Polymerization of lactide and related cyclic esters by di

Dalton Transactions RSC , 2215-2224

DOI: 10.1039/b104197p

Citation Report

#	Article	IF	CITATIONS
1	Perfectly Alternating Copolymer of Lactic Acid and Ethylene Oxide as a Plasticizing Agent for Polylactide. Macromolecules, 2001, 34, 8641-8648.	2.2	94
2	The Chemistry of Î ² -Diketiminatometal Complexes. Chemical Reviews, 2002, 102, 3031-3066.	23.0	985
3	Polymerization of Lactide by Monomeric Sn(II) Alkoxide Complexes. Macromolecules, 2002, 35, 644-650.	2.2	136
4	Non-cyclopentadienyl ancillaries in organogroup 3 metal chemistry: a fine balance in ligand design. Coordination Chemistry Reviews, 2002, 233-234, 131-155.	9.5	405
5	Recent developments in organolanthanide polymerization catalysts. Coordination Chemistry Reviews, 2002, 231, 1-22.	9.5	437
6	A Versatile Route to Functionalized Dilactones as Monomers for the Synthesis of Poly(α-hydroxy) Acids. European Journal of Organic Chemistry, 2003, 2003, 3344-3349.	1.2	36
8	Molybdenum Amido Complexes with Single MoN Bonds: Synthesis, Structure, and Reactivity. Chemistry - A European Journal, 2003, 9, 4132-4143.	1.7	22
9	Cobalt-Based Complexes for the Copolymerization of Propylene Oxide and CO2: Active and Selective Catalysts for Polycarbonate Synthesis. Angewandte Chemie - International Edition, 2003, 42, 5484-5487.	7.2	370
10	Conformational effects in \hat{I}^2 -diiminate ligated magnesium and zinc amides. Solution dynamics and lactide polymerization. Inorganica Chimica Acta, 2003, 350, 121-125.	1.2	82
11	Synthesis, characterisation and grafting onto silica of alkoxide–triflate lanthanum complexes. Molecular structure of La(OC6H3-2,6-Me2)2(η1-O3SCF3)(tetraglyme). Polyhedron, 2003, 22, 127-132.	1.0	8
12	Some trends in the design of homo- and heterometallic molecular precursors of high-tech oxides. Inorganic Chemistry Communication, 2003, 6, 102-120.	1.8	177
13	Synthesis and characterization of multiblock copolymers based onL-lactic acid, citric acid, and poly(ethylene glycol). Journal of Polymer Science Part A, 2003, 41, 2073-2081.	2.5	20
14	Anionic iron(II) alkoxides as initiators for the controlled ring-opening polymerization of lactide. Journal of Polymer Science Part A, 2003, 41, 3798-3803.	2.5	88
15	Aluminium metal complexes supported by amine bis-phenolate ligands as catalysts for ring-opening polymerization of ε-caprolactone. Dalton Transactions, 2003, , 3799-3803.	1.6	106
16	Perfluoroalkyl-Substituted Triazapentadienes and Their Metal Complexes. Inorganic Chemistry, 2003, 42, 932-934.	1.9	45
17	Lactide polymerization by well-defined calcium coordination complexes: comparisons with related magnesium and zinc chemistry. Chemical Communications, 2003, , 48-49.	2.2	345
18	Metal Complexes as Catalysts for Polymerization Reactions. , 2003, , 1-74.		5
19	A Highly Active Zinc Catalyst for the Controlled Polymerization of Lactide. Journal of the American Chemical Society, 2003, 125, 11350-11359.	6.6	579

#	Article	IF	CITATIONS
20	Electronic influence of ligand substituents on the rate of polymerization of $\hat{l}\mu$ -caprolactone by single-site aluminium alkoxide catalysts. Dalton Transactions, 2003, , 3082-3087.	1.6	155
21	Metal-catalyzed synthesis of stereoregular polyketones, polyesters, and polycarbonates. Dalton Transactions, 2003, , 4039-4050.	1.6	152
22	A study of the ring-opening of lactides and related cyclic esters by Ph2SnX2and Ph3SnX compounds (X = NMe2, OR). New Journal of Chemistry, 2003, 27, 1167-1176.	1.4	48
23	A study of the ring-opening polymerization (ROP) ofl-lactide by Ph2SnX2precursors (X = NMe2, OPri): the notable influence of initiator group. New Journal of Chemistry, 2003, 27, 1177-1183.	1.4	41
24	Rare earth metal complexes supported by 1,ï%-dithiaalkanediyl-bridged bis(phenolato) ligands: synthesis, characterization and ring-opening polymerization catalysis ofl-lactide. Dalton Transactions, 2003, , 4770-4780.	1.6	127
25	Group 1 and 13 complexes of aryl-substituted bis(phosphinimino)methyls. Journal of Organometallic Chemistry, 2004, 689, 722-730.	0.8	39
26	An alkylzinc bromide and a lithium alkyldibromozincate containing tris(organosilyl)methyl groups. Journal of Organometallic Chemistry, 2004, 689, 1718-1722.	0.8	16
27	Discrete Metal-Based Catalysts for the Copolymerization of CO2 and Epoxides: Discovery, Reactivity, Optimization, and Mechanism. Angewandte Chemie - International Edition, 2004, 43, 6618-6639.	7.2	1,079
28	Direct Organocatalytic Ring-Opening Polymerizations of Lactones. Advanced Synthesis and Catalysis, 2004, 346, 1087-1089.	2.1	86
30	Zinc Guanidinate Complexes and Their Application in Ring-Opening Polymerisation Catalysis. European Journal of Inorganic Chemistry, 2004, 2004, 2662-2672.	1.0	128
31	A Comparison of Analogous 4f- and 5f-Element Compounds: Syntheses, X-ray Crystal Structures and Catalytic Activity of the Homoleptic Amidinate Complexes [M{MeC(NCy)2}3] (M = La, Nd or U). European Journal of Inorganic Chemistry, 2004, 2004, 4624-4632.	1.0	85
32	Towards the Nature of Active Sites in Polymerization of Cyclic Esters Initiated by Aluminium Alkoxides: First Structurally Authenticated Aluminium-?-Caprolactone Complex. Macromolecular Rapid Communications, 2004, 25, 1939-1942.	2.0	48
33	Unprecedented Polymerization ofÉ-Caprolactone Initiated by a Single-Site Lanthanide Borohydride Complex,[Sm(Î-C5Me5)2(BH4)(thf)]: Mechanistic Insights. Chemistry - A European Journal, 2004, 10, 4054-4062.	1.7	108
34	Influence of the nature of the ligand on the microstructure of poly d,l-lactides prepared with organoaluminum initiators. European Polymer Journal, 2004, 40, 523-530.	2.6	24
35	Synthesis and structure of LLnBr2 (L=Et2NCH2CH2NC(Me)CHC(Me)NCH2CH2NEt2; Ln=Y, Sm, and Yb). Polyhedron, 2004, 23, 183-187.	1.0	23
36	Metal-assembled compounds: precursors of polymerization catalysts and new materials. Coordination Chemistry Reviews, 2004, 248, 1047-1060.	9.5	36
37	Shell-Cross-Linked Vesicles Synthesized from Block Copolymers of Poly(d,l-lactide) and Poly(N-isopropyl acrylamide) as Thermoresponsive Nanocontainers. Langmuir, 2004, 20, 10809-10817.	1.6	195
38	Controlled synthesis of biodegradable lactide polymers and copolymers using novel in situ generated or single-site stereoselective polymerization initiators. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 929-946.	1.9	30

3

#	Article	IF	Citations
39	Aluminum Complexes Supported by Tridentate Aminophenoxide Ligand as Efficient Catalysts for Ring-Opening Polymerization of $\hat{l}\mu$ -Caprolactone. Macromolecules, 2004, 37, 7968-7973.	2.2	109
40	Unprecedented Reversible Migration of Amide to Schiff Base Ligands Attached to Tin:Â Latent Single-Site Initiators for Lactide Polymerization. Journal of the American Chemical Society, 2004, 126, 13598-13599.	6.6	102
41	The structural characteristics of organozinc complexes incorporating N,N′-bidentate ligands. Dalton Transactions, 2004, , 3568-3574.	1.6	49
43	Dimeric samarium(III) alkoxides bearing N2O2 tetradentate Schiff bases and their utility for the catalytic epoxidation of trans-chalcone. Journal of Organometallic Chemistry, 2005, 690, 1011-1017.	0.8	17
44	Homolysis of the Ln–N bond: Synthesis, characterization and catalytic activity of organolanthanide(II) complexes with furfuryl- and tetrahydrofurfuryl-functionalized indenyl ligands. Journal of Organometallic Chemistry, 2005, 690, 4139-4149.	0.8	21
45	Zinc N-heterocyclic carbene complexes and their polymerization of d,l-lactide. Journal of Organometallic Chemistry, 2005, 690, 5881-5891.	0.8	129
46	Ring-opening polymerization of lactide initiated by magnesium and zinc alkoxides. Polymer, 2005, 46, 9784-9792.	1.8	169
47	A Highly Efficient Initiator for the Ring-Opening Polymerization of Lactides and Îμ-Caprolactone:Â A Kinetic Study. Macromolecules, 2005, 38, 5400-5405.	2.2	159
48	Unprecedented Coordination Mode Variation of Group 13 Metal-Alkyl Compounds Derived from Methyl Thiosalicylate. European Journal of Inorganic Chemistry, 2005, 2005, 3414-3417.	1.0	7
49	Lanthanide Thiolate Complexes: Novel Initiators for Ring-opening Polymerization of É>-Caprolactone. Chinese Journal of Chemistry, 2005, 23, 1541-1544.	2.6	13
50	Direct Organocatalytic Polymerization from Cellulose Fibers. Macromolecular Rapid Communications, 2005, 26, 82-86.	2.0	118
51	Catalytic carbonylation of 4-penten-1-ol to É>-caprolactone and oligocaprolactone. Journal of Molecular Catalysis A, 2005, 239, 185-192.	4.8	5
52	Catalysts for the ring-opening polymerization of $\hat{l}\mu\text{-caprolactone}$ and l-lactide and the mechanistic study. Polymer, 2005, 46, 5909-5917.	1.8	100
53	Design of silica-tethered metal complexes for polymerization catalysis. Topics in Catalysis, 2005, 34, 67-76.	1.3	38
54	Synthesis and microstructural characterisation of copolymers of L-lactide and trimethylene carbonate prepared using the Sml2/Sm initiator system. Polymer International, 2005, 54, 1422-1428.	1.6	25
55	Homo- and copolymerization of 2,2-dimethyltrimethylene carbonate promoted by samarium thiolate derivatives: Novel and versatile initiators. Journal of Polymer Science Part A, 2005, 43, 1312-1316.	2.5	12
56	An Aluminum Complex Supported by a Fluorous Diamino-Dialkoxide Ligand for the Highly Productive Ring-Opening Polymerization of ε-Caprolactone. Organometallics, 2005, 24, 6279-6282.	1.1	75
57	Aluminium alkyl complexes supported by [OSSO] type bisphenolato ligands: synthesis, characterization and living polymerization of rac-lactide. Dalton Transactions, 2005, , 721.	1.6	74

#	ARTICLE	IF	CITATIONS
58	Synthesis and structural characterisation of novel linked bis (\hat{l}^2 -diketiminato) rare earth metal complexes. Dalton Transactions, 2005, , 1565-1566.	1.6	44
59	Highly efficient magnesium initiators for lactide polymerization. Dalton Transactions, 2005, , 2047.	1.6	63
60	Titanium, zinc and alkaline-earth metal complexes supported by bulky O,N,N,O-multidentate ligands: syntheses, characterisation and activity in cyclic esterpolymerisation. Dalton Transactions, 2006, , 340-350.	1.6	190
61	Synthesis and X-ray Structures of New Titanium(IV) Aryloxides and Their Exploitation for the Ring Opening Polymerization of ε-Caprolactone. Inorganic Chemistry, 2006, 45, 2282-2287.	1.9	65
62	Direct Organocatalytic Chemoselective Synthesis of a Dendrimer-like Star Polyester. Macromolecules, 2006, 39, 2819-2822.	2.2	46
63	Comparison of structurally analogous Zn2, Co2, and Mg2catalysts for the polymerization of cyclic esters. Dalton Transactions, 2006, , 928-936.	1.6	124
64	Phenoxytriamine complexes of yttrium: synthesis, structure and use in the polymerization of lactide and $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2006, , 4155-4163.	1.6	47
65	Application of the S2â^ž and Câ^ž point groups for the prediction of polymer chirality. Chemical Communications, 2006, , 862.	2.2	2
66	Ring-opening polymerization of 3,6-dimethyl-2,5-morpholinedione with discrete amino-alkoxy-bis(phenolate) yttrium initiators: mechanistic insights. Chemical Communications, 2006, , 4509.	2.2	22
67	Ligand Transfer Reactions of Mixed-Metal Lanthanide/Magnesium Allyl Complexes with β-Diketimines:Â Synthesis, Structures, and Ring-Opening Polymerization Catalysis. Organometallics, 2006, 25, 1012-1020.	1.1	147
68	Comments on the ring-opening polymerization of morpholine-2,5-dione derivatives by various metal catalysts and characterization of the products formed in the reactions involving R2SnX2, where $X = OPriand\ NMe2$ and $R = Bun$, $Ph\ and\ p-Me2NC6H4$. Dalton Transactions, 2006, , 846-851.	1.6	25
69	Reactivity of Molybdenum and Rhenium Hydroxo Complexes toward Organic Electrophiles:  Reactions that Afford Carboxylato Products. Organometallics, 2006, 25, 1717-1722.	1.1	23
70	Group 4 complexes of amine bis(phenolate)s and their application for the ring opening polymerisation of cyclic esters. Dalton Transactions, 2006, , 887-889.	1.6	102
71	Titanium–salen complexes as initiators for the ring opening polymerisation of rac-lactide. Dalton Transactions, 2006, , 3134-3140.	1.6	118
72	Ring-Opening Polymerization of Lactides Initiated by Zinc Alkoxides Derived from NNO-Tridentate Ligands. Macromolecules, 2006, 39, 3745-3752.	2.2	253
73	Progress in Polymerization of Cyclic Esters: Mechanisms and Synthetic Applications. Macromolecular Symposia, 2006, 240, 47-55.	0.4	75
74	Metal-Free Catalyzed Ring-Opening Polymerization of \hat{l}^2 -Lactones: Synthesis of Amphiphilic Triblock Copolymers Based on Poly(dimethylmalic acid). Macromolecules, 2006, 39, 4001-4008.	2.2	86
75	Amphiphilic Poly(I-lactide)-b-dendritic Poly(I-lysine)s Synthesized with A Metal-Free Catalyst and New Dendron Initiators:Â Chemical Preparation and Characterization. Biomacromolecules, 2006, 7, 224-231.	2.6	50

#	ARTICLE	IF	CITATIONS
76	Racemic N-aryl bis(amidines) and bis(amidinates): on the trail of enantioselective organolanthanide catalysts. Dalton Transactions, 2006, , 1544-1553.	1.6	36
77	New Asymmetric ABn-Shaped Amphiphilic Poly(ethylene glycol)-b-[Poly(l-lactide)]n(n= 2, 4, 8) Bridged with Dendritic Ester Linkages:Â I. Syntheses and Their Characterization. Biomacromolecules, 2006, 7, 2377-2387.	2.6	22
78	Dizinc Alkoxides and Amides Supported by Binucleating Bis(amidoamine) Ligands. Inorganic Chemistry, 2006, 45, 1815-1822.	1.9	19
79	Stereoselective polymerization of rac- and meso-lactide catalyzed by sterically encumbered N-heterocyclic carbenes. Chemical Communications, 2006, , 2881.	2.2	169
80	Monoalkylaluminium Complexes Stabilized by a Rigid Dianionic Diimine Ligand: Synthesis, Solid State Structure, and Dynamic Solution Behaviour of (dpp-BIAN)AIR (R = Me, Et,iBu). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1471-1476.	0.6	38
81	Homopolymerization of cyclic esters initiated by lanthanide isopropoxides supported by 2,2′-ethylene-bis(4,6-di-tert-butylphenolate) ligands. Journal of Polymer Science Part A, 2006, 44, 4409-4419.	2.5	31
82	Synthesis and characterization of aluminum(III) and tin(II) complexes supported by diiminophosphinate ligands and their application in ring-opening polymerization catalysis of É-caprolactone. Journal of Polymer Science Part A, 2006, 44, 4621-4631.	2.5	25
83	Yttrium(III) complex as a highly active catalyst for lactide polymerization. Journal of Polymer Science Part A, 2006, 44, 6646-6651.	2.5	34
84	Titanium complexes supported by bis(aryloxo) ligand: Structure and lactide polymerization activities. Journal of Molecular Catalysis A, 2006, 257, 105-111.	4.8	27
85	Indium complexes incorporating bidentate substituted pyrrole ligand: Synthesis, characterization, and ring-opening polymerization of lµ-caprolactone. Inorganica Chimica Acta, 2006, 359, 497-504.	1.2	34
86	Well-defined sterically hindered zinc aryloxides: Excellent catalysts for ring-opening polymerization of É-caprolactone and l-lactide. Polymer, 2006, 47, 6622-6629.	1.8	61
87	Homolysis of the Ln–N bond: Synthesis, characterization and catalytic activity of organolanthanide(II) complexes with 2-pyridylmethyl and 3-pyridylmethyl-functionalized indenyl ligands. Journal of Organometallic Chemistry, 2006, 691, 1265-1274.	0.8	14
88	Ring-Opening Polymerization of Lactide with Group 3 Metal Complexes Supported by Dianionic Alkoxy-Amino-Bisphenolate Ligands: Combining High Activity, Productivity, and Selectivity. Chemistry - A European Journal, 2006, 12, 169-179.	1.7	388
89	Highly Heteroselective Ring-Opening Polymerization ofrac-Lactide Initiated by Bis(phenolato)scandium Complexes. Angewandte Chemie - International Edition, 2006, 45, 7818-7821.	7.2	257
90	Homoleptic lanthanide metallocenes and their derivates: syntheses, structural characterization and their catalysis for ring-opening polymerization of É-caprolactone. Applied Organometallic Chemistry, 2006, 20, 310-314.	1.7	15
91	Synthesis and Characterization of Zirconium and Hafnium Aryloxide Compounds and Their Reactivity Towards Lactide and ε-Caprolactone Polymerization. European Journal of Inorganic Chemistry, 2006, 2006, 2306-2312.	1.0	45
92	First Example of a Gold(I)N-Heterocyclic-Carbene-Based Initiator for the Bulk Ring-Opening Polymerization of L-Lactide. European Journal of Inorganic Chemistry, 2006, 2006, 3724-3730.	1.0	83
94	Cyclic esters and cyclodepsipeptides derived from lactide and 2,5-morpholinediones. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15315-15320.	3.3	54

#	Article	IF	CITATIONS
96	Study of ligand substituent effects on the rate and stereoselectivity of lactide polymerization using aluminum salen-type initiators. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15343-15348.	3.3	243
97	Controlled ring-opening polymerization of lactide by group 3 metal complexes. Pure and Applied Chemistry, 2007, 79, 2013-2030.	0.9	142
98	Stereoselective Polymerization of Lactide. , 2007, , 645-660.		1
99	Novel Chlorotitanium Complexes Containing Chiral Tridentate Schiff Base Ligands for Ring-Opening Polymerization of Lactide. Inorganic Chemistry, 2007, 46, 7701-7703.	1.9	67
100	Synthesis of functionalized biodegradable polyesters. Chemical Society Reviews, 2007, 36, 1573.	18.7	398
101	Zinc anilido-oxazolinate complexes as initiators for ring opening polymerization. Dalton Transactions, 2007, , 4073.	1.6	42
102	18-Membered cyclic esters derived from glycolide and lactide: preparations, structures and coordination to sodium ions. Dalton Transactions, 2007, , 4811.	1.6	19
103	Tert-butylamidinate tin(ii) complexes: high activity, single-site initiators for the controlled production of polylactide. Dalton Transactions, 2007, , 4464.	1.6	62
104	Lithium, Magnesium, and Zinc Iminophosphorano(8-quinolyl)methanide Complexes: Syntheses, Characterization, and Activity in ε-Caprolactone Polymerization. Organometallics, 2007, 26, 2243-2251.	1.1	42
105	Synthesis and characterisation of lanthanide phenolate compounds and their catalytic activity towards ring-opening polymerisation of cyclic esters. Dalton Transactions, 2007, , 4685.	1.6	38
106	Synthesis and Characterization of a Series of Bis(oxo/thiophosphinic)diamido Yttrium Complexes and Their Application as Initiators for Lactide Ring-Opening Polymerization. Organometallics, 2007, 26, 4955-4963.	1.1	51
107	Synthesis and Structural Characterization of Magnesium Ketiminate Complexes:  Efficient Initiators for the Ring-Opening Polymerization of <scp>l</scp> -Lactide. Macromolecules, 2007, 40, 8855-8860.	2.2	138
108	Lithium complexes supported by amine bis-phenolate ligands as efficient catalysts for ring-opening polymerization of l-lactide. Dalton Transactions, 2007, , 5561.	1.6	72
109	Controlled Syntheses, Characterization, and Reactivity of Neutral and Anionic Lanthanide Amides Supported by Methylene-Linked Bis(phenolate) Ligands. Inorganic Chemistry, 2007, 46, 9379-9388.	1.9	57
110	Well-Defined Alkyl Heteroscorpionate Magnesium Complexes as Excellent Initiators for the ROP of Cyclic Esters. Organometallics, 2007, 26, 6403-6411.	1.1	107
111	Organocatalytic Ring-Opening Polymerization. Chemical Reviews, 2007, 107, 5813-5840.	23.0	1,304
112	Efficient and controlled polymerization of lactide under mild conditions with a sodium-based catalyst. Green Chemistry, 2007, 9, 1038.	4.6	88
113	Well-Defined Cationic Alkyl– and Alkoxide–Aluminum Complexes and Their Reactivity with É>-Caprolactone and Lactides. Chemistry - A European Journal, 2007, 13, 3202-3217.	1.7	105

#	Article	IF	CITATIONS
114	Stereoselective Ring-Opening Polymerization of a Racemic Lactide by Using Achiral Salen– and Homosalen–Aluminum Complexes. Chemistry - A European Journal, 2007, 13, 4433-4451.	1.7	380
115	[Bis(guanidine)]zinc Complexes and Their Application in Lactide Polymerisation. European Journal of Inorganic Chemistry, 2007, 2007, 5645-5651.	1.0	73
116	L,L-Lactide andÉ>-Caprolactone Block Copolymers by a †Poly(L,L-lactide) Block First†Meoute. Macromolecular Rapid Communications, 2007, 28, 1385-1391.	2.0	53
117	Ring-opening polymerization of lactones by rare-earth metal triflates and by their reusable system in ionic liquids. Tetrahedron, 2007, 63, 8478-8484.	1.0	80
118	Recent advances in the controlled preparation of poly(\hat{l} ±-hydroxy acids): Metal-free catalysts and new monomers. Comptes Rendus Chimie, 2007, 10, 775-794.	0.2	162
119	Ni(II) and Cu(II) complexes of phenoxy-ketimine ligands: Synthesis, structures and their utility in bulk ring-opening polymerization (ROP) of l-lactide. Polyhedron, 2007, 26, 4033-4044.	1.0	64
120	Ring-opening polymerization of l-lactide by organotin(IV)alkoxides, R2Sn(OPri)2: Estimation of the activation parameters. Polyhedron, 2007, 26, 4436-4444.	1.0	26
121	Silver N-heterocyclic carbene complexes as initiators for bulk ring-opening polymerization (ROP) of l-lactides. Journal of Organometallic Chemistry, 2007, 692, 1672-1682.	0.8	81
122	Synthesis, characterization, and catalytic activity of divalent organolanthanide complexes with new tetrahydro-2H-pyranyl-functionlized indenyl ligands. Journal of Organometallic Chemistry, 2007, 692, 2099-2106.	0.8	23
123	Titanatranes containing tetradentate ligands with controlled steric hindrance. Journal of Organometallic Chemistry, 2007, 692, 3519-3525.	0.8	30
124	Gold(I) N-heterocyclic carbene based initiators for bulk ring-opening polymerization of l-lactide. Journal of Organometallic Chemistry, 2007, 692, 4259-4269.	0.8	86
125	Enolic Schiff-base aluminum complexes and their application in lactide polymerization. Journal of Organometallic Chemistry, 2007, 692, 5605-5613.	0.8	40
126	Ring-opening polymerization of lactones using zirconocene catalytic systems: Block copolymerization with methyl methacrylate. Journal of Polymer Science Part A, 2007, 45, 3524-3537.	2.5	34
127	Miktoarm star copolymers of poly(ϵâ€caprolactone) from a novel heterofunctional initiator. Journal of Polymer Science Part A, 2007, 45, 5164-5181.	2.5	26
128	Yttrium bis(alkyl) and bis(amido) complexes bearing N,O multidentate ligands. Synthesis and catalytic activity towards ringâ€opening polymerization of ⟨scp⟩L⟨/scp⟩â€lactide. Journal of Polymer Science Part A, 2007, 45, 5662-5672.	2.5	75
129	Well-defined bis(phenolate) lanthanide methoxides as efficient initiators for the polymerization of cyclic carbonate and lactide. Science Bulletin, 2007, 52, 1623-1628.	1.7	6
130	Câ€O Bond Cleavage of Diethyl Ether and Tetrahydrofurane by [(dppâ€BIAN)AlI(Et ₂ O)] [dppâ€BIAN = 1,2â€bis[(2,6â€diâ€isoâ€propylphenyl)â€imino]acenaphthene]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 357-361.	0.6	22
131	Reactions of Carbodiimides with ZnEt ₂ and MeZnCl. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2221-2225.	0.6	21

#	Article	IF	CITATIONS
132	Enolic Schiff Base Aluminum Complexes and Their Catalytic Stereoselective Polymerization of Racemic Lactide. Chemistry - A European Journal, 2008, 14, 3126-3136.	1.7	121
133	Bis(guanidinate) Alkoxide Complexes of Lanthanides: Synthesis, Structures and Use in Immortal and Stereoselective Ringâ€Opening Polymerization of Cyclic Esters. Chemistry - A European Journal, 2008, 14, 5440-5448.	1.7	158
134	Monomer versus Alcohol Activation in the 4â€Dimethylaminopyridineâ€Catalyzed Ringâ€Opening Polymerization of Lactide and Lactic <i>O</i> àê€Carboxylic Anhydride. Chemistry - A European Journal, 2008, 14, 5304-5312.	1.7	108
135	Ultraproductive, Zincâ€Mediated, Immortal Ringâ€Opening Polymerization of Trimethylene Carbonate. Chemistry - A European Journal, 2008, 14, 8772-8775.	1.7	82
136	Unexpected CC Bond Formation and Synthesis of Tetranuclear Zinc Carbodiimide Clusters from the Reaction of ZnMe ₂ and <i>i</i> PrNCN <i>i</i> Pr. Angewandte Chemie - International Edition, 2008, 47, 1512-1514.	7.2	24
137	Effect of the Configuration of the Active Center on Comonomer Reactivities: The Case of εâ€Caprolactone/â€ <scp>l,l</scp> â€Lactide Copolymerization. Angewandte Chemie - International Edition, 2008, 47, 9088-9091.	7.2	88
140	Synthesis of poly(ester-urethane)s from hydroxytelechelic polylactide: Effect of initiators on their physical and degradation properties. Polymer Degradation and Stability, 2008, 93, 117-124.	2.7	12
141	Efficient ring-opening polymerization of É≻-caprolactone using anilido-imine–aluminum complexes in the presence of benzyl alcohol. Polymer, 2008, 49, 2486-2491.	1.8	60
142	Catalytic formation of cyclic-esters and -depsipeptides and chemical amplification by complexation with sodium ions. Journal of Organometallic Chemistry, 2008, 693, 808-818.	0.8	8
143	Aluminum and zinc complexes supported by functionalized phenolate ligands: Synthesis, characterization and catalysis in the ring-opening polymerization of $\hat{l}\mu$ -caprolactone and rac-lactide. Journal of Organometallic Chemistry, 2008, 693, 3151-3158.	0.8	71
144	Synthesis, characterization of a novel zinc diamine–bisphenolate complex and its application as an initiator for ring-opening polymerization of rac-lactide. Inorganic Chemistry Communication, 2008, 11, 608-611.	1.8	17
145	Ring-opening polymerization of various cyclic esters by Al complex catalysts containing a series of phenoxy-imine ligands: Effect of the imino substituents for the catalytic activity. Journal of Molecular Catalysis A, 2008, 292, 67-75.	4.8	88
146	Biocompatible Initiators for Lactide Polymerization. Polymer Reviews, 2008, 48, 11-63.	5.3	646
147	Carbonylative Polymerization of Oxetanes Initiated by Acetyl Cobalt Complexes. Chemistry - an Asian Journal, 2008, 3, 710-718.	1.7	21
148	Multinuclear alkylaluminium macrocyclic Schiff base complexes: influence of procatalyst structure on the ring opening polymerisation of \hat{l}_{μ} -caprolactone. Chemical Communications, 2008, , 4717.	2.2	111
149	Bimetallic anilido-aldimine Al or Zn complexes for efficient ring-opening polymerization of ε-caprolactone. Dalton Transactions, 2008, , 3199.	1.6	99
150	Synthesis, Characterization, and Catalysis in $\ddot{l}\mu$ -Caprolactone Polymerization of Aluminum and Zinc Complexes Supported by $\langle i \rangle N \langle i \rangle, \langle i \rangle N \langle i \rangle, \langle i \rangle N \langle i \rangle$ -Chelate Ligands. Organometallics, 2008, 27, 1626-1633.	1.1	77
151	Zwitterionic bis(phenolate)amine lanthanide complexes for the ring-opening polymerisation of cyclic esters. Dalton Transactions, 2008, , 32-35.	1.6	104

#	Article	IF	Citations
152	Notable effect of imino substituent for the efficient ring-opening polymerization of ε-caprolactone initiated by Al complexes containing phenoxy-imine ligand of type, Me2Al(L) [L: O-2- Bu-6-(RN CH)C6H3; R: 2,6- Pr2C6H3, Bu, adamantyl, C6F5]. Catalysis Communications, 2008, 9, 1148-1152.	1.6	62
153	Rare-Earth Metal Bis(alkyl)s Supported by a Quinolinyl Anilido-Imine Ligand: Synthesis and Catalysis on Living Polymerization of ε-Caprolactone. Organometallics, 2008, 27, 5889-5893.	1.1	84
154	Organo-Catalyzed ROP of ϵ-Caprolactone: Methanesulfonic Acid Competes with Trifluoromethanesulfonic Acid. Macromolecules, 2008, 41, 3782-3784.	2.2	140
155	Scandium Alkyl Complexes Supported by a Ferrocene Diamide Ligand. Organometallics, 2008, 27, 363-370.	1.1	89
156	Structural and catalytic studies of lithium complexes bearing pendant aminophenolate ligands. Dalton Transactions, 2008, , 3502.	1.6	61
157	Preparation, Characterization, and Catalytic Studies of Magnesium Phenoxides: Highly Active Initiators for Ring-Opening Polymerization of <scp>l</scp> -Lactide. Organometallics, 2008, 27, 4970-4978.	1.1	95
158	Ring-Opening Polymerization of Cyclic Monomers by Complexes Derived from Biocompatible Metals. Production of Poly(lactide), Poly(trimethylene carbonate), and Their Copolymers. Macromolecules, 2008, 41, 3493-3502.	2.2	233
159	Group 3 Metal Complexes of Salen-like Fluorous Dialkoxyâ^'Diimino Ligands: Synthesis, Structure, and Application in Ring-Opening Polymerization of <i>rac</i> -Lactide and <i>rac</i> -β-Butyrolactone. Organometallics, 2008, 27, 5691-5698.	1.1	61
160	Aluminum Complexes of Fluorinated Dialkoxy-Diimino Salen-like Ligands: Syntheses, Structures, and Use in Ring-Opening Polymerization of Cyclic Esters. Organometallics, 2008, 27, 5815-5825.	1.1	118
161	Highly active and stereoselective zirconium and hafnium alkoxide initiators for solvent-free ring-opening polymerization of rac-lactide. Chemical Communications, 2008, , 1293.	2.2	225
162	Crownâ€like macrocycle zinc complex derived from βâ€diketone ligand for the polymerization of racâ€lactide. Journal of Polymer Science Part A, 2008, 46, 643-649.	2.5	31
163	Polymers from Renewable Resources: A Perspective for a Special Issue of Polymer Reviews. Polymer Reviews, 2008, 48, 1-10.	5.3	808
164	Robust chiral zirconium alkoxide initiators for the room-temperature stereoselective ring-opening polymerisation of rac-lactide. Dalton Transactions, 2008, , 1437.	1.6	92
165	Functionalized polyesters from organocatalyzed ROP of gluOCA, the O-carboxyanhydride derived from glutamic acid. Chemical Communications, 2008, , 1786.	2.2	77
166	Synthesis of Al complexes containing phenoxy-imine ligands and their use as the catalyst precursors for efficient living ring-opening polymerisation of $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2008, , 3978.	1.6	78
167	Titanium and zirconium benzofuranoxides. Crystal structures and catalytic properties. Dalton Transactions, 2008, , 2620.	1.6	21
168	Synthesis, Reactivity, and Characterization of Sodium and Rare-Earth Metal Complexes Bearing a Dianionic $\langle i \rangle N \langle i \rangle$ -Aryloxo-Functionalized \hat{l}^2 -Ketoiminate Ligand. Inorganic Chemistry, 2008, 47, 9828-9835.	1.9	43
169	Complex Macromolecular Architectures Based on <i>n</i> -Hexyl Isocyanate and ϵ-Caprolactone Using Titanium-Mediated Coordination Polymerization. Macromolecules, 2008, 41, 2426-2438.	2.2	39

#	Article	IF	Citations
170	Discrete Heteroscorpionate Lithium and Zinc Alkyl Complexes. Synthesis, Structural Studies, and ROP of Cyclic Esters. Organometallics, 2008, 27, 1310-1321.	1.1	72
171	\hat{l}^2 -Diketiminate aluminium complexes: synthesis, characterization and ring-opening polymerization of cyclic esters. Dalton Transactions, 2008, , 3345.	1.6	120
172	Neutral Metallocene Ester Enolate and Non-Metallocene Alkoxy Complexes of Zirconium for Catalytic Ring-Opening Polymerization of Cyclic Esters. Organometallics, 2008, 27, 5632-5640.	1,1	45
173	Reconstruction of Anorganic Mammalian Bone by Surface-Initiated Polymerization of -Lactide.com/scp/lactide">scp>L /scp>-Lactide. Chemistry of Materials, 2008, 20, 5016-5022.	3.2	10
174	Complexities in the Ring-Opening Polymerization of Lactide by Chiral Salen Aluminum Initiators. Inorganic Chemistry, 2008, 47, 2613-2624.	1.9	146
175	The Reversible Amination of Tin(II)-Ligated Imines: Latent Initiators for the Polymerization of <i>rac</i> -Lactide. Inorganic Chemistry, 2008, 47, 5417-5424.	1.9	63
176	Rare-Earth Metal Complexes Supported by 1,ï‰-Dithiaalkanediyl-Bridged Bis(phenolato) Ligands: Synthesis, Structure, and Heteroselective Ring-Opening Polymerization of rac-Lactide. Inorganic Chemistry, 2008, 47, 3328-3339.	1.9	168
177	Poly(trimethylene carbonate) from Biometalsâ€Based Initiators/Catalysts: Highly Efficient Immortal Ringâ€Opening Polymerization Processes. Advanced Synthesis and Catalysis, 2009, 351, 1312-1324.	2.1	54
178	Lactide Polymerisation with Airâ€Stable and Highly Active Zinc Complexes with Guanidine–Pyridine Hybrid Ligands. Chemistry - A European Journal, 2009, 15, 2362-2376.	1.7	148
179	Chiral Salan Aluminium Ethyl Complexes and Their Application in Lactide Polymerization. Chemistry - A European Journal, 2009, 15, 9836-9845.	1.7	164
180	Synthesis, Characterization, and Catalytic Application of Aluminum Anilidoâ€Oxazolinate Complexes. European Journal of Inorganic Chemistry, 2009, 2009, 2129-2135.	1.0	29
181	Aluminum Complexes with BidentateN,N-Dialkylaniline-arylamido Ligands: Synthesis, Structures, and Catalytic Properties for Efficient Ring-Opening Polymerization of ϵ-Caprolactone. European Journal of Inorganic Chemistry, 2009, 2009, 3613-3621.	1.0	30
182	New Aryloxy and Benzyloxy Derivatives of Titanium as Catalysts for Bulk Ringâ€Opening Polymerization of ϵâ€Caprolactone and Î'â€Valerolactone. European Journal of Inorganic Chemistry, 2009, 2009, 2981-2993.	1.0	31
183	N,Oâ€chelate aluminum and zinc complexes: synthesis and catalysis in the ringâ€opening polymerization of εâ€caprolactone. Applied Organometallic Chemistry, 2009, 23, 9-18.	1.7	33
184	Synthesis, structure and catalytic behavior of yttrium complexes bearing a diaminobis(phenolate) ligand. Science Bulletin, 2009, 54, 3231-3236.	1.7	5
185	Ring-opening polymerization ofl-lactide with silica supported titanium alkoxide catalysts. Macromolecular Research, 2009, 17, 346-351.	1.0	10
186	Synthesis and Characterization of <i>β</i> êĐiketiminate Zinc Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 216-220.	0.6	19
187	Synthesis and Characterization of <i>β</i> êĐiketiminate Zinc Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 995-1000.	0.6	24

#	Article	IF	Citations
188	Synthesis and rheology of biodegradable poly(glycolic acid) prepared by melt ringâ€opening polymerization of glycolide. Journal of Polymer Science Part A, 2009, 47, 1440-1449.	2.5	36
189	Ringâ€opening polymerization of lactides initiated by magnesium and zinc complexes based on NNOâ€tridentate ketiminate ligands: Activity and stereoselectivity studies. Journal of Polymer Science Part A, 2009, 47, 2318-2329.	2.5	81
190	Tridentate anilidoâ€aldimine magnesium and zinc complexes as efficient catalysts for ringâ€opening polymerization of εâ€caprolactone and <scp>L</scp> â€lactide. Journal of Polymer Science Part A, 2009, 47, 4927-4936.	2.5	79
191	Zinc(II) complexes based on sterically hindered hydrotris(pyrazolyl)borate ligands: Synthesis, reactivity and solid-state structures. Inorganica Chimica Acta, 2009, 362, 4585-4592.	1.2	14
192	Heterobimetallic aluminium and zinc complex with N-arylanilido-imine ligand: Synthesis, structure and catalytic property for ring-opening polymerization of \hat{l}_{μ} -caprolactone. Polyhedron, 2009, 28, 2605-2610.	1.0	26
193	Ring-opening polymerization of six-membered cyclic esters catalyzed by tetrahydroborate complexes of rare earth metals. Polymer, 2009, 50, 4788-4793.	1.8	41
194	Mono(amidinate) rare earth metal bis(alkyl) complexes: Synthesis, structure and their activity for l-lactide polymerization. Journal of Organometallic Chemistry, 2009, 694, 1289-1296.	0.8	45
195	Melt–solid polycondensation of lactic acid and its biodegradability. Progress in Polymer Science, 2009, 34, 99-124.	11.8	295
196	Bridged Bis(amidinate) Ytterbium Alkoxide and Phenoxide: Syntheses, Structures, and Their High Activity for Controlled Polymerization of <scp>l</scp> -Lactide and ε-Caprolactone. Inorganic Chemistry, 2009, 48, 744-751.	1.9	89
197	Bidentate salicylaldiminato tin(ii) complexes and their use as lactide polymerisation initiators. Dalton Transactions, 2009, , 3710.	1.6	40
198	Novel Ti(iv) and Zr(iv) complexes and their application in the ring-opening polymerisation of cyclic esters. Dalton Transactions, 2009, , 9020.	1.6	58
199	Chemistry of BDI*M(2+) complexes (M = Mg, Zn) and their role in lactide polymerization where BDI* is the anion derived from methylenebis(C-tBu, N-2,6-diisopropylphenyl)imine BDI*H. Dalton Transactions, 2009, , 9237.	1.6	46
200	Synthesis and Structure of Neutral and Cationic Aluminum Complexes Supported by Bidentate O,P-Phosphinophenolate Ligands and Their Reactivity with Propylene Oxide and Îμ-Caprolactone. Organometallics, 2009, 28, 4584-4592.	1.1	92
201	Aluminum and Yttrium Complexes of an Unsymmetrical Mixed Fluorous Alkoxy/Phenoxy-Diimino Ligand: Synthesis, Structure, and Ring-Opening Polymerization Catalysis. Organometallics, 2009, 28, 1469-1475.	1.1	129
202	Preparation and characterization of bisphenolato magnesium derivatives: an efficient catalyst for the ring-opening polymerization of $\hat{l}\mu$ -caprolactone and L-lactide. Dalton Transactions, 2009, , 9906.	1.6	48
203	[Mg(μ-OÉt)(DBP)(H-TMG)] (sub>2, [Mg(μ-OBc)(DBP)(H-TMG)] (sub>2, [Mg(μ-TMBA)(DBP)(H-TMG)] (sub>2, [Mg(μ-DPP)(DBP)(H-TMG)] (sub>2, [Mg(BMP)(sub>2(H-TMG)(sub>2], [Mg(O-2.6-Ph ₂ C ₆ H ₃)(sub>2(H-TMG)(sub>2].	1.9	17
204	Inorganic Chemistry, 2009, 48, 3248-3256. Sulfonamide-Supported Group 4 Catalysts for the Ring-Opening Polymerization of Îμ-Caprolactone and rac-Lactide. Inorganic Chemistry, 2009, 48, 10442-10454.	1.9	86
205	Synthesis and structure of aluminium amine-phenolate complexes. Dalton Transactions, 2009, , 5551.	1.6	29

#	Article	IF	CITATIONS
206	Cerium(IV) Catalysts for the Ring-Opening Polymerization of Lactide. Inorganic Chemistry, 2009, 48, 4701-4706.	1.9	84
207	Sodium, magnesium and zinc complexes of mono(phenolate) heteroscorpionate ligands. Dalton Transactions, 2009, , 85-96.	1.6	67
208	Synthesis and coordination chemistry of $Tp < sup > C < / sup > MI complexes where M = Mg, Ca, Sr, Ba and Zn and Tp < sup > C < / sup > * = tris[3-(2-methoxy-1,1-dimethyl)pyrazolyl]hydroborate. Dalton Transactions, 2009, , 368-374.$	1.6	31
209	New Challenge for Classics: Neutral Zinc Complexes Stabilised by 2,2'-Bipyridine and 1,10-Phenanthroline and Their Application in the Ring-Opening Polymerisation of Lactide. Sustainability, 2009, 1, 1226-1239.	1.6	20
210	N-Heterocyclic Carbenes for the Organocatalytic Ring-Opening Polymerization of $\hat{l}\mu\text{-Caprolactone}.$ Macromolecules, 2009, 42, 1634-1639.	2.2	158
211	Yttrium Complexes Supported by Linked Bis(amide) Ligand: Synthesis, Structure, and Catalytic Activity in the Ring-Opening Polymerization of Cyclic Esters. Inorganic Chemistry, 2009, 48, 4258-4266.	1.9	112
212	Versatile catalytic systems based on complexes of zinc, magnesium and calcium supported by a bulky bis(morpholinomethyl)phenoxy ligand for the large-scale immortal ring-opening polymerisation of cyclic esters. Dalton Transactions, 2009, , 9820.	1.6	208
213	Magnesium and zinc complexes of functionalised, saturated N-heterocyclic carbene ligands: carbene lability and functionalisation, and lactide polymerisation catalysis. Dalton Transactions, 2009, , 7236.	1.6	115
214	Complexes of Mg, Ca and Zn as homogeneous catalysts for lactide polymerization. Dalton Transactions, 2009, , 4832.	1.6	418
215	Synthesis of Rare-Earth Metal Amides Bearing an Imidazolidine-Bridged Bis(phenolato) Ligand and Their Application in the Polymerization of <scp>I</scp> -Lactide. Inorganic Chemistry, 2009, 48, 5715-5724.	1.9	102
216	Polymerization of Lactide Using Achiral Bis(pyrrolidene) Schiff Base Aluminum Complexes. Macromolecules, 2009, 42, 1058-1066.	2.2	131
217	Zinc complexes of fluorous alkoxide-imino ligands: Synthesis, structure, and use in ring-opening polymerization of lactide and \hat{l}^2 -butyrolactone. Dalton Transactions, 2009, , 9010.	1.6	58
218	Amphiphilic Polyesters Derived from Silylated and Germylated Fatty Compounds. Biomacromolecules, 2009, 10, 850-857.	2.6	10
219	Magnesium complexes containing bis-amido-oxazolinate ligands as efficient catalysts for ring opening polymerisation of l-lactide. Dalton Transactions, 2009, , 9068.	1.6	56
220	Monomeric, Dimeric, and Trimeric Calcium Compounds Containing Substituted Pyrrolyl and Ketiminate Ligands: Synthesis and Structural Characterization. Inorganic Chemistry, 2009, 48, 8004-8011.	1.9	47
221	Synthesis and catalytic application of aluminium anilido-pyrazolate complexes. Dalton Transactions, 2009, , 9800.	1.6	41
222	Notable Effect of Fluoro Substituents in the Imino Group in Ring-Opening Polymerization of ε-Caprolactone by Al Complexes Containing Phenoxyimine Ligands. Organometallics, 2009, 28, 2179-2187.	1.1	106
223	Lipase-Catalyzed Ring-Opening Polymerization of the <i>O</i> Carboxylic Anhydride Derived from Lactic Acid. Biomacromolecules, 2009, 10, 3069-3073.	2.6	48

#	Article	IF	CITATIONS
224	Synthesis and structures of complexes with axially chiral isoquinolinyl-naphtholate ligands. Dalton Transactions, 2009, , 8667.	1.6	34
225	Synthesis and characterization of organoaluminum compounds containing quinolin-8-amine derivatives and their catalytic behaviour for ring-opening polymerization of ε-caprolactone. Dalton Transactions, 2009, , 9000.	1.6	69
226	Activated Zinc Complexes Supported by a Neutral, Phosphinimine-Containing Ligand: Synthesis and Efficacy for the Polymerization of Lactide. Organometallics, 2009, 28, 1282-1285.	1.1	91
228	Metal catalysts for Îμ-caprolactone polymerisation. Polymer Chemistry, 2010, 1, 801.	1.9	350
229	Zinc(II) Silsesquioxane Complexes and Their Application for the Ring-Opening Polymerization ofrac-Lactide. Inorganic Chemistry, 2010, 49, 10232-10234.	1.9	56
230	Metal Triflates as Highly Stable and Active Catalysts for the "Immortal―Ringâ€Opening Polymerization of Trimethylene Carbonate. ChemCatChem, 2010, 2, 306-313.	1.8	50
231	Iminophosphorane Neodymium(III) Complexes As Efficient Initiators for Lactide Polymerization. Organometallics, 2010, 29, 2892-2900.	1,1	74
232	From Limestone to Catalysis: Application of Calcium Compounds as Homogeneous Catalysts. Chemical Reviews, 2010, 110, 3852-3876.	23.0	547
233	The formulation of aptamer-coated paclitaxel–polylactide nanoconjugates and their targeting to cancer cells. Biomaterials, 2010, 31, 3043-3053.	5.7	120
234	Synthesis of lithium and aluminum complexes supported by $[OC(But)CHP(Ph2)=NBut]\hat{a}^{*}$ ligand and catalysis of $[R2Al\{OC(But)-CHP(Ph2)=NBut\}]$ (R = Me, Et) and $[Me2Al\{1-\{OC(Ph)CH\}-3-R1-5-MeC3HN2\}]$ (R1) Tj	E T @q1 1 0). 7 84314 rg
235	Synthesis and Characterization of Monomeric Salicylaldiminato Lanthanide Complexes and Their Catalytic Behavior for Polymerization of ϵâ€Caprolactone. Chinese Journal of Chemistry, 2003, 21, 442-445.	2.6	0
236	Oneâ€Pot Synthesis of Lactide–Styrene Diblock Copolymers via Catalytic Immortal Ringâ€Opening Polymerization of Lactide and Nitroxideâ€Mediated Polymerization of Styrene. ChemSusChem, 2010, 3, 579-590.	3.6	21
237	Synthesis, Characterization, and Catalytic Studies of (Aryloxido)magnesium Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 3602-3609.	1.0	33
238	Discrete, Base-Free, Cationic Alkaline-Earth Complexes - Access and Catalytic Activity in the Polymerization of Lactide. European Journal of Inorganic Chemistry, 2010, 2010, 3423-3428.	1.0	98
239	Bis(phosphinimino)methanide Borohydride Complexes of the Rareâ€Earth Elements as Initiators for the Ringâ€Opening Polymerization of εâ€Caprolactone: Combined Experimental and Computational Investigations. Chemistry - A European Journal, 2010, 16, 4629-4638.	1.7	65
240	Microstructure and mechanism study of polylactide obtained by the copolymerization of ⟨scp⟩L⟨ scp⟩â€ actide and ⟨scp⟩D,L⟨ scp⟩â€ actide. Journal of Applied Polymer Science, 2010, 115, 2955-2961.	1.3	11
241	New titanium and zirconium initiators for the production of polylactide. Polyhedron, 2010, 29, 697-700.	1.0	46
242	Poly l-lactide-layered double hydroxide nanocomposites via in situ polymerization of l-lactide. Polymer Degradation and Stability, 2010, 95, 2563-2573.	2.7	78

#	Article	IF	CITATIONS
243	Synthesis, characterization and biodegradation of poly(ester amide)s based hydrogels. Polymer, 2010, 51, 4200-4210.	1.8	35
244	Synthesis and characterization of biodegradable polylactides and polylactide-block-poly(Z-lysine) copolymers. Polymer, 2010, 51, 4329-4335.	1.8	26
245	Aryloxy and benzyloxy compounds of hafnium: Synthesis, structural characterization and studies on solvent-free ring-opening polymerization of \hat{l}_{μ} -caprolactone and \hat{l} -valerolactone. Polymer, 2010, 51, 4750-4759.	1.8	15
246	Synthesis of aluminium complexes bearing a piperazine-based ligand system. Journal of Organometallic Chemistry, 2010, 695, 170-176.	0.8	28
247	Magnesium, zinc, and calcium complexes based on tridentate nitrogen ligands: Syntheses, structures, and catalytic activities to the ring opening polymerization of rac-lactide. Journal of Organometallic Chemistry, 2010, 695, 1155-1162.	0.8	75
248	Zinc acetate as a catalyst for the bulk ring opening polymerization of cyclic esters and lactide. Journal of Molecular Catalysis A, 2010, 333, 167-172.	4.8	46
249	Synthesis, characterization and biodegradation of functionalized amino acid-based poly(ester amide)s. Biomaterials, 2010, 31, 3745-3754.	5.7	90
250	Controlled ringâ€opening polymerization of lactide by bisâ€sulfonamide/amine associations: Cooperative hydrogenâ€bonding catalysis. Journal of Polymer Science Part A, 2010, 48, 959-965.	2.5	38
251	Phosphidoâ€diphosphine pincer group 3 complexes as efficient initiators for lactide polymerization. Journal of Polymer Science Part A, 2010, 48, 1374-1382.	2.5	41
252	Magnesium complexes incorporated by sulfonate phenoxide ligands as efficient catalysts for ringâ€opening polymerization of εâ€caprolactone and trimethylene carbonate. Journal of Polymer Science Part A, 2010, 48, 3564-3572.	2.5	22
253	Ringâ€opening polymerization of βâ€butyrolactone catalyzed by efficient magnesium and zinc complexes derived from tridentate anilidoâ€aldimine ligand. Journal of Polymer Science Part A, 2010, 48, 5339-5347.	2.5	35
254	Ring-Opening Polymerisation of <i>rac</i> -Lactide Using a Calix[4]arene-Based Titanium (IV) Complex. International Journal of Polymer Science, 2010, 2010, 1-6.	1.2	16
255	Biorenewable Multiphase Polymers. MRS Bulletin, 2010, 35, 194-200.	1.7	12
256	Tracking the Structureâ€Reactivity Relationship of Zinc Guanidineâ€Pyridine Hybrid Complexes Initiating Lactide Polymerisation. Macromolecular Symposia, 2010, 296, 354-365.	0.4	12
257	Fascinating frontiers of N/O-functionalized N-heterocyclic carbene chemistry: from chemical catalysis to biomedical applications. Dalton Transactions, 2010, 39, 7183.	1.6	171
259	Synthesis and characterization of anionic rare-earth metal amides stabilized by phenoxy-amido ligands and their catalytic behavior for the polymerization of lactide. Dalton Transactions, 2010, 39, 9530.	1.6	34
260	Reactions of a \hat{l}^2 -diketiminate zinc hydride complex with heterocumulenes. Chemical Communications, 2010, 46, 7226.	2.2	52
261	Ring-opening polymerization of L-lactide using N-heterocyclic molecules: mechanistic, kinetics and DFT studies. Polymer Chemistry, 2010, 1, 1491.	1.9	43

#	Article	IF	CITATIONS
262	Synthesis and Structural Studies of Lithium and Sodium Complexes with OOO-Tridentate Bis(phenolate) Ligands: Effective Catalysts for the Ring-Opening Polymerization of <scp>I</scp> -Lactide. Inorganic Chemistry, 2010, 49, 9416-9425.	1.9	74
263	Controlled synthesis of mononuclear or binuclear aryloxo ytterbium complexes supported by \hat{l}^2 -diketiminate ligand and their activity for polymerization of $\hat{l}\mu$ -caprolactone and L-lactide. Dalton Transactions, 2010, 39, 6877.	1.6	29
264	Synthesis and characterization of amine bridged bis(phenolate) lanthanide aryloxides and their application in the polymerization of lactide. Dalton Transactions, 2010, 39, 6832.	1.6	86
265	Group 4 Salalen Complexes and Their Application for the Ring-Opening Polymerization of <i>rac</i> -Lactide. Inorganic Chemistry, 2010, 49, 7176-7181.	1.9	81
266	Reverse orders of reactivities in the polymerization of cyclic esters using N ₂ O ₂ aluminium alkoxide complexes. Dalton Transactions, 2010, 39, 1865-1871.	1.6	47
267	Carbonylative Polymerization of Propylene Oxide: A Multicatalytic Approach to the Synthesis of Poly(3-Hydroxybutyrate). Journal of the American Chemical Society, 2010, 132, 11412-11413.	6.6	74
268	Organo-Catalyzed Ring Opening Polymerization of a 1,4-Dioxane-2,5-dione Deriving from Glutamic Acid. Biomacromolecules, 2010, 11, 1921-1929.	2.6	56
269	Low-coordinate rare-earth complexes of the asymmetric 2,4-di-tert-butylphenolate ligand prepared by redox transmetallation/protolysis reactions, and their reactivity towards ring-opening polymerisation. Dalton Transactions, 2010, 39, 6693.	1.6	24
270	Group 3 metal complexes supported by tridentate pyridine- and thiophene-linked bis (naphtholate) ligands: synthesis, structure, and use in stereoselective ring-opening polymerization of racemic lactide and $\hat{1}^2$ -butyrolactone. Dalton Transactions, 2010, 39, 6739.	1.6	66
271	Synthesis and structural characterization of well-defined anionic aluminium alkoxide complexes supported by NON-type diamido ether tridentate ligands and their use for the controlled ROP of lactide. Dalton Transactions, 2010, 39, 533-540.	1.6	51
272	Controlled Synthesis of Camptothecinâ^'Polylactide Conjugates and Nanoconjugates. Bioconjugate Chemistry, 2010, 21, 111-121.	1.8	62
273	High Molecular Weight Poly(α,α′,β-trisubstituted β-lactones) As Generated by Metal-Free Phosphazene Catalysts Macromolecules, 2010, 43, 10291-10296.	2.2	43
274	Preparation of Sodium-Capped Poly(lactic acid) Oligomers by Catalytic Initiation with a Sodium \hat{l}_{\pm} -, \hat{l}_{\pm} -, or \hat{l}_{\pm} -Hydroxyacids. Macromolecules, 2010, 43, 185-192.	2.2	8
275	Mechanistic Study of the Stereoselective Polymerization ofd,l-Lactide Using Indium(III) Halides. Journal of the American Chemical Society, 2010, 132, 11649-11657.	6.6	140
276	Synthesis and Organocatalytic Ring-Opening Polymerization of Cyclic Esters Derived from <scp>I</scp> -Malic Acid. Biomacromolecules, 2010, 11, 1930-1939.	2.6	63
277	Organocatalysis: Opportunities and Challenges for Polymer Synthesis. Macromolecules, 2010, 43, 2093-2107.	2.2	793
278	Stereoselective Ring-Opening Polymerization of <i>rac</i> -Lactides Catalyzed by Chiral and Achiral Aluminum Half-Salen Complexes. Organometallics, 2010, 29, 5627-5634.	1.1	130
279	Ring-Opening Polymerization of Lactides Catalyzed by Natural Amino-Acid Based Zinc Catalysts. Inorganic Chemistry, 2010, 49, 2360-2371.	1.9	177

#	Article	IF	CITATIONS
280	Ligand Variations in New Sulfonamide-Supported Group 4 Ring-Opening Polymerization Catalysts. Organometallics, 2010, 29, 4171-4188.	1.1	73
281	Hybrid Scorpionate/Cyclopentadienyl Magnesium and Zinc Complexes: Synthesis, Coordination Chemistry, and Ring-Opening Polymerization Studies on Cyclic Esters. Inorganic Chemistry, 2010, 49, 2859-2871.	1.9	80
282	Aluminum Complexes of Fluorinated \hat{I}^2 -Diketonate Ligands: Syntheses, Structures, Intramolecular Reduction, and Use in Ring-Opening Polymerization of Lactide. Organometallics, 2010, 29, 491-500.	1.1	79
283	Ring-Opening Polymerization of <i>rac</i> -Lactide by Bis(phenolate)amine-Supported Samarium Borohydride Complexes: An Experimental and DFT Study. Organometallics, 2010, 29, 3602-3621.	1.1	151
284	Synthesis and Structural Studies of Heterobimetallic Alkoxide Complexes Supported by Bis(phenolate) Ligands: Efficient Catalysts for Ring-Opening Polymerization of <scp>I</scp> -Lactide. Inorganic Chemistry, 2010, 49, 665-674.	1.9	92
285	Bis(imino)phenoxide complexes of zirconium: synthesis, structural characterization and solvent-free ring-opening polymerization of cyclic esters and lactides. Dalton Transactions, 2010, 39, 5091.	1.6	34
286	Heterogeneous Initiators for Sustainable Polymerization Processes. Catalysis By Metal Complexes, 2010, , 385-412.	0.6	5
287	Ring-Opening Polymerization of ε-Caprolactone Catalyzed by Sulfonic Acids: Computational Evidence for Bifunctional Activation. Journal of Organic Chemistry, 2010, 75, 6581-6587.	1.7	98
288	Thorium 2-pyridylamidinates: synthesis, structure and catalytic activity towards the cyclo-oligomerization of \hat{l}_{μ} -caprolactone. Dalton Transactions, 2010, 39, 6667.	1.6	39
289	Mechanism and Stereoselection in a Y-Catalyzed Transacylation Reaction. A Computational Modeling Study. Journal of Organic Chemistry, 2010, 75, 2369-2381.	1.7	6
290	Stereoselective Polymerization of <i>meso</i> -Lactide: Syndiotactic Polylactide by Heteroselective Initiators Based on Trivalent Metals. Macromolecules, 2010, 43, 10201-10203.	2.2	81
291	Metal-catalyzed immortal ring-opening polymerization of lactones, lactides and cyclic carbonates. Dalton Transactions, 2010, 39, 8363.	1.6	449
292	Dicationic and zwitterionic catalysts for the amine-initiated, immortal ring-opening polymerisation of rac-lactide: facile synthesis of amine-terminated, highly heterotactic PLA. Chemical Communications, 2010, 46, 273-275.	2.2	132
294	Reactions of aromatic N-heterocycles with a lutetium benzyl complex supported by a ferrocene-diamide ligand. Dalton Transactions, 2010, 39, 6726.	1.6	22
295	Amido phosphine complexes of zinc: synthesis, structure, and catalytic ring-opening polymerization of \hat{l}_{μ} -caprolactone. Dalton Transactions, 2010, 39, 8748.	1.6	40
296	Cationic organozinc complexes of a bis(phosphinimine) pincer ligand: synthesis, structural and polymerization studies. Dalton Transactions, 2010, 39, 3861.	1.6	63
297	Lanthanide Alkyl Complexes Supported by a Piperazidine-Bridged Bis(phenolato) Ligand: Synthesis, Structural Characterization, and Catalysis for the Polymerization of <scp>l</scp> -Lactide and <i>rac</i> -Lactide. Organometallics, 2010, 29, 3507-3514.	1.1	73
298	Synthesis and characterisation of alkylaluminium benzimidazolates and their use in the ring-opening polymerisation of ε-caprolactone. Dalton Transactions, 2010, 39, 9912.	1.6	56

#	Article	IF	CITATIONS
299	Silver(i) and copper(i) complexes supported by fully fluorinated 1,3,5-triazapentadienyl ligands. Dalton Transactions, 2011, 40, 8569.	1.6	24
300	Dimethylaluminium iminophosphoranylenamides and iminophosphoranylanilides: Synthesis, characterisation, and their controlled ring-opening polymerisation of $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2011, 40, 4669.	1.6	28
301	Design of a magnesium-pridinolum complex for polylactide–drug conjugates formation. Dalton Transactions, 2011, 40, 12660.	1.6	7
302	Synthesis of high-molecular-weight poly(ε-caprolactone) catalyzed by highly active bis(amidinate) tin(<scp>ii</scp>) complexes. Dalton Transactions, 2011, 40, 2157-2159.	1.6	34
303	Bimetallic aluminum alkyl complexes as highly active initiators for the polymerization of $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2011, 40, 11378.	1.6	69
304	X-Ray crystal structure of a heterobimetallic Al–Zn-oxide complex. Chemical Communications, 2011, 47, 2676.	2.2	23
305	Phosphoric and phosphoramidic acids as bifunctional catalysts for the ring-opening polymerization of $\hat{l}\mu$ -caprolactone: a combined experimental and theoretical study. Polymer Chemistry, 2011, 2, 2249.	1.9	98
306	Synthesis and characterization of silver(i) adducts supported solely by 1,3,5-triazapentadienyl ligands or by triazapentadienyl and other N-donors. Dalton Transactions, 2011, 40, 10351.	1.6	13
307	Group 4 metal initiators for the controlled stereoselective polymerization of lactide monomers. Chemical Communications, 2011, 47, 4796.	2.2	67
308	Synthesis and characterisation of aluminium(iii) and tin(ii) complexes bearing quinoline-based N,N,O-tridentate ligands and their catalysis in the ring-opening polymerisation of $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2011, 40, 1778.	1.6	51
309	Structural and catalytic studies of zinc complexes containing amido-oxazolinate ligands. Dalton Transactions, 2011, 40, 12886.	1.6	26
310	Salalen aluminium complexes and their exploitation for the ring opening polymerisation of rac-lactide. Dalton Transactions, 2011, 40, 11469.	1.6	103
311	Synthesis and Characterization of Dialkylaluminum Amidates and Their Ring-Opening Polymerization of $\hat{l}\mu$ -Caprolactone. Organometallics, 2011, 30, 6253-6261.	1.1	41
312	Bis(phosphinic)diamido Yttrium Amide, Alkoxide, and Aryloxide Complexes: An Evaluation of Lactide Ring-Opening Polymerization Initiator Efficiency. Inorganic Chemistry, 2011, 50, 7718-7728.	1.9	69
313	Activation of Carbodiimide and Transformation with Amine to Guanidinate Group by Ln(OAr) ₃ (THF) ₂ (Ln: Lanthanide and Yttrium) and Ln(OAr) ₃ (THF) ₂ as a Novel Precatalyst for Addition of Amines to Carbodiimides: Influence of Aryloxide Group. Inorganic Chemistry, 2011, 50, 3729-3737.	1.9	63
314	Discrete, Solvent-Free Alkaline-Earth Metal Cations: Metal···Fluorine Interactions and ROP Catalytic Activity. Journal of the American Chemical Society, 2011, 133, 9069-9087.	6.6	202
315	Group 4 initiators for the stereoselective ROP of rac- \hat{l}^2 -butyrolactone and its copolymerization with rac-lactide. Chemical Communications, 2011, 47, 12328.	2.2	59
316	Controlled polymerisation of lactide using an organo-catalyst in supercritical carbon dioxide. Green Chemistry, 2011, 13, 2032.	4.6	28

#	Article	IF	CITATIONS
317	Theoretical Study on the Ring-Opening Polymerization of $\hat{l}\mu$ -Caprolactone by [YMeX(THF) ₅] ⁺ with X = BH ₄ , NMe ₂ . Organometallics, 2011, 30, 1326-1333.	1.1	22
318	A Strategy for Control of "Random―Copolymerization of Lactide and Glycolide: Application to Synthesis of PEG- <i>b</i> -PLGA Block Polymers Having Narrow Dispersity. Macromolecules, 2011, 44, 7132-7140.	2.2	109
319	Synthesis, characterization and catalytic activity of magnesium and zinc aminophenoxide complexes: Catalysts for ring-opening polymerization of l-lactide. Dalton Transactions, 2011, 40, 9601.	1.6	39
320	Zinc and magnesium complexes supported by bulky multidentate amino-ether phenolate ligands: potent pre-catalysts for the immortalring-opening polymerisation of cyclic esters. Dalton Transactions, 2011, 40, 523-534.	1.6	111
321	Heterobimetallic Samarium(III) and Titanium(IV) Complexes with Bifunctional Catalytic Properties. Organometallics, 2011, 30, 1283-1286.	1.1	19
322	Controlled stereoselective polymerization of lactide monomers by group 4 metal initiators that contain an (OSSO)-type tetradentate bis(phenolate) ligand. Polymer Chemistry, 2011, 2, 2378.	1.9	55
325	Polyamine-Stabilized Sodium Aryloxides: Simple Initiators for the Ring-Opening Polymerization of <i>rac</i> -Lactide. Inorganic Chemistry, 2011, 50, 3589-3595.	1.9	75
326	Sulfonamide, Phenolate, and Directing Ligand-Free Indium Initiators for the Ring-Opening Polymerization of <i>rac</i> -Lactide. Organometallics, 2011, 30, 1202-1214.	1.1	79
327	Zinc and Aluminum Complexes Supported by Quinoline-Based N,N,N-Chelate Ligands: Synthesis, Characterization, and Catalysis in the Ring-Opening Polymerization of ε-Caprolactone and <i>rac</i> -Lactide. Organometallics, 2011, 30, 4364-4373.	1.1	66
328	A dual organic/organometallic approach for catalytic ring-opening polymerization. Chemical Communications, 2011, 47, 9828.	2.2	66
329	Group 4 salalen complexes for the production and degradation of polylactide. Chemical Communications, 2011, 47, 10004.	2.2	115
330	Cationic and charge-neutral calcium tetrahydroborate complexes and their use in the controlled ring-opening polymerisation of rac-lactide. Chemical Communications, 2011, 47, 2276-2278.	2.2	135
331	Methylaluminium 8-quinolinolates: synthesis, characterization and use in ring-opening polymerization (ROP) of $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2011, 40, 2645.	1.6	61
332	Copper acetate catalyzed bulk ring opening polymerization of lactides. Journal of Molecular Catalysis A, 2011, 349, 86-93.	4.8	29
333	Controlled hydrolysis of [Ti(O-2,4,6-Br3C6H2)2(O-iPr)2]2: Synthesis, structural characterization and studies on bulk polymerization of cyclic esters and lactide. Inorganic Chemistry Communication, 2011, 14, 1777-1782.	1.8	17
334	Initiators for the stereoselective ring-opening polymerization of meso-lactide. Polymer Chemistry, 2011, 2, 2758.	1.9	133
335	Synthesis, characterization and catalytic activity of Salen–(sodium)2 and (Salen)2–lanthanum–sodium complexes. Inorganica Chimica Acta, 2011, 373, 219-225.	1.2	20
336	High molecular weight poly (<scp>L</scp> â€lactic acid) clay nanocomposites via solidâ€state polymerization. Polymer Composites, 2011, 32, 497-509.	2.3	15

#	Article	IF	CITATIONS
337	Ringâ€opening polymerization of cyclic esters promoted by phosphidoâ€diphosphine pincer group 3 complexes. Journal of Polymer Science Part A, 2011, 49, 403-413.	2.5	42
338	Efficient catalysts for ringâ€opening polymerization of εâ€caprolactone and βâ€butyrolactone: Synthesis and characterization of zinc complexes based on benzotriazole phenoxide ligands. Journal of Polymer Science Part A, 2011, 49, 4027-4036.	2.5	32
339	Metal atalyzed Synthesis of Alternating Copolymers. Macromolecular Rapid Communications, 2011, 32, 169-185.	2.0	106
340	Synthesis, Structure, and Ringâ€Opening Polymerization Catalysis of Zinc Complexes Containing Amido Phosphinimine Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 2948-2957.	1.0	14
341	Homopiperazine and Piperazine Complexes of ZrIV and HfIV and Their Application to the Ring-Opening Polymerisation of Lactide. European Journal of Inorganic Chemistry, 2011, 2011, 4596-4602.	1.0	31
342	Synthesis of ferroceneâ€containing <i>N</i> à€aryloxo βâ€ketoiminate lanthanide complexes and polymerization of εâ€caprolactone. Applied Organometallic Chemistry, 2011, 25, 464-469.	1.7	19
343	Heteroscorpionate Rareâ€Earth Metal Zwitterionic Complexes: Syntheses, Characterization, and Heteroselective Catalysis on the Ringâ€Opening Polymerization of ⟨i⟩rac⟨/i⟩â€Lactide. Chemistry - A European Journal, 2011, 17, 11520-11526.	1.7	56
344	Reactions of 4-methylidene-bis(1-phenyl-3-methylpyrazol-5-one) with trimethylaluminum: Synthesis, structure and catalysis for the ring-opening polymerization of $\hat{l}\mu$ -caprolactone. Inorganic Chemistry Communication, 2011, 14, 271-275.	1.8	13
345	Synthesis and structural characterization of zinc complexes supported by amino-benzotriazole phenoxide ligands: Efficient catalysts for ring-opening polymerization of $\hat{l}\mu$ -caprolactone and \hat{l}^2 -butyrolactone. Inorganic Chemistry Communication, 2011, 14, 1140-1144.	1,8	23
346	Polylactides with aldaric ester end groups or chain extending groups. Comptes Rendus Chimie, 2011, 14, 736-744.	0.2	2
347	Aryloxy and benzyloxy compounds of zirconium: Synthesis, structural characterization and studies on solvent-free ring-opening polymerization of Éx-caprolactone and Îx-valerolactone. Journal of Organometallic Chemistry, 2011, 696, 572-580.	0.8	19
348	Synthesis and characterization of aluminum and zinc complexes supported by pyrrole-based ligands and catalysis of the aluminum complexes toward the ring-opening polymerization of É>-caprolactone. Journal of Organometallic Chemistry, 2011, 696, 2746-2753.	0.8	23
349	Synthesis of well-defined star-branched polymers by stepwise iterative methodology using living anionic polymerization. Progress in Polymer Science, 2011, 36, 323-375.	11.8	177
350	Synthesis and X-ray crystal structure of dichloro[S-1-phenyl-N-(S-pyrrolidin-2-ylmethyl)ethanamine]zinc(II) and its catalytic application to rac-lactide polymerization. Polyhedron, 2011, 30, 405-409.	1.0	22
352	Synthesis of Rare Earth Catalyst LLa[N(TMS) ₂ -2-HO-C ₆ H ₂ CH-NH-C <sub <i="" and="" behavior="" catalytic="" for="" of="" polymerization="">RacLactide. Applied Mechanics and Materials, 2012, 184-185, 1302-1306.</sub>)>5	H ₄
353	Aluminum Methyl and Chloro Complexes Bearing Monoanionic Aminephenolate Ligands: Synthesis, Characterization, and Use in Polymerizations. Organometallics, 2012, 31, 8145-8158.	1.1	56
354	Alkoxides of group 4 metals containing the bis(imino)phenoxide ligand: synthesis, structural characterization and polymerization studies. RSC Advances, 2012, 2, 307-318.	1.7	36
355	Dimethylaluminium aldiminophenolates: synthesis, characterization and ring-opening polymerization behavior towards lactides. Dalton Transactions, 2012, 41, 11587.	1.6	71

#	Article	IF	CITATIONS
356	Synthesis of cyclic polylactide catalysed by bis(salicylaldiminato)tin(ii) complexes. Dalton Transactions, 2012, 41, 12704.	1.6	42
359	Initiation of ring-opening polymerization of lactide: The effect of metal alkoxide catalyst. Computational and Theoretical Chemistry, 2012, 995, 8-16.	1.1	24
360	Aluminum, calcium and zinc complexes supported by potentially tridentate iminophenolate ligands: synthesis and use in the ringâ€opening polymerization of lactide. Applied Organometallic Chemistry, 2012, 26, 681-688.	1.7	27
361	Synthesis and structural characterization of novel cyclam-based zirconium complexes and their use in the controlled ROP of rac-lactide: access to cyclam-functionalized polylactide materials. Dalton Transactions, 2012, 41, 14288.	1.6	26
362	Magnesium complexes supported by pyrrolyl ligands: syntheses, characterizations, and catalytic activities towards the polymerization of \hat{l}_{μ} -caprolactone. RSC Advances, 2012, 2, 3451.	1.7	16
363	Highly active zinc alkyl cations for the controlled and immortal ring-opening polymerization of $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2012, 41, 3377.	1.6	55
364	Synthesis of mono(guanidinate) rare earth metal bis(amide) complexes and their performance in the ring-opening polymerization of l-lactide and rac-lactide. New Journal of Chemistry, 2012, 36, 933.	1.4	27
365	Phenoxy-Thioether Aluminum Complexes as $\hat{l}\mu$ -Caprolactone and Lactide Polymerization Catalysts. Organometallics, 2012, 31, 5551-5560.	1.1	81
366	Aluminum Complexes of Bidentate Fluorinated Alkoxy-Imino Ligands: Syntheses, Structures, and Use in Ring-Opening Polymerization of Cyclic Esters. Organometallics, 2012, 31, 1458-1466.	1.1	69
367	Preparation and Characterization of Aluminum Alkoxides Coordinated on salen-Type Ligands: Highly Stereoselective Ring-Opening Polymerization of <i>rac</i> -Lactide. Organometallics, 2012, 31, 2016-2025.	1.1	165
368	Preparation and Structure of Iminopyrrolyl and Amidopyrrolyl Complexes of Group 2 Metals. Organometallics, 2012, 31, 2268-2274.	1.1	35
369	From a Cycloheptatrienylzirconium Allyl Complex to a Cycloheptatrienylzirconium Imidazolin-2-iminato "Pogo Stick―Complex with Imido-Type Reactivity. Inorganic Chemistry, 2012, 51, 4368-4378.	1.9	55
370	Chloroyttrium 2-(1-(Arylimino)alkyl)quinolin-8-olate Complexes: Synthesis, Characterization, and Catalysis of the Ring-Opening Polymerization of ε-Caprolactone. Organometallics, 2012, 31, 8178-8188.	1.1	37
371	Mechanism of Living Lactide Polymerization by Dinuclear Indium Catalysts and Its Impact on Isoselectivity. Journal of the American Chemical Society, 2012, 134, 12758-12773.	6.6	170
372	Ligand-Free Magnesium Catalyst System: Immortal Polymerization of <scp>l</scp> -Lactide with High Catalyst Efficiency and Structure of Active Intermediates. Macromolecules, 2012, 45, 6957-6965.	2.2	75
373	Anilidopyridyl-Pyrrolide and Anilidopyridyl-Indolide Group 3 Metal Complexes: Highly Active Initiators for the Ring-Opening Polymerization of <i>rac</i> -Lactide. Organometallics, 2012, 31, 1180-1188.	1.1	47
374	Dual Catalyst System for Asymmetric Alternating Copolymerization of Carbon Dioxide and Cyclohexene Oxide with Chiral Aluminum Complexes: Lewis Base as Catalyst Activator and Lewis Acid as Monomer Activator. Macromolecules, 2012, 45, 8172-8192.	2.2	85
375	Mono-aluminum, di-magnesium and tri-zinc complexes supported by bisphenolate ligand: Synthesis, characterization and catalytic studies for ring-opening polymerization of cyclic esters. Journal of Organometallic Chemistry, 2012, 716, 175-181.	0.8	16

#	Article	IF	CITATIONS
376	Synthesis and characterization of aluminum complexes based on aminoâ€benzotriazole phenoxide ligand: luminescent properties and catalysis for ringâ€opening polymerization. Applied Organometallic Chemistry, 2012, 26, 518-527.	1.7	18
377	Studies of the Electronic Properties of Nâ€Heterocyclic Carbene Ligands in the Context of Homogeneous Catalysis and Bioorganometallic Chemistry. European Journal of Inorganic Chemistry, 2012, 2012, 3955-3969.	1.0	69
378	Zinc and magnesium complexes incorporated by bis(amine) benzotriazole phenoxide ligand: Synthesis, characterization, photoluminescent properties and catalysis for ring-opening polymerization of lactide. Dalton Transactions, 2012, 41, 953-961.	1.6	79
379	Synthesis and characterization of multi-armed calixarene- and resorcinarene-core polylactide star polymers. Polymer Chemistry, 2012, 3, 2070.	1.9	29
380	Trimetallic magnesium complexes bearing amine-bis(benzotriazole phenolate) derivatives as bