2.2	77
30	Yttrium bis(alkyl) and bis(amido) complexes bearing N,O multidentate ligands. Synthesis and catalytic activity towards ring-opening polymerization of <i>scp</i> -Lactide. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5662-5672.	2.5	75
31	Ligand-Free Magnesium Catalyst System: Immortal Polymerization of <i>scp</i> -Lactide with High Catalyst Efficiency and Structure of Active Intermediates. <i>Macromolecules</i> , 2012, 45, 6957-6965.	2.2	75
32	Rare-Earth-Metal Complexes Bearing Phosphazene Ancillary Ligands: Structures and Catalysis toward Highly Trans-1,4-Selective (Co)Polymerizations of Conjugated Dienes. <i>Organometallics</i> , 2013, 32, 1166-1175.	1.1	74
33	Reduction-sensitive core-cross-linked mPEG-poly(ester-carbonate) micelles for glutathione-triggered intracellular drug release. <i>Polymer Chemistry</i> , 2012, 3, 2403.	1.9	71
34	Protic compound mediated living cross-chain-transfer polymerization of <i>rac</i> -lactide: synthesis of isotactic (crystalline)-heterotactic (amorphous) stereomultiblock polylactide. <i>Chemical Communications</i> , 2012, 48, 6375.	2.2	71
35	Precisely Controlled Polymerization of Styrene and Conjugated Dienes by Group 3 Single-Site Catalysts. <i>ChemCatChem</i> , 2018, 10, 42-61.	1.8	71
36	3,4-Polymerization of Isoprene by Using NSN- and NPN-Ligated Rare Earth Metal Precursors: Switching of Stereo Selectivity and Mechanism. <i>Macromolecules</i> , 2014, 47, 4971-4978.	2.2	70

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37	Alternating copolymerization of cyclohexene oxide and carbon dioxide catalyzed by noncyclopentadienyl rare-earth metal bis(alkyl) complexes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6810-6818.	2.5	69
38	Isoprene polymerization with aminopyridinato ligand supported rare-earth metal complexes. Switching of the regio- and stereoselectivity. <i>Chemical Communications</i> , 2010, 46, 6150.	2.2	69
39	Statistically Syndioselective Coordination (Co)polymerization of 4-Methylthiostyrene. <i>Macromolecules</i> , 2016, 49, 781-787.	2.2	68
40	Binuclear Rare-Earth-Metal Alkyl Complexes Ligated by Phenylene-Bridged η^2 -Diketiminato Ligands: Synthesis, Characterization, and Catalysis toward Isoprene Polymerization. <i>Organometallics</i> , 2013, 32, 3203-3209.	1.1	66
41	Rare-Earth-Metal-Hydrocarbyl Complexes Bearing Linked Cyclopentadienyl or Fluorenyl Ligands: Synthesis, Catalyzed Styrene Polymerization, and Structure-Activity Relationship. <i>Chemistry - A European Journal</i> , 2012, 18, 2674-2684.	1.7	64
42	Copolymerization of μ -Caprolactone and ϵ -Lactide Catalyzed by Multinuclear Aluminum Complexes: An Immortal Approach. <i>Organometallics</i> , 2014, 33, 6474-6480.	1.1	63
43	Isoprene polymerization with indolide-imine supported rare-earth metal alkyl and amidinate complexes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5251-5262.	2.5	62
44	A New Strategy To Access Polymers with Aggregation-Induced Emission Characteristics. <i>Macromolecules</i> , 2014, 47, 5586-5594.	2.2	62
45	Thiophene-NPN Ligand Supported Rare-Earth Metal Bis(alkyl) Complexes. Synthesis and Catalysis toward Highly trans-1,4 Selective Polymerization of Butadiene. <i>Organometallics</i> , 2008, 27, 6531-6538.	1.1	60
46	Mechanism and Effect of Polar Styrenes on Scandium-Catalyzed Copolymerization with Ethylene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14896-14901.	7.2	60
47	NNN-Tridentate Pyrrolyl Rare-Earth Metal Complexes: Structure and Catalysis on Specific Selective Living Polymerization of Isoprene. <i>Organometallics</i> , 2012, 31, 6014-6021.	1.1	59
48	Tridentate CCC-Pincer Bis(carbene)-Ligated Rare-Earth Metal Dibromides. Synthesis and Characterization. <i>Organometallics</i> , 2008, 27, 5438-5440.	1.1	58
49	Efficient and Heteroselective Heteroscorpionate Rare-Earth-Metal Zwitterionic Initiators for ROP of ϵ -Lactide: Role of β -Ligand. <i>Macromolecules</i> , 2014, 47, 2233-2241.	2.2	57
