

Dongmei Cui

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1615733/dongmei-cui-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Ethylene-Triggered Regioselectivity Switch of Dimethylbutadiene in Their Copolymerization: Formation of Plastic Rubber and Mechanism. <i>ACS Catalysis</i> , 2022 , 12, 953-962	13.1	1
172	Isospecific Polymerization of Halide- and Amino-Substituted Styrenes Using a Bis(phenolate) Titanium Catalyst. <i>Catalysts</i> , 2022 , 12, 439	4	
171	Isospecific (co)Polymerization of Unmasked Polar Styrenes by Neutral Rare-earth Metal Catalysts.. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	1
170	High-Performance Elastomer from Trans-1,4 Copolymerization of Ethylene and Butadiene. <i>Macromolecules</i> , 2021 , 54, 9445-9451	5.5	0
169	Synthesis of Long-Subchain Hyperbranched Polypropylene Using Thermally Degraded Products as Precursor. <i>Macromolecules</i> , 2021 , 54, 5567-5576	5.5	2
168	Synthesis of Poly(Ethyl vinyl ether) with high molecular weight by rare-earth metal cationic catalysts. <i>Polymer</i> , 2021 , 226, 123790	3.9	0
167	Catalytic hydroboration of carbonyl derivatives by using phosphinimino amide ligated magnesium complexes. <i>Dalton Transactions</i> , 2021 , 50, 13037-13041	4.3	1
166	Effect of Methoxy Side Groups on the Crystal Structures of a Series of Syndiotactic Polymethoxystyrenes as Studied by the X-ray Diffraction Data Analysis. <i>Macromolecules</i> , 2021 , 54, 1881-1893	5.5	1
165	Highly Syndiotactic Coordination (Co)polymerization of para-Methylselenostyrene. <i>Macromolecules</i> , 2021 , 54, 1754-1759	5.5	7
164	Chemo- and Stereoselective Polymerization of Polar Divinyl Monomers by Rare-Earth Complexes. <i>Macromolecules</i> , 2021 , 54, 3181-3190	5.5	4
163	Isospecific alternating copolymerization of unprotected polar styrenes and ethylene by the C symmetric scandium precursor via synergistic effects of two substituent groups. <i>Giant</i> , 2021 , 7, 100061	5.6	5
162	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	16.4	3
161	Stereoselective polymerization of rac-lactide catalyzed by zwitterionic calcium complexes. <i>Polymer Chemistry</i> , 2021 , 12, 1518-1525	4.9	3
160	The yttrium-catalyzed heteroatom-assisted terpolymerization of ortho-alkoxystyrene, isoprene and butadiene with high regio- and stereoselectivity. <i>Polymer Chemistry</i> , 2021 , 12, 4576-4582	4.9	0
159	1,2-Hydroboration of Pyridines by Organomagnesium. <i>Organic Letters</i> , 2020 , 22, 4960-4965	6.2	12
158	Degradation Behavior of Poly(lactide-co-carbonate)s Controlled by Chain Sequences. <i>Macromolecules</i> , 2020 , 53, 5289-5296	5.5	4
157	Molecular Thorium Trihydrido Clusters Stabilized by Cyclopentadienyl Ligands. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11250-11255	16.4	6

156	Highly selective cis-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	4.9	8
155	Access to Hydroxy-Functionalized Polypropylene through Coordination Polymerization. <i>Angewandte Chemie</i> , 2020 , 132, 4977-4982	3.6	6
154	Additive-Triggered Chain Transfer to a Solvent in Coordination Polymerization. <i>Macromolecules</i> , 2020 , 53, 1205-1211	5.5	3
153	Molecular Thorium Trihydrido Clusters Stabilized by Cyclopentadienyl Ligands. <i>Angewandte Chemie</i> , 2020 , 132, 11346-11351	3.6	1
152	Syndioselective 3,4-Polymerization of 1-Phenyl-1,3-Butadiene by Rare-Earth Metal Catalysts. <i>ACS Catalysis</i> , 2020 , 10, 5223-5229	13.1	4
151	Synthesis and Characterization of Polypropylene-Based Polyurethanes. <i>Macromolecules</i> , 2020 , 53, 3349-3357	3.5	11
150	Chain Transfer to Toluene in Styrene Coordination Polymerization. <i>Angewandte Chemie</i> , 2020 , 132, 4354-4358	3.8	0
149	Chain Transfer to Toluene in Styrene Coordination Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4324-4328	16.4	5
