Dongmei Cui

List of Publications by Citations

173 papers	6,226 citations	48 h-index	71 g-index
179 ext. papers	6,948 ext. citations	5.8 avg, IF	6.12 L-index

#	Paper	IF	Citations
173	Achiral Lanthanide Alkyl Complexes Bearing N,O Multidentate Ligands. Synthesis and Catalysis of Highly Heteroselective Ring-Opening Polymerization of rac-Lactide. *Organometallics*, **2007**, 26, 2747-2757	3.8	258
172	Highly cis-1,4 selective polymerization of dienes with homogeneous Ziegler-Natta catalysts based on NCN-pincer rare earth metal dichloride precursors. *Journal of the American Chemical Society*, **2008**, 130, 4984-91	16.4	206
171	Highly 3,4-Selective Living Polymerization of Isoprene with Rare Earth Metal Fluorenyl N-Heterocyclic Carbene Precursors. *Macromolecules*, **2008**, 41, 1983-1988	5.5	162
170	Polymerization ofrac-Lactide Using Schiff Base Aluminum Catalysts:Structure, Activity, and Stereoselectivity. *Macromolecules*, **2007**, 40, 1904-1913	5.5	158
169	Alternating Copolymerization of Cyclohexene Oxide and Carbon Dioxide Catalyzed by Organo Rare Earth Metal Complexes. *Macromolecules*, **2005**, 38, 4089-4095	5.5	138
168	An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. *Scientific Reports*, **2014**, 4, 5471	4.9	129
167	Lanthanide-imido complexes and their reactions with benzonitrile. *Angewandte Chemie - International Edition*, **2005**, 44, 959-62	16.4	122
166	Synthesis of the First Rare Earth Metal Bis(alkyl)s Bearing an Indenyl Functionalized N-Heterocyclic Carbene. *Organometallics*, **2007**, 26, 3167-3172	3.8	120
165	Diketiminato Rare-Earth Metal Complexes. Structures, Catalysis, and Active Species for Highly cis-1,4-Selective Polymerization of Isoprene. *Organometallics*, **2010**, 29, 2186-2193	3.8	116
164	Highly Cis-1,4-Selective Living Polymerization of 1,3-Conjugated Dienes and Copolymerization with Caprolactone by Bis(phosphino)carbazolide Rare-Earth-Metal Complexes. *Organometallics*, **2011**, 30, 760-767	3.8	114
163	Tetranuclear rare earth metal polyhydrido complexes composed of "(C5Me4SiMe3)LnH2" Units. Unique reactivities toward unsaturated C-C, C-N, and C-O bonds. *Journal of the American Chemical Society*, **2004**, 126, 1312-3	16.4	112
162	Highly isoselective coordination polymerization of ortho-methoxystyrene with diketiminato rare-earth-metal precursors. *Angewandte Chemie - International Edition*, **2015**, 54, 5205-9	16.4	107
161	Polymerization of 1,3-Conjugated Dienes with Rare-Earth Metal Precursors. *Structure and Bonding*, **2010**, 49-108	0.9	107
160	Living catalyzed-chain-growth polymerization and block copolymerization of isoprene by rare-earth metal allyl precursors bearing a constrained-geometry-conformation ligand. *Chemical Communications*, **2010**, 46, 3022-4	5.8	96
159	Pyrrolide-Supported Lanthanide Alkyl Complexes. Influence of Ligands on Molecular Structure and Catalytic Activity toward Isoprene Polymerization. *Organometallics*, **2007**, 26, 4575-4584	3.8	94
158	Isoselective ring-opening polymerization of rac-lactide initiated by achiral heteroscorpionate zwitterionic zinc complexes. *Chemical Communications*, **2014**, 50, 11411-4	5.8	92
157	Ligands Dominate Highly Syndioselective Polymerization of Styrene by Using Constrained-geometry-configuration Rare-earth Metal Precursors. *Macromolecules*, **2012**, 45, 1248-1253	5.5	84