50	Heteroscorpionate Rare-Earth Metal Zwitterionic Complexes: Syntheses, Characterization, and Heteroselective Catalysis on the Ring-Opening Polymerization of ϵ -Lactide. <i>Chemistry - A European Journal</i> , 2011, 17, 11520-11526.	1.7	56
51	Nature of the Entire Range of Rare Earth Metal-Based Cationic Catalysts for Highly Active and Syndioselective Styrene Polymerization. <i>ACS Catalysis</i> , 2016, 6, 176-185.	5.5	56
52	Facile Preparation of a Scandium Terminal Imido Complex Supported by a Phosphazene Ligand. <i>Organometallics</i> , 2013, 32, 5523-5529.	1.1	55
53	Mechanism and Effect of Polar Styrenes on Scandium-Catalyzed Copolymerization with Ethylene. <i>Angewandte Chemie</i> , 2018, 130, 15112-15117.	1.6	55
54	Highly trans-1,4 selective (co-)polymerization of butadiene and isoprene with quinolyl anilido rare earth metal bis(alkyl) precursors. <i>Dalton Transactions</i> , 2011, 40, 7755.	1.6	54

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55	Highly 3,4-Selective Living Polymerization of Isoprene and Copolymerization with $\hat{\mu}$ -Caprolactone by an Amidino N-Heterocyclic Carbene Ligated Lutetium Bis(alkyl) Complex. <i>Organometallics</i> , 2014, 33, 684-691.	1.1	53
56	Highly cis-1,4-selective coordination polymerization of polar 2-(4-methoxyphenyl)-1,3-butadiene and copolymerization with isoprene using a $\hat{\nu}$ -diketiminato yttrium bis(alkyl) complex. <i>Polymer Chemistry</i> , 2016, 7, 1264-1270.	1.9	53
57	Highly Regio- and Stereoselective Terpolymerization of Styrene, Isoprene and Butadiene with Lutetium-Based Coordination Catalyst. <i>Macromolecules</i> , 2011, 44, 7675-7681.	2.2	51
58	Regioselective Chain Shuttling Polymerization of Isoprene: An Approach To Access New Materials from Single Monomer. <i>Macromolecules</i> , 2016, 49, 6226-6231.	2.2	51
59	Copolymerization of ethylene with norbornene catalyzed by cationic rare earth metal fluorenyl functionalized N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2009, , 8963.	1.6	48
60	Synthesis and Characterization of Heteroscorpionate Rare-Earth Metal Dialkyl Complexes and Catalysis on MMA Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2861-2866.	1.0	48
61	Stereo-selectivity switchable ROP of <i>cis</i> - $\hat{\nu}$ -butyrolactone initiated by salen-ligated rare-earth metal amide complexes: the key role of the substituents on ligand frameworks. <i>Chemical Communications</i> , 2018, 54, 11998-12001.	2.2	46
62	Stereoselective Polymerization of Styrene with Cationic Scandium Precursors Bearing Quinoyl Aniline Ligands. <i>Organometallics</i> , 2010, 29, 1916-1923.	1.1	43
63	Unprecedented 3,4-Isoprene and <i>cis</i> -1,4-Butadiene Copolymers with Controlled Sequence Distribution by Single Yttrium Cationic Species. <i>Macromolecules</i> , 2014, 47, 8524-8530.	2.2	43
64	Rapid Syndiospecific (Co)Polymerization of Fluorostyrene with High Monomer Conversion. <i>Chemistry - A European Journal</i> , 2017, 23, 18151-18155.	1.7	43
65	Aluminum Schiff base catalysts derived from $\hat{\nu}$ -diketone for the stereoselective polymerization of racemic lactides. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6605-6612.	2.5	42
66	Lanthanide Complexes Coordinated by a Dianionic Bis(amidinate) Ligand with a Rigid Naphthalene Linker. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3290-3298.	1.0	42
67	Self-Activated Coordination Polymerization of Alkoxystyrenes by a Yttrium Precursor: Stereocontrol and Mechanism. <i>ACS Catalysis</i> , 2019, 9, 2618-2625.	5.5	40
68	Copolymerization of Ethylene with 1-Hexene and 1-Octene Catalyzed by Fluorenyl N-Heterocyclic Carbene Ligated Rare-Earth Metal Precursors. <i>Organometallics</i> , 2013, 32, 2204-2209.	1.1	39
69	<i>cis</i> - $\hat{\nu}$ -Selective Copolymerization of Ethylene and Butadiene: A Compromise between Two Mechanisms. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6975-6979.	7.2	39
70	Isoprene Polymerization with Iminophosphonamide Rare-Earth-Metal Alkyl Complexes: Influence of Metal Size on the Regio- and Stereoselectivity. <i>Organometallics</i> , 2015, 34, 4063-4068.	1.1	38
71	The behavior of pyrrolyl ligands within the rare-earth metal alkyl complexes. Insertion of C \equiv N and C \equiv O double bonds into Ln $\hat{\nu}$ -f-C bonds. <i>Dalton Transactions</i> , 2010, 39, 3959.	1.6	37
72	Synthesis and Stereospecific Polymerization of a Novel Bulky Styrene Derivative. <i>Macromolecules</i> , 2016, 49, 2502-2510.	2.2	36

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73	Highly <i>Cis</i> -1,4-Selective Living Polymerization of 3-Methylenehepta-1,6-diene and Its Subsequent Thiol-ene Reaction: An Efficient Approach to Functionalized Diene-Based Elastomer. <i>Macromolecules</i> , 2016, 49, 1242-1251.	2.2	36
74	Lutetium-Methanediide-Alkyl Complexes: Synthesis and Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 15493-15498.	1.7	35
75	Stereo- and Temporally Controlled Coordination Polymerization Triggered by Alternating Addition of a Lewis Acid and Base. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11975-11978.	7.2	35
76	Sequence and Regularity Controlled Coordination Copolymerization of Butadiene and Styrene: Strategy and Mechanism. <i>Macromolecules</i> , 2017, 50, 849-856.	2.2	35
77	Stereoselective Copolymerization of Unprotected Polar and Nonpolar Styrenes by an Yttrium Precursor: Control of Polar Group Distribution and Mechanism. <i>Angewandte Chemie</i> , 2017, 129, 2758-2763.	1.6	34
78	Soluble poly(4-fluorostyrene): a high-performance dielectric electret for organic transistors and memories. <i>Materials Horizons</i> , 2020, 7, 1861-1871.	6.4	32
79	Facile synthesis of pendant- and \pm %-chain-end-functionalized polycarbonates via immortal polymerization by using a salan lutetium alkyl precursor. <i>Chemical Communications</i> , 2012, 48, 4588.	2.2	31
80	Dialkyl Rare Earth Complexes Supported by Potentially Tridentate Amidinate Ligands: Synthesis, Structures, and Catalytic Activity in Isoprene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2289-2297.	1.0	31
81	Synthesis of Isotactic-Heterotactic Stereoblock (Hard-Soft) Poly(lactide) with Tacticity Control through Immortal Coordination Polymerization. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2403-2410.	1.7	31
82	Synthesis and AIE properties of PEG-PLA-PMPC based triblock amphiphilic biodegradable polymers. <i>Polymer Chemistry</i> , 2016, 7, 1121-1128.	1.9	31
83	Scandium alkyl complex with phosphinimino-amine ligand: Synthesis, structure and catalysis on ethylene polymerization. <i>Dalton Transactions</i> , 2011, 40, 2151-2153.	1.6	29
84	Step-Growth Coordination Polymerization of 5-Hydroxymethyl Furfural with Dihydrosilanes: Synergistic Catalysis Using Heteroscorpionate Zinc Hydride and $B(C_6F_5)_3$. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11434-11438.	7.2	28
85	Polar Group Activated Isospecific Coordination Polymerization of ortho-Methoxystyrene: Effects of Central Metals and Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 2043-2050.	1.7	28
86	Synthesis of Heterocyclic-Fused Cyclopentadienyl Scandium Complexes and the Catalysis for Copolymerization of Ethylene and Dicyclopentadiene. <i>Organometallics</i> , 2015, 34, 455-461.	1.1	27
87	Synthesis and Characterization of Crystalline Styrene- <i>b</i> -(Ethylene-co-Butylene)- <i>b</i> -Styrene Triblock Copolymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1243-1249.		26
88	Access to Hydroxy-Functionalized Polypropylene through Coordination Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4947-4952.	7.2	26
89	Immortal ring-opening polymerization of ϵ -caprolactone by a neat magnesium catalyst system: an approach to obtain block and amphiphilic star polymers in situ. <i>Polymer Chemistry</i> , 2014, 5, 4580-4588.	1.9	25
90	Mononuclear Heteroscorpionate Zwitterionic Zinc Terminal Hydride: Synthesis, Reactivity, and Catalysis for Hydrosilylation of Aldehydes. <i>Organometallics</i> , 2015, 34, 3944-3949.	1.1	25

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91	Coordination Polymerization of Renewable 3- <i>Methylenecyclopentene</i> with Rare-Earth-Metal Precursors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4560-4564.	7.2	25
92	Highly <i>cis</i> -1,4 Selective Living Polymerization of Unmasked Polar 2-(2-Methylidenebut-3-enyl)Furan and Diels-Alder Addition. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700227.	2.0	25
93	Ring-opening polymerization and block copolymerization of L-lactide with divalent samarocene complex. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2667-2675.	2.5	24
94	Phosphinimino-amino supported complex: Synthesis, polymerization of ethylene and dearomatisation of pyridine. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 335-340.	0.8	24
95	Synthesis and Characterization of Dinuclear Lanthanide Rare-Earth Metal Complexes and Their Application in the Homo- and Copolymerization of Cyclic Esters. <i>Inorganic Chemistry</i> , 2018, 57, 9028-9038.	1.9	24
96	1,2-Hydroboration of Pyridines by Organomagnesium. <i>Organic Letters</i> , 2020, 22, 4960-4965.	2.4	23
97	Highly <i>cis</i> -Selective Polymerization of Phenylallene and Its Derivatives with Rare-Earth Metal Catalysts: From Amorphous to Crystalline Products. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14653-14657.	7.2	22
98	Highly Syndioselective Coordination (Co) Polymerization of <i>ortho</i> -Fluorostyrene. <i>Macromolecules</i> , 2019, 52, 9555-9560.	2.2	22
99	Rare-earth metal alkyl complexes bearing an alkoxy N-heterocyclic carbene ligand: synthesis, characterization, catalysis for isoprene polymerization. <i>New Journal of Chemistry</i> , 2015, 39, 7682-7687.	1.4	21
100	DFT Studies on the Polymerization of Functionalized Styrenes Catalyzed by Rare-Earth-Metal Complexes: Factors Affecting C-H Activation Relevant to Step-Growth Polymerization. <i>Organometallics</i> , 2018, 37, 3210-3218.	1.1	21
101	Direct Synthesis of Functional Thermoplastic Elastomer with Excellent Mechanical Properties by Scandium-Catalyzed Copolymerization of Ethylene and Fluorostyrenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25735-25740.	7.2	21
102	Structure and properties of multi-walled carbon nanotubes/polyethylene nanocomposites synthesized by in situ polymerization with supported Cp ₂ ZrCl ₂ catalyst. <i>Polymer Composites</i> , 2010, 31, 507-515.	2.3	20
103	Sequence-controlled ethylene/styrene copolymerization catalyzed by scandium complexes. <i>Polymer Chemistry</i> , 2019, 10, 235-243.	1.9	20
104	Neutral binuclear rare-earth metal complexes with four μ_4 -bridging hydrides. <i>Chemical Communications</i> , 2015, 51, 5063-5065.	2.2	19
105	Perfectly isoselective polymerization of 2-vinylpyridine promoted by μ_2 -diketiminato rare-earth metal cationic complexes. <i>Dalton Transactions</i> , 2018, 47, 14985-14991.	1.6	19
106	A convenient method to prepare random LA/CL copolymers from poly(L-lactide) and μ -caprolactone. <i>Science China Chemistry</i> , 2018, 61, 708-714.	4.2	18
107	Self-assisted stereospecific polymerization of unmasked polar 4-methylthio-1-butene. <i>Science China Chemistry</i> , 2019, 62, 761-766.	4.2	18
108	Synthesis and Characterization of Polypropylene-Based Polyurethanes. <i>Macromolecules</i> , 2020, 53, 3349-3357.	2.2	18

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109	Syndioselective 3,4-Polymerization of 1-Phenyl-1,3-Butadiene by Rare-Earth Metal Catalysts. <i>ACS Catalysis</i> , 2020, 10, 5223-5229.	5.5	17
110	Highly Syndioselective 3,4- <i>Trans</i> Polymerization of (<i>E</i>)-1-(4-Methylphenyl)-1,3-butadiene by Fluorenyl <i>N</i> -Heterocyclic Carbene Ligated Lutetium Bis(alkyl) Precursor. <i>Macromolecules</i> , 2015, 48, 1999-2005.	2.2	16
111	Highly selective <i>cis</i> -1,4 copolymerization of dienes with polar 2-(3-methylidenepent-4-en-1-yl) pyridine: an approach for recyclable elastomers. <i>Polymer Chemistry</i> , 2020, 11, 1646-1652.	1.9	16
112	Zinc-Catalyzed Hydrosilylation Copolymerization of Aromatic Dialdehydes with Diphenylsilane. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700590.	2.0	15
113	Copolymerization of Lactide and Cyclic Carbonate via Highly Stereoselective Catalysts To Modulate Copolymer Sequences. <i>Macromolecules</i> , 2018, 51, 930-937.	2.2	15
114	Highly syndioselective coordination (co)polymerization of isopropenylstyrene. <i>Polymer Chemistry</i> , 2018, 9, 4476-4482.	1.9	15
115	Highly Syndioselective Coordination (Co)Polymerization of <i>para</i> -Chlorostyrene. <i>Macromolecules</i> , 2020, 53, 8333-8339.	2.2	15
116	Stereo- and Temporally Controlled Coordination Polymerization Triggered by Alternating Addition of a Lewis Acid and Base. <i>Angewandte Chemie</i> , 2016, 128, 12154-12157.	1.6	14
117	Chain Transfer to Toluene in Styrene Coordination Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4324-4328.	7.2	14
118	Isobutene (co)polymerization initiated by rare-earth metal cationic catalysts. <i>Polymer</i> , 2020, 187, 122105.	1.8	14
119	<i>cis</i> -1,4 Selective Copolymerization of Butadiene and Functionalized $\hat{\pm}$ -Olefins via Polar Group Activation Mechanism. <i>Macromolecules</i> , 2020, 53, 6380-6386.	2.2	14
120	Highly Syndiotactic Coordination (Co)polymerization of <i>para</i> -Methylselenostyrene. <i>Macromolecules</i> , 2021, 54, 1754-1759.	2.2	14
121	Rich C-H bond activations of yttrium alkyl complexes bearing phosphinimino-amine ligands. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2781-2788.	0.8	13
122	Insights into the Formation Process of Yttrium-Aluminum Bimetallic Alkyl Complexes Supported by a Bulky Phosphazene Ligand. <i>Organometallics</i> , 2018, 37, 971-978.	1.1	13
123	Highly 3,4-selective living polymerization of 2-phenyl-1,3-butadiene with amidino <i>N</i> -heterocyclic carbene ligated rare-earth metal bis(alkyl) complexes. <i>RSC Advances</i> , 2015, 5, 93507-93512.	1.7	12
124	Copolymerization of ethylene with styrene catalyzed by a scandium catalyst. <i>Polymer Chemistry</i> , 2018, 9, 4757-4763.	1.9	12
125	Extremely High Glass Transition Temperature Hydrocarbon Polymers Prepared through Cationic Cyclization of Highly 3,4-Regulated Poly(Phenyl-1,3-Butadiene). <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800298.	2.0	12
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128	A Facile Approach to Produce Star Polymers Based on Coordination Polymerization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
129	Styrene polymerization catalyzed by metal porphyrin complex/MAO for <i>in situ</i> synthesizing polystyrene containing air stable I^{\ominus} cation radicals. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1240-1248.	2.5	11
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133	Chemo- and Stereoselective Polymerization of Polar Divinyl Monomers by Rare-Earth Complexes. <i>Macromolecules</i> , 2021, 54, 3181-3190.	2.2	11
134	Stereoselective polymerization of <i>rac</i> -lactide catalyzed by zwitterionic calcium complexes. <i>Polymer Chemistry</i> , 2021, 12, 1518-1525.	1.9	11
135	Highly stereospecific polymerization of isoprene with homogeneous binary Ziegler-Natta catalysts based on NCN-pincer neodymium precursor. <i>Science China Chemistry</i> , 2010, 53, 1641-1645.	4.2	10
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142	Copolymerization of ethylene and halogenated styrenes using scandium catalysts. <i>Polymer</i> , 2020, 209, 123057.	1.8	10
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147	Coordination Polymerization of Renewable 3-Methylenecyclopentene with Rare-Earth Metal Precursors. <i>Angewandte Chemie</i> , 2017, 129, 4631-4635.	1.6	9
148	Molecular Thorium Trihydrido Clusters Stabilized by Cyclopentadienyl Ligands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11250-11255.	7.2	9
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