148	Isobutene (co)polymerization initiated by rare-earth metal cationic catalysts. <i>Polymer</i> , 2020 , 187, 122105-9	3.9	11
147	Access to Hydroxy-Functionalized Polypropylene through Coordination Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4947-4952	16.4	14
146	Copolymerization of ethylene and halogenated styrenes using scandium catalysts. <i>Polymer</i> , 2020 , 209, 123057	3.9	7
145	Highly Syndioselective Coordination (Co)Polymerization of para-Chlorostyrene. <i>Macromolecules</i> , 2020 , 53, 8333-8339	5.5	8
144	Syndioselective Coordination (Co)Polymerization of Alkyne-Substituted Styrenes Using Rare-Earth Metal Catalysts. <i>Macromolecules</i> , 2020 , 53, 5895-5902	5.5	4
143	Highly syndioselective coordination (co)polymerization of vinyl heteroaromatic monomers using rare-earth-metal complexes. <i>Polymer Chemistry</i> , 2020 , 11, 7650-7655	4.9	2
142	cis-1,4 Selective Copolymerization of Butadiene and Functionalized Olefins via Polar Group Activation Mechanism. <i>Macromolecules</i> , 2020 , 53, 6380-6386	5.5	9
141	Syndio-and cis-1,4 dually selective copolymerization of polar fluorostyrene and butadiene using rare-earth metal catalysts. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3961-3968	6.8	3
140	Soluble poly(4-fluorostyrene): a high-performance dielectric electret for organic transistors and memories. <i>Materials Horizons</i> , 2020 , 7, 1861-1871	14.4	11
139	Stereoselective Polymerization of an Aromatic Vinyl Monomer to Access Highly Syndiotactic Poly(vinyl alcohol). <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000038	4.8	3

138	Sequence-controlled ethylene/styrene copolymerization catalyzed by scandium complexes. <i>Polymer Chemistry</i> , 2019 , 10, 235-243	4.9	16
137	Effect of the tactic structure on the chiroptical properties of helical vinylbiphenyl polymers. <i>Polymer Chemistry</i> , 2019 , 10, 3887-3894	4.9	4
136	Step-Growth Coordination Polymerization of 5-Hydroxymethyl Furfural with Dihydrosilanes: Synergistic Catalysis Using Heteroscorpionate Zinc Hydride and B(C ₆ F ₅) ₃ . <i>Angewandte Chemie</i> , 2019 , 131, 11556	3.6	
135	Step-Growth Coordination Polymerization of 5-Hydroxymethyl Furfural with Dihydrosilanes: Synergistic Catalysis Using Heteroscorpionate Zinc Hydride and B(C ₆ F ₅) ₃ . <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11434-11438	16.4	12
134	Self-assisted stereospecific polymerization of unmasked polar 4-methylthio-1-butene. <i>Science China Chemistry</i> , 2019 , 62, 761-766	7.9	12
133	Lutetium-Methanediide-Alkyl Complexes: Unique Reactivity toward Carbodiimide and Pyridine. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2277-2283	2.3	4
132	Syndioselective Polymerization of Vinylnaphthalene. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900061	4.8	5
131	Self-Activated Coordination Polymerization of Alkoxy-styrenes by a Yttrium Precursor: Stereocontrol and Mechanism. <i>ACS Catalysis</i> , 2019 , 9, 2618-2625	13.1	28
130	Sequence controlled copolymerization of lactide and a functional cyclic carbonate using stereoselective aluminum catalysts. <i>Polymer Chemistry</i> , 2019 , 10, 4042-4048	4.9	7
129	Highly Syndioselective Coordination (Co) Polymerization of ortho-Fluorostyrene. <i>Macromolecules</i> , 2019 , 52, 9555-9560	5.5	16
128	Cp ₂ ZrHCl induced catalytic chain scission of diene-based polymers under mild conditions: Influence of chemical environment around C=C bonds. <i>Polymer</i> , 2019 , 161, 181-189	3.9	5
127	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	4.8	20
126	Copolymerization of Lactide and Cyclic Carbonate via Highly Stereoselective Catalysts To Modulate Copolymer Sequences. <i>Macromolecules</i> , 2018 , 51, 930-937	5.5	10
125	Lamellar Thickness Dependence of Crystal Modification Selection in the Syndiotactic Polystyrene Eto-A Phase Transition Process. <i>Macromolecules</i> , 2018 , 51, 497-503	5.5	7
124	Insights into the Formation Process of Yttrium-Aluminum Bimetallic Alkyl Complexes Supported by a Bulky Phosphazene Ligand. <i>Organometallics</i> , 2018 , 37, 971-978	3.8	9
123	Precisely Controlled Polymerization of Styrene and Conjugated Dienes by Group 3 Single-Site Catalysts. <i>ChemCatChem</i> , 2018 , 10, 42-61	5.2	47
122	Alkaline earth metal complexes stabilized by amidine and guanidine ligands: synthesis, structure and their catalytic activity towards polymerization of rac-lactide. <i>Dalton Transactions</i> , 2018 , 47, 12623-12632	4.3	5
121	Highly syndioselective coordination (co)polymerization of isopropenylstyrene. <i>Polymer Chemistry</i> , 2018 , 9, 4476-4482	4.9	14

120	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	4.8	10
119	Synthesis and Characterization of Dinuclear Salan Rare-Earth Metal Complexes and Their Application in the Homo- and Copolymerization of Cyclic Esters. <i>Inorganic Chemistry</i> , 2018 , 57, 9028-9038	5.1	13
118	A convenient method to prepare random LA/CL copolymers from poly(L-lactide) and ϵ -caprolactone. <i>Science China Chemistry</i> , 2018 , 61, 708-714	7.9	12
117	Perfectly isoselective polymerization of 2-vinylpyridine promoted by β -diketiminato rare-earth metal cationic complexes. <i>Dalton Transactions</i> , 2018 , 47, 14985-14991	4.3	17
116	Mechanism and Effect of Polar Styrenes on Scandium-Catalyzed Copolymerization with Ethylene. <i>Angewandte Chemie</i> , 2018 , 130, 15112-15117	3.6	17
115	DFT Studies on the Polymerization of Functionalized Styrenes Catalyzed by Rare-Earth-Metal Complexes: Factors Affecting C ₃ H ₆ Activation Relevant to Step-Growth Polymerization. <i>Organometallics</i> , 2018 , 37, 3210-3218	3.8	16
114	Ligand-free scandium alkyl and alkoxide complexes for immortal ring-opening polymerization of lactide. <i>Journal of Organometallic Chemistry</i> , 2018 , 875, 5-10	2.3	8
113	Mechanism and Effect of Polar Styrenes on Scandium-Catalyzed Copolymerization with Ethylene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14896-14901	16.4	46
112	Stereo-selectivity switchable ROP of rac- ϵ -butyrolactone initiated by salan-ligated rare-earth metal amide complexes: the key role of the substituents on ligand frameworks. <i>Chemical Communications</i> , 2018 , 54, 11998-12001	5.8	31
111	Copolymerization of ethylene with styrene catalyzed by a scandium catalyst. <i>Polymer Chemistry</i> , 2018 , 9, 4757-4763	4.9	9
110	Development of Group 3 Catalysts for Alternating Copolymerization of Ethylene and Styrene Derivatives. <i>ACS Catalysis</i> , 2018 , 8, 6086-6093	13.1	62
109	Sequence and Regularity Controlled Coordination Copolymerization of Butadiene and Styrene: Strategy and Mechanism. <i>Macromolecules</i> , 2017 , 50, 849-856	5.5	29
108	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	16.4	77
107	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	2.6	31
106	Synthesis and Characterization of Crystalline Styrene-b-(Ethylene-co-Butylene)-b-Styrene Triblock Copolymers. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1243-1249	2.5	20
105	Chemo- and stereoselective polymerization of 3-methylenehepta-1,6-Diene and Its thiol-ene modification. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1031-1039	2.5	6
104	cis-1,4-Selective Copolymerization of Ethylene and Butadiene: A Compromise between Two Mechanisms. <i>Angewandte Chemie</i> , 2017 , 129, 7079-7083	3.6	4
103	cis-1,4-Selective Copolymerization of Ethylene and Butadiene: A Compromise between Two Mechanisms. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6975-6979	16.4	24

102	Coordination Polymerization of Renewable 3-Methylenecyclopentene with Rare-Earth-Metal Precursors. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4560-4564	16.4	18
101	Renewable Benzofuran Polymerization Initiated by Lewis Acid Al(C ₆ F ₅) ₃ and Mechanism. <i>Macromolecules</i> , 2017 , 50, 8449-8455	5.5	6
100	Highly 2,3-Selective Polymerization of Phenylallene and Its Derivatives with Rare-Earth Metal Catalysts: From Amorphous to Crystalline Products. <i>Angewandte Chemie</i> , 2017 , 129, 14845-14849	3.6	4
99	Zinc-Catalyzed Hydrosilylation Copolymerization of Aromatic Dialdehydes with Diphenylsilane. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700590	4.8	9
98	Regioselective Ring Opening Reactions of Pyridine N-Oxide Analogues by Magnesium Hydride Complexes. <i>Organometallics</i> , 2017 , 36, 3597-3604	3.8	4
97	Highly 2,3-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	16.4	20
96	Highly cis-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	4.8	20
95	Coordination Polymerization of Renewable 3-Methylenecyclopentene with Rare-Earth-Metal Precursors. <i>Angewandte Chemie</i> , 2017 , 129, 4631-4635	3.6	5
94	Rapid Syndiospecific (Co)Polymerization of Fluorostyrene with High Monomer Conversion. <i>Chemistry - A European Journal</i> , 2017 , 23, 18151-18155	4.8	37
93	Stereo- and Temporally Controlled Coordination Polymerization Triggered by Alternating Addition of a Lewis Acid and Base. <i>Angewandte Chemie</i> , 2016 , 128, 12154-12157	3.6	10
92	Regioselective Chain Shuttling Polymerization of Isoprene: An Approach To Access New Materials from Single Monomer. <i>Macromolecules</i> , 2016 , 49, 6226-6231	5.5	39
91	Stereo- and Temporally Controlled Coordination Polymerization Triggered by Alternating Addition of a Lewis Acid and Base. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11975-8	16.4	32
90	Statistically Syndioselective Coordination (Co)polymerization of 4-Methylthiostyrene. <i>Macromolecules</i> , 2016 , 49, 781-787	5.5	57
89	Highly Cis-1,4-Selective Living Polymerization of 3-Methylenehepta-1,6-diene and Its Subsequent ThiolEne Reaction: An Efficient Approach to Functionalized Diene-Based Elastomer. <i>Macromolecules</i> , 2016 , 49, 1242-1251	5.5	30
88	Highly cis-1,4-selective coordination polymerization of polar 2-(4-methoxyphenyl)-1,3-butadiene and copolymerization with isoprene using a β -diketiminato yttrium bis(alkyl) complex. <i>Polymer Chemistry</i> , 2016 , 7, 1264-1270	4.9	44
87	Synthesis and AIE properties of PEG-PLA-PMPC based triblock amphiphilic biodegradable polymers. <i>Polymer Chemistry</i> , 2016 , 7, 1121-1128	4.9	29
86	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	13.1	48
85	Ring-Opening Polymerization of ϵ -Lactide Using Polymeric Alcohol as Initiator to Prepare Graft Copolymer. <i>Polymers</i> , 2016 , 8,	4.5	6

84	Synthesis and Stereospecific Polymerization of a Novel Bulky Styrene Derivative. <i>Macromolecules</i> , 2016 , 49, 2502-2510	5.5	26
83	Highly isoselective coordination polymerization of ortho-methoxystyrene with β -diketiminato rare-earth-metal precursors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5205-9	16.4	107
82	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	3.8	27
81	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	3.6	15
80	Highly Syndioselective 3,4-Trans Polymerization of (E)-1-(4-Methylphenyl)-1,3-butadiene by Fluorenyl N-Heterocyclic Carbene Ligated Lutetium Bis(alkyl) Precursor. <i>Macromolecules</i> , 2015 , 48, 1999-2005	5.5	12
79	An intensification and integration process of preparing thermal stable polylactide end-capped by phosphate ester. <i>Polymer</i> , 2015 , 80, 104-108	3.9	4
78	Highly 3,4-selective living polymerization of 2-phenyl-1,3-butadiene with amidino N-heterocyclic carbene ligated rare-earth metal bis(alkyl) complexes. <i>RSC Advances</i> , 2015 , 5, 93507-93512	3.7	9
77	Highly Isoselective Coordination Polymerization of ortho-Methoxystyrene with β -Diketiminato Rare-Earth-Metal Precursors. <i>Angewandte Chemie</i> , 2015 , 127, 5294-5298	3.6	42
76	Mononuclear Heteroscorpionate Zwitterionic Zinc Terminal Hydride: Synthesis, Reactivity, and Catalysis for Hydrosilylation of Aldehydes. <i>Organometallics</i> , 2015 , 34, 3944-3949	3.8	19
75	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. <i>Polymer Chemistry</i> , 2015 , 6, 7711-7716	4.9	7
74	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, 1039-41	5.8	60
73	Phosphinimino-amino supported complex: Synthesis, polymerization of ethylene and dearomatisation of pyridine. <i>Journal of Organometallic Chemistry</i> , 2015 , 798, 335-340	2.3	23
72	Syndioselective coordination polymerization of unmasked polar methoxystyrenes using a pyridenylmethylene fluorenyl yttrium precursor. <i>Chemical Communications</i> , 2015 , 51, 4685-8	5.8	69
71	Neutral binuclear rare-earth metal complexes with four μ -bridging hydrides. <i>Chemical Communications</i> , 2015 , 51, 5063-5	5.8	15
70	Synthesis of Heterocyclic-Fused Cyclopentadienyl Scandium Complexes and the Catalysis for Copolymerization of Ethylene and Dicyclopentadiene. <i>Organometallics</i> , 2015 , 34, 455-461	3.8	21
69	An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. <i>Scientific Reports</i> , 2014 , 4, 5471	4.9	129
68	Highly 3,4-Selective Living Polymerization of Isoprene and Copolymerization with ϵ -Caprolactone by an Amidino N-Heterocyclic Carbene Ligated Lutetium Bis(alkyl) Complex. <i>Organometallics</i> , 2014 , 33, 684-691	3.8	43
67	Phosphinimino-amino Magnesium Complexes: Synthesis and Catalysis of Heteroselective ROP of rac-Lactide. <i>Organometallics</i> , 2014 , 33, 722-730	3.8	70

66	Lutetium-methanediide-alkyl complexes: synthesis and chemistry. <i>Chemistry - A European Journal</i> , 2014 , 20, 15493-8	4.8	27
65	Isoselective ring-opening polymerization of rac-lactide initiated by achiral heteroscorpionate zwitterionic zinc complexes. <i>Chemical Communications</i> , 2014 , 50, 11411-4	5.8	92
64	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	5.5	56
63	A New Strategy To Access Polymers with Aggregation-Induced Emission Characteristics. <i>Macromolecules</i> , 2014 , 47, 5586-5594	5.5	51
62	Efficient and Heteroselective Heteroscorpionate Rare-Earth-Metal Zwitterionic Initiators for ROP of rac-Lactide: Role of Ligand. <i>Macromolecules</i> , 2014 , 47, 2233-2241	5.5	48
61	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	4.9	22
60	Unprecedented 3,4-Isoprene and cis-1,4-Butadiene Copolymers with Controlled Sequence Distribution by Single Yttrium Cationic Species. <i>Macromolecules</i> , 2014 , 47, 8524-8530	5.5	36
59	Copolymerization of ϵ -Caprolactone and L-Lactide Catalyzed by Multinuclear Aluminum Complexes: An Immortal Approach. <i>Organometallics</i> , 2014 , 33, 6474-6480	3.8	57
58	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	3.8	68
57	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	3.8	32
56	Binuclear Rare-Earth-Metal Alkyl Complexes Ligated by Phenylene-Bridged β -Diketiminato Ligands: Synthesis, Characterization, and Catalysis toward Isoprene Polymerization. <i>Organometallics</i> , 2013 , 32, 3203-3209	3.8	58
55	Facile Preparation of a Scandium Terminal Imido Complex Supported by a Phosphazene Ligand. <i>Organometallics</i> , 2013 , 32, 5523-5529	3.8	47
54	Rare-earth-metal-hydrocarbyl complexes bearing linked cyclopentadienyl or fluorenyl ligands: synthesis, catalyzed styrene polymerization, and structure-reactivity relationship. <i>Chemistry - A European Journal</i> , 2012 , 18, 2674-84	4.8	60
53	Reduction-sensitive core-cross-linked mPEG β poly(ester-carbonate) micelles for glutathione-triggered intracellular drug release. <i>Polymer Chemistry</i> , 2012 , 3, 2403	4.9	63
52	Protic compound mediated living cross-chain-transfer polymerization of rac-lactide: synthesis of isotactic (crystalline)-heterotactic (amorphous) stereomultiblock polylactide. <i>Chemical Communications</i> , 2012 ,	5.8	65
51	Ligands Dominate Highly Syndioselective Polymerization of Styrene by Using Constrained-geometry-configuration Rare-earth Metal Precursors. <i>Macromolecules</i> , 2012 , 45, 1248-1253	5.5	84
50	Facile synthesis of pendant- and β -chain-end-functionalized polycarbonates via immortal polymerization by using a salan lutetium alkyl precursor. <i>Chemical Communications</i> , 2012 , 48, 4588-90	5.8	31
49	Ligand-Free Magnesium Catalyst System: Immortal Polymerization of L-Lactide with High Catalyst Efficiency and Structure of Active Intermediates. <i>Macromolecules</i> , 2012 , 45, 6957-6965	5.5	68

48	NNN-Tridentate Pyrrolyl Rare-Earth Metal Complexes: Structure and Catalysis on Specific Selective Living Polymerization of Isoprene. <i>Organometallics</i> , 2012 , 31, 6014-6021	3.8	49
47	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	2.3	29
46	Magnesium and Zinc Complexes Supported by N,O-Bidentate Pyridyl Functionalized Alkoxy Ligands: Synthesis and Immortal ROP of ϵ -CL and L-LA. <i>Organometallics</i> , 2012 , 31, 4182-4190	3.8	83
45	Synthesis of isotactic-heterotactic stereoblock (hard-soft) poly(lactide) with tacticity control through immortal coordination polymerization. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2403-10	4.5	28
44	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, 7755-61	4.3	50
43	Highly Cis-1,4-Selective Living Polymerization of 1,3-Conjugated Dienes and Copolymerization with ϵ -Caprolactone by Bis(phosphino)carbazolide Rare-Earth-Metal Complexes. <i>Organometallics</i> , 2011 , 30, 760-767	3.8	114
42	Highly Regio- and Stereoselective Terpolymerization of Styrene, Isoprene and Butadiene with Lutetium-Based Coordination Catalyst. <i>Macromolecules</i> , 2011 , 44, 7675-7681	5.5	43
41	Heteroscorpionate rare-earth metal zwitterionic complexes: syntheses, characterization, and heteroselective catalysis on the ring-opening polymerization of rac-lactide. <i>Chemistry - A European Journal</i> , 2011 , 17, 11520-6	4.8	53
40	Scandium alkyl complex with phosphinimino-amine ligand: synthesis, structure and catalysis on ethylene polymerization. <i>Dalton Transactions</i> , 2011 , 40, 2151-3	4.3	28
39	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. <i>Dalton Transactions</i> , 2010 , 39, 3959-67	4.3	33
38	β -Diketiminato Rare-Earth Metal Complexes. Structures, Catalysis, and Active Species for Highly cis-1,4-Selective Polymerization of Isoprene. <i>Organometallics</i> , 2010 , 29, 2186-2193	3.8	116
37	CCC-Pincer Bis(carbene) Lanthanide Dibromides. Catalysis on Highly cis-1,4-Selective Polymerization of Isoprene and Active Species. <i>Organometallics</i> , 2010 , 29, 2987-2993	3.8	84
36	Facile Synthesis of Hydroxyl-Ended, Highly Stereoregular, Star-Shaped Poly(lactide) from Immortal ROP of rac-Lactide and Kinetics Study. <i>Macromolecules</i> , 2010 , 43, 6678-6684	5.5	80
35	Bis(imino)aryl NCN Pincer Aluminum and Zinc Complexes: Synthesis, Characterization, and Catalysis on L-Lactide Polymerization. <i>Organometallics</i> , 2010 , 29, 5783-5790	3.8	72
34	Stereoselective Polymerization of Styrene with Cationic Scandium Precursors Bearing Quinolyl Aniline Ligands. <i>Organometallics</i> , 2010 , 29, 1916-1923	3.8	39
33	Polymerization of 1,3-Conjugated Dienes with Rare-Earth Metal Precursors. <i>Structure and Bonding</i> , 2010 , 49-108	0.9	107
32	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, 3022-4	5.8	96
31	Isoprene polymerization with aminopyridinato ligand supported rare-earth metal complexes. Switching of the regio- and stereoselectivity. <i>Chemical Communications</i> , 2010 , 46, 6150-2	5.8	62

30	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	7.9	8
29	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	2.3	44
28	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	2.3	38
27	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. <i>Chemistry - A European Journal</i> , 2010 , 16, 14007-15	4.8	69
26	Rich C-H bond activations of yttrium alkyl complexes bearing phosphinimino-amine ligands. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2781-2788	2.3	11
25	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	3	16
24	Polymerization of 2,2'-dimethyltrimethylene carbonate by lutetium complexes bearing amino-phosphine ligands. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 3110-3118	2.9	7
23	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	3.8	81
22	Copolymerization of ethylene with norbornene catalyzed by cationic rare earth metal fluorenyl functionalized N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2009 , 8963-9	4.3	44
21	Highly cis-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, 4984-91	16.4	206
20	Tridentate CCC-Pincer Bis(carbene)-Ligated Rare-Earth Metal Dibromides. Synthesis and Characterization. <i>Organometallics</i> , 2008 , 27, 5438-5440	3.8	50
19	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	3.8	79
18	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	3.8	56
17	Highly 3,4-Selective Living Polymerization of Isoprene with Rare Earth Metal Fluorenyl N-Heterocyclic Carbene Precursors. <i>Macromolecules</i> , 2008 , 41, 1983-1988	5.5	162
16	Styrene polymerization catalyzed by metal porphyrin complex/MAO for in situ synthesizing polystyrene containing air stable cation radicals. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1240-1248	2.5	11
15	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	57
14	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	62
13	Synthesis of the First Rare Earth Metal Bis(alkyl)s Bearing an Indenyl Functionalized N-Heterocyclic Carbene. <i>Organometallics</i> , 2007 , 26, 3167-3172	3.8	120

12	Pyrrrolide-Supported Lanthanide Alkyl Complexes. Influence of Ligands on Molecular Structure and Catalytic Activity toward Isoprene Polymerization. <i>Organometallics</i> , 2007 , 26, 4575-4584	3.8	94
11	Yttrium bis(alkyl) and bis(amido) complexes bearing N,O multidentate ligands. Synthesis and catalytic activity towards ring-opening polymerization of L-lactide. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5662-5672	2.5	71
10	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	3.8	258
9	Polymerization of rac-Lactide Using Schiff Base Aluminum Catalysts: Structure, Activity, and Stereoselectivity. <i>Macromolecules</i> , 2007 , 40, 1904-1913	5.5	158
8	Alternating Copolymerization of Cyclohexene Oxide and Carbon Dioxide Catalyzed by Organo Rare Earth Metal Complexes. <i>Macromolecules</i> , 2005 , 38, 4089-4095	5.5	138
7	Lanthanide-imido complexes and their reactions with benzonitrile. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 959-62	16.4	122
6	Lanthanide Imido Complexes and Their Reactions with Benzonitrile. <i>Angewandte Chemie</i> , 2005 , 117, 981-984	3.6	32
5	Aluminum Schiff base catalysts derived from β -diketone for the stereoselective polymerization of racemic lactides. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 6605-6612	2.5	40
4	Tetranuclear rare earth metal polyhydrido complexes composed of "(C5Me4SiMe3)LnH2" Units. Unique reactivities toward unsaturated C-C, C-N, and C-O bonds. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1312-3	16.4	112
3	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	20
2	Isospecific (Co)polymerization of Unmasked Polar Styrenes by Neutral Rare-Earth Metal Catalysts. <i>Angewandte Chemie</i> , 2021 , 133, 2966	3.6	
1	Direct Synthesis of Functional Thermoplastic Elastomer with Excellent Mechanical Properties by Scandium-Catalyzed Copolymerization of Ethylene and Fluorostyrenes. <i>Angewandte Chemie</i> , 2021 , 133, 2966	3.6	0