156	CCC-Pincer Bis(carbene) Lanthanide Dibromides. Catalysis on Highly cis-1,4-Selective Polymerization of Isoprene and Active Species. *Organometallics*, **2010**, 29, 2987-2993	3.8	84
155	Magnesium and Zinc Complexes Supported by N,O-Bidentate Pyridyl Functionalized Alkoxy Ligands: Synthesis and Immortal ROP of □CL and l-LA. *Organometallics*, **2012**, 31, 4182-4190	3.8	83
154	Highly 3,4-Selective Polymerization of Isoprene with NPN Ligand Stabilized Rare-Earth Metal Bis(alkyl)s. Structures and Performances. *Organometallics*, **2009**, 28, 4814-4822	3.8	81
153	Facile Synthesis of Hydroxyl-Ended, Highly Stereoregular, Star-Shaped Poly(lactide) from Immortal ROP of rac-Lactide and Kinetics Study. *Macromolecules*, **2010**, 43, 6678-6684	5.5	80
152	New Rare Earth Metal Bis(alkyl)s Bearing an Iminophosphonamido Ligand. Synthesis and Catalysis toward Highly 3,4-Selective Polymerization of Isoprene. *Organometallics*, **2008**, 27, 718-725	3.8	79
151	Stereoselective Copolymerization of Unprotected Polar and Nonpolar Styrenes by an Yttrium Precursor: Control of Polar-Group Distribution and Mechanism. *Angewandte Chemie - International Edition*, **2017**, 56, 2714-2719	16.4	77
150	Bis(imino)aryl NCN Pincer Aluminum and Zinc Complexes: Synthesis, Characterization, and Catalysis on l-Lactide Polymerization. *Organometallics*, **2010**, 29, 5783-5790	3.8	72
149	Yttrium bis(alkyl) and bis(amido) complexes bearing N,O multidentate ligands. Synthesis and catalytic activity towards ring-opening polymerization of L-lactide. *Journal of Polymer Science Part A* , **2007**, 45, 5662-5672	2.5	71
148	Phosphinimino-amino Magnesium Complexes: Synthesis and Catalysis of Heteroselective ROP of rac-Lactide. *Organometallics*, **2014**, 33, 722-730	3.8	70
147	Syndioselective coordination polymerization of unmasked polar methoxystyrenes using a pyridenylmethylene fluorenyl yttrium precursor. *Chemical Communications*, **2015**, 51, 4685-8	5.8	69
146	A lutetium allyl complex that bears a pyridyl-functionalized cyclopentadienyl ligand: dual catalysis on highly syndiospecific and cis-1,4-selective (co)polymerizations of styrene and butadiene. *Chemistry - A European Journal*, **2010**, 16, 14007-15	4.8	69
145	Rare-Earth-Metal Complexes Bearing Phosphazene Ancillary Ligands: Structures and Catalysis toward Highly Trans-1,4-Selective (Co)Polymerizations of Conjugated Dienes. *Organometallics*, **2013**, 32, 1166-1175	3.8	68
144	Ligand-Free Magnesium Catalyst System: Immortal Polymerization of l-Lactide with High Catalyst Efficiency and Structure of Active Intermediates. *Macromolecules*, **2012**, 45, 6957-6965	5.5	68
143	Protic compound mediated living cross-chain-transfer polymerization of rac-lactide: synthesis of isotactic (crystalline)-heterotactic (amorphous) stereomultiblock polylactide. *Chemical Communications*, **2012**,	5.8	65
142	Reduction-sensitive core-cross-linked mPEG□poly(ester-carbonate) micelles for glutathione-triggered intracellular drug release. *Polymer Chemistry*, **2012**, 3, 2403	4.9	63
141	Isoprene polymerization with aminopyridinato ligand supported rare-earth metal complexes. Switching of the regio- and stereoselectivity. *Chemical Communications*, **2010**, 46, 6150-2	5.8	62
140	Alternating copolymerization of cyclohexene oxide and carbon dioxide catalyzed by noncyclopentadienyl rare-earth metal bis(alkyl) complexes. *Journal of Polymer Science Part A*, **2008**, 46, 6810-6818	2.5	62
139	Development of Group 3 Catalysts for Alternating Copolymerization of Ethylene and Styrene Derivatives. *ACS Catalysis*, **2018**, 8, 6086-6093	13.1	62

138	Isoselective 3,4-(co)polymerization of bio-renewable myrcene using NSN-ligated rare-earth metal precursor: an approach to a new elastomer. *Chemical Communications*, **2015**, 51, 1039-41	5.8	60
137	Rare-earth-metal-hydrocarbyl complexes bearing linked cyclopentadienyl or fluorenyl ligands: synthesis, catalyzed styrene polymerization, and structure-reactivity relationship. *Chemistry - A European Journal*, **2012**, 18, 2674-84	4.8	60
136	Binuclear Rare-Earth-Metal Alkyl Complexes Ligated by Phenylene-Bridged □Diketiminate Ligands: Synthesis, Characterization, and Catalysis toward Isoprene Polymerization. *Organometallics*, **2013**, 32, 3203-3209	3.8	58
135	Statistically Syndioselective Coordination (Co)polymerization of 4-Methylthiostyrene. *Macromolecules*, **2016**, 49, 781-787	5.5	57
134	Copolymerization of □Caprolactone and l-Lactide Catalyzed by Multinuclear Aluminum Complexes: An Immortal Approach. *Organometallics*, **2014**, 33, 6474-6480	3.8	57
133	Isoprene polymerization with indolide-imine supported rare-earth metal alkyl and amidinate complexes. *Journal of Polymer Science Part A*, **2008**, 46, 5251-5262	2.5	57
132	3,4-Polymerization of Isoprene by Using NSN- and NPN-Ligated Rare Earth Metal Precursors: Switching of Stereo Selectivity and Mechanism. *Macromolecules*, **2014**, 47, 4971-4978	5.5	56
131	Thiophene-NPN Ligand Supported Rare-Earth Metal Bis(alkyl) Complexes. Synthesis and Catalysis toward Highly trans-1,4 Selective Polymerization of Butadiene. *Organometallics*, **2008**, 27, 6531-6538	3.8	56
130	Heteroscorpionate rare-earth metal zwitterionic complexes: syntheses, characterization, and heteroselective catalysis on the ring-opening polymerization of rac-lactide. *Chemistry - A European Journal*, **2011**, 17, 11520-6	4.8	53
129	A New Strategy To Access Polymers with Aggregation-Induced Emission Characteristics. *Macromolecules*, **2014**, 47, 5586-5594	5.5	51
128	Highly trans-1,4 selective (co-)polymerization of butadiene and isoprene with quinolyl anilido rare earth metal bis(alkyl) precursors. *Dalton Transactions*, **2011**, 40, 7755-61	4.3	50
127	Tridentate CCC-Pincer Bis(carbene)-Ligated Rare-Earth Metal Dibromides. Synthesis and Characterization. *Organometallics*, **2008**, 27, 5438-5440	3.8	50
126	NNN-Tridentate Pyrrolyl Rare-Earth Metal Complexes: Structure and Catalysis on Specific Selective Living Polymerization of Isoprene. *Organometallics*, **2012**, 31, 6014-6021	3.8	49
125	Nature of the Entire Range of Rare Earth Metal-Based Cationic Catalysts for Highly Active and Syndioselective Styrene Polymerization. *ACS Catalysis*, **2016**, 6, 176-185	13.1	48
124	Efficient and Heteroselective Heteroscorpionate Rare-Earth-Metal Zwitterionic Initiators for ROP of rac-Lactide: Role of □Ligand. *Macromolecules*, **2014**, 47, 2233-2241	5.5	48
123	Precisely Controlled Polymerization of Styrene and Conjugated Dienes by Group 3 Single-Site Catalysts. *ChemCatChem*, **2018**, 10, 42-61	5.2	47
122	Facile Preparation of a Scandium Terminal Imido Complex Supported by a Phosphazene Ligand. *Organometallics*, **2013**, 32, 5523-5529	3.8	47
121	Mechanism and Effect of Polar Styrenes on Scandium-Catalyzed Copolymerization with Ethylene. *Angewandte Chemie - International Edition*, **2018**, 57, 14896-14901	16.4	46

120	Highly cis-1,4-selective coordination polymerization of polar 2-(4-methoxyphenyl)-1,3-butadiene and copolymerization with isoprene using a diketiminato yttrium bis(alkyl) complex. *Polymer Chemistry*, **2016**, 7, 1264-1270	4.9	44
119	Copolymerization of ethylene with norbornene catalyzed by cationic rare earth metal fluorenyl functionalized N-heterocyclic carbene complexes. *Dalton Transactions*, **2009**, 8963-9	4.3	44
118	Synthesis and Characterization of Heteroscorpionate Rare-Earth Metal Dialkyl Complexes and Catalysis on MMA Polymerization. *European Journal of Inorganic Chemistry*, **2010**, 2010, 2861-2866	2.3	44
117	Highly 3,4-Selective Living Polymerization of Isoprene and Copolymerization with Caprolactone by an Amidino N-Heterocyclic Carbene Ligated Lutetium Bis(alkyl) Complex. *Organometallics*, **2014**, 33, 684-691	3.8	43
116	Highly Regio- and Stereoselective Terpolymerization of Styrene, Isoprene and Butadiene with Lutetium-Based Coordination Catalyst. *Macromolecules*, **2011**, 44, 7675-7681	5.5	43
115	Highly Isoselective Coordination Polymerization of ortho-Methoxystyrene with Diketiminato Rare-Earth-Metal Precursors. *Angewandte Chemie*, **2015**, 127, 5294-5298	3.6	42
114	Aluminum Schiff base catalysts derived from diketone for the stereoselective polymerization of racemic lactides. *Journal of Polymer Science Part A*, **2005**, 43, 6605-6612	2.5	40
113	Regioselective Chain Shuttling Polymerization of Isoprene: An Approach To Access New Materials from Single Monomer. *Macromolecules*, **2016**, 49, 6226-6231	5.5	39
112	Stereoselective Polymerization of Styrene with Cationic Scandium Precursors Bearing Quinolyl Aniline Ligands. *Organometallics*, **2010**, 29, 1916-1923	3.8	39
111	Lanthanide Complexes Coordinated by a Dianionic Bis(amidinate) Ligand with a Rigid Naphthalene Linker. *European Journal of Inorganic Chemistry*, **2010**, 2010, 3290-3298	2.3	38
110	Rapid Syndiospecific (Co)Polymerization of Fluorostyrene with High Monomer Conversion. *Chemistry - A European Journal*, **2017**, 23, 18151-18155	4.8	37
109	Unprecedented 3,4-Isoprene andcis-1,4-Butadiene Copolymers with Controlled Sequence Distribution by Single Yttrium Cationic Species. *Macromolecules*, **2014**, 47, 8524-8530	5.5	36
108	The behavior of pyrrolyl ligands within the rare-earth metal alkyl complexes. Insertion of C=N and C=O double bonds into Ln-sigma-C bonds. *Dalton Transactions*, **2010**, 39, 3959-67	4.3	33
107	Stereo- and Temporally Controlled Coordination Polymerization Triggered by Alternating Addition of a Lewis Acid and Base. *Angewandte Chemie - International Edition*, **2016**, 55, 11975-8	16.4	32
106	Copolymerization of Ethylene with 1-Hexene and 1-Octene Catalyzed by Fluorenyl N-Heterocyclic Carbene Ligated Rare-Earth Metal Precursors. *Organometallics*, **2013**, 32, 2204-2209	3.8	32
105	Lanthanide Imido Complexes and Their Reactions with Benzonitrile. *Angewandte Chemie*, **2005**, 117, 981-984	3.6	32
104	Stereoselective Copolymerization of Unprotected Polar and Nonpolar Styrenes by an Yttrium Precursor: Control of Polar-Group Distribution and Mechanism. *Angewandte Chemie*, **2017**, 129, 2758-2763	3.6	31
103	Facile synthesis of pendant- and chain-end-functionalized polycarbonates via immortal polymerization by using a salan lutetium alkyl precursor. *Chemical Communications*, **2012**, 48, 4588-90	5.8	31

102	Stereo-selectivity switchable ROP of rac-β-butyrolactone initiated by salan-ligated rare-earth metal amide complexes: the key role of the substituents on ligand frameworks. *Chemical Communications*, **2018**, 54, 11998-12001	5.8	31
101	Highly Cis-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. *Macromolecules*, **2016**, 49, 1242-1251	5.5	30
100	Sequence and Regularity Controlled Coordination Copolymerization of Butadiene and Styrene: Strategy and Mechanism. *Macromolecules*, **2017**, 50, 849-856	5.5	29
99	Synthesis and AIE properties of PEG-PLA-PMPC based triblock amphiphilic biodegradable polymers. *Polymer Chemistry*, **2016**, 7, 1121-1128	4.9	29
98	Dialkyl Rare Earth Complexes Supported by Potentially Tridentate Amidinate Ligands: Synthesis, Structures, and Catalytic Activity in Isoprene Polymerization. *European Journal of Inorganic Chemistry*, **2012**, 2012, 2289-2297	2.3	29
97	Self-Activated Coordination Polymerization of Alkoxystyrenes by a Yttrium Precursor: Stereocontrol and Mechanism. *ACS Catalysis*, **2019**, 9, 2618-2625	13.1	28
96	Synthesis of isotactic-heterotactic stereoblock (hard-soft) poly(lactide) with tacticity control through immortal coordination polymerization. *Chemistry - an Asian Journal*, **2012**, 7, 2403-10	4.5	28
95	Scandium alkyl complex with phosphinimino-amine ligand: synthesis, structure and catalysis on ethylene polymerization. *Dalton Transactions*, **2011**, 40, 2151-3	4.3	28
94	Isoprene Polymerization with Iminophosphonamide Rare-Earth-Metal Alkyl Complexes: Influence of Metal Size on the Regio- and Stereoselectivity. *Organometallics*, **2015**, 34, 4063-4068	3.8	27
93	Lutetium-methanediide-alkyl complexes: synthesis and chemistry. *Chemistry - A European Journal*, **2014**, 20, 15493-8	4.8	27
92	Synthesis and Stereospecific Polymerization of a Novel Bulky Styrene Derivative. *Macromolecules*, **2016**, 49, 2502-2510	5.5	26
91	cis-1,4-Selective Copolymerization of Ethylene and Butadiene: A Compromise between Two Mechanisms. *Angewandte Chemie - International Edition*, **2017**, 56, 6975-6979	16.4	24
90	Phosphinimino-amino supported complex: Synthesis, polymerization of ethylene and dearomatisation of pyridine. *Journal of Organometallic Chemistry*, **2015**, 798, 335-340	2.3	23
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. *Polymer Chemistry*, **2014**, 5, 4580-4588	4.9	22
88	Synthesis of Heterocyclic-Fused Cyclopentadienyl Scandium Complexes and the Catalysis for Copolymerization of Ethylene and Dicyclopentadiene. *Organometallics*, **2015**, 34, 455-461	3.8	21
87	Synthesis and Characterization of Crystalline Styrene-b-(Ethylene-co-Butylene)-b-Styrene Triblock Copolymers. *Journal of Polymer Science Part A*, **2017**, 55, 1243-1249	2.5	20
86	Highly 2,3-Selective Polymerization of Phenylallene and Its Derivatives with Rare-Earth Metal Catalysts: From Amorphous to Crystalline Products. *Angewandte Chemie - International Edition*, **2017**, 56, 14653-14657	16.4	20
85	Highly cis-1,4 Selective Living Polymerization of Unmasked Polar 2-(2-Methylidenebut-3-enyl)Furan and Diels-Alder Addition. *Macromolecular Rapid Communications*, **2017**, 38, 1700227	4.8	20

84	Ring-opening polymerization and block copolymerization of L-lactide with divalent samarocene complex. *Journal of Polymer Science Part A*, **2003**, 41, 2667-2675	2.5	20
83	Polar-Group Activated Isospecific Coordination Polymerization of ortho-Methoxystyrene: Effects of Central Metals and Ligands. *Chemistry - A European Journal*, **2019**, 25, 2043-2050	4.8	20
82	Mononuclear Heteroscorpionate Zwitterionic Zinc Terminal Hydride: Synthesis, Reactivity, and Catalysis for Hydrosilylation of Aldehydes. *Organometallics*, **2015**, 34, 3944-3949	3.8	19
81	Coordination Polymerization of Renewable 3-Methylenecyclopentene with Rare-Earth-Metal Precursors. *Angewandte Chemie - International Edition*, **2017**, 56, 4560-4564	16.4	18
80	Perfectly isoselective polymerization of 2-vinylpyridine promoted by β-diketiminato rare-earth metal cationic complexes. *Dalton Transactions*, **2018**, 47, 14985-14991	4.3	17
79	Mechanism and Effect of Polar Styrenes on Scandium-Catalyzed Copolymerization with Ethylene. *Angewandte Chemie*, **2018**, 130, 15112-15117	3.6	17
78	Sequence-controlled ethylene/styrene copolymerization catalyzed by scandium complexes. *Polymer Chemistry*, **2019**, 10, 235-243	4.9	16
77	Structure and properties of multi-walled carbon nanotubes/polyethylene nanocomposites synthesized by in situ polymerization with supported Cp2ZrCl2 catalyst. *Polymer Composites*, **2010**, 31, 507-515	3	16
76	Highly Syndioselective Coordination (Co)Polymerization of ortho-Fluorostyrene. *Macromolecules*, **2019**, 52, 9555-9560	5.5	16
75	DFT Studies on the Polymerization of Functionalized Styrenes Catalyzed by Rare-Earth-Metal Complexes: Factors Affecting C–H Activation Relevant to Step-Growth Polymerization. *Organometallics*, **2018**, 37, 3210-3218	3.8	16
74	Rare-earth metal alkyl complexes bearing an alkoxy N-heterocyclic carbene ligand: synthesis, characterization, catalysis for isoprene polymerization. *New Journal of Chemistry*, **2015**, 39, 7682-7687	3.6	15
73	Neutral binuclear rare-earth metal complexes with four μ-bridging hydrides. *Chemical Communications*, **2015**, 51, 5063-5	5.8	15
72	Highly syndioselective coordination (co)polymerization of isopropenylstyrene. *Polymer Chemistry*, **2018**, 9, 4476-4482	4.9	14
71	Access to Hydroxy-Functionalized Polypropylene through Coordination Polymerization. *Angewandte Chemie - International Edition*, **2020**, 59, 4947-4952	16.4	14
70	Synthesis and Characterization of Dinuclear Salan Rare-Earth Metal Complexes and Their Application in the Homo- and Copolymerization of Cyclic Esters. *Inorganic Chemistry*, **2018**, 57, 9028-9038	5.1	13
69	Step-Growth Coordination Polymerization of 5-Hydroxymethyl Furfural with Dihydrosilanes: Synergistic Catalysis Using Heteroscopionate Zinc Hydride and B(C F). *Angewandte Chemie - International Edition*, **2019**, 58, 11434-11438	16.4	12
68	Self-assisted stereospecific polymerization of unmasked polar 4-methylthio-1-butene. *Science China Chemistry*, **2019**, 62, 761-766	7.9	12
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66	1,2-Hydroboration of Pyridines by Organomagnesium. *Organic Letters*, **2020**, 22, 4960-4965	6.2	12
65	A convenient method to prepare random LA/CL copolymers from poly(L-lactide) and ε-caprolactone. *Science China Chemistry*, **2018**, 61, 708-714	7.9	12
64	Synthesis and Characterization of Polypropylene-Based Polyurethanes. *Macromolecules*, **2020**, 53, 3349-3357	5.5	11
63	Rich C–H bond activations of yttrium alkyl complexes bearing phosphinimino-amine ligands. *Journal of Organometallic Chemistry*, **2010**, 695, 2781-2788	2.3	11
62	Styrene polymerization catalyzed by metal porphyrin complex/MAO for in situ synthesizing polystyrene containing air stable cation radicals. *Journal of Polymer Science Part A*, **2008**, 46, 1240-1248	2.5	11
61	Isobutene (co)polymerization initiated by rare-earth metal cationic catalysts. *Polymer*, **2020**, 187, 122105	3.9	11
60	Soluble poly(4-fluorostyrene): a high-performance dielectric electret for organic transistors and memories. *Materials Horizons*, **2020**, 7, 1861-1871	14.4	11
59	Copolymerization of Lactide and Cyclic Carbonate via Highly Stereoselective Catalysts To Modulate Copolymer Sequences. *Macromolecules*, **2018**, 51, 930-937	5.5	10
58	Stereo- and Temporally Controlled Coordination Polymerization Triggered by Alternating Addition of a Lewis Acid and Base. *Angewandte Chemie*, **2016**, 128, 12154-12157	3.6	10
57	Extremely High Glass Transition Temperature Hydrocarbon Polymers Prepared through Cationic Cyclization of Highly 3,4-Regulated Poly(Phenyl-1,3-Butadiene). *Macromolecular Rapid Communications*, **2018**, 39, e1800298	4.8	10
56	Zinc-Catalyzed Hydrosilylation Copolymerization of Aromatic Dialdehydes with Diphenylsilane. *Macromolecular Rapid Communications*, **2017**, 38, 1700590	4.8	9
55	Highly 3,4-selective living polymerization of 2-phenyl-1,3-butadiene with amidino N-heterocyclic carbene ligated rare-earth metal bis(alkyl) complexes. *RSC Advances*, **2015**, 5, 93507-93512	3.7	9
54	Insights into the Formation Process of Yttrium–Aluminum Bimetallic Alkyl Complexes Supported by a Bulky Phosphazene Ligand. *Organometallics*, **2018**, 37, 971-978	3.8	9
53	cis-1,4 Selective Copolymerization of Butadiene and Functionalized α-Olefins via Polar Group Activation Mechanism. *Macromolecules*, **2020**, 53, 6380-6386	5.5	9
52	Copolymerization of ethylene with styrene catalyzed by a scandium catalyst. *Polymer Chemistry*, **2018**, 9, 4757-4763	4.9	9
51	Highly selective cis-1,4 copolymerization of dienes with polar 2-(3-methylidenepent-4-en-1-yl) pyridine: an approach for recyclable elastomers. *Polymer Chemistry*, **2020**, 11, 1646-1652	4.9	8
50	Highly stereospecific polymerization of isoprene with homogeneous binary Ziegler-Natta catalysts based on NCN-pincer neodymium precursor. *Science China Chemistry*, **2010**, 53, 1641-1645	7.9	8
49	Highly Syndioselective Coordination (Co)Polymerization of para-Chlorostyrene. *Macromolecules*, **2020**, 53, 8333-8339	5.5	8

48	Ligand-free scandium alkyl and alkoxide complexes for immortal ring-opening polymerization of lactide. *Journal of Organometallic Chemistry*, **2018**, 875, 5-10	2.3	8
47	Neutral lutetium complex/polyamine mediated immortal ring-opening polymerization of rac-lactide: facile synthesis of well-defined hydroxyl-end and amide-core stereoregular star polylactide. *Polymer Chemistry*, **2015**, 6, 7711-7716	4.9	7
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45	Sequence controlled copolymerization of lactide and a functional cyclic carbonate using stereoselective aluminum catalysts. *Polymer Chemistry*, **2019**, 10, 4042-4048	4.9	7
44	Polymerization of 2,2?-dimethyltrimethylene carbonate by lutetium complexes bearing amino-phosphine ligands. *Journal of Applied Polymer Science*, **2009**, 112, 3110-3118	2.9	7
43	Copolymerization of ethylene and halogenated styrenes using scandium catalysts. *Polymer*, **2020**, 209, 123057	3.9	7
42	Highly Syndiotactic Coordination (Co)polymerization of para-Methylselenostyrene. *Macromolecules*, **2021**, 54, 1754-1759	5.5	7
41	Chemo- and stereoselective polymerization of 3-methylenehepta-1,6-Diene and Its thiol-ene modification. *Journal of Polymer Science Part A*, **2017**, 55, 1031-1039	2.5	6
40	Renewable Benzofuran Polymerization Initiated by Lewis Acid Al(C6F5)3 and Mechanism. *Macromolecules*, **2017**, 50, 8449-8455	5.5	6
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37	Ring-Opening Polymerization of -Lactide Using Polymeric Alcohol as Initiator to Prepare Graft Copolymer. *Polymers*, **2016**, 8,	4.5	6
36	Syndioselective Polymerization of Vinylnaphthalene. *Macromolecular Rapid Communications*, **2019**, 40, e1900061	4.8	5
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16	Stereoselective polymerization of rac-lactide catalyzed by zwitterionic calcium complexes. *Polymer Chemistry*, **2021**, 12, 1518-1525	4.9	3
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13	Molecular Thorium Trihydrido Clusters Stabilized by Cyclopentadienyl Ligands. *Angewandte Chemie*, **2020**, 132, 11346-11351	3.6	1

List of Publications

12	Isospecific (co)Polymerization of Unmasked Polar Styrenes by Neutral Rare-earth Metal Catalysts.. *Angewandte Chemie - International Edition*, **2021**,	16.4	1
11	Catalytic hydroboration of carbonyl derivatives by using phosphinimino amide ligated magnesium complexes. *Dalton Transactions*, **2021**, 50, 13037-13041	4.3	1
10	Effect of Methoxy Side Groups on the Crystal Structures of a Series of Syndiotactic Polymethoxystyrenes as Studied by the X-ray Diffraction Data Analysis. *Macromolecules*, **2021**, 54, 1881-1893	5.5	1
9	Ethylene-Triggered Regioselectivity Switch of Dimethylbutadiene in Their Copolymerization: Formation of Plastic Rubber and Mechanism. *ACS Catalysis*, **2022**, 12, 953-962	13.1	1
8	High-Performance Elastomer from Trans-1,4 Copolymerization of Ethylene and Butadiene. *Macromolecules*, **2021**, 54, 9445-9451	5.5	0
7	Chain Transfer to Toluene in Styrene Coordination Polymerization. *Angewandte Chemie*, **2020**, 132, 4354-4358	3.6	0
6	Synthesis of Poly(Ethyl vinyl ether) with high molecular weight by rare-earth metal cationic catalysts. *Polymer*, **2021**, 226, 123790	3.9	0
5	Direct Synthesis of Functional Thermoplastic Elastomer with Excellent Mechanical Properties by Scandium-Catalyzed Copolymerization of Ethylene and Fluorostyrenes. *Angewandte Chemie*,	3.6	0
4	The yttrium-catalyzed heteroatom-assisted terpolymerization of ortho-alkoxystyrene, isoprene and butadiene with high regio- and stereoselectivity. *Polymer Chemistry*, **2021**, 12, 4576-4582	4.9	0
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1	Isospecific Polymerization of Halide- and Amino-Substituted Styrenes Using a Bis(phenolate) Titanium Catalyst. *Catalysts*, **2022**, 12, 439	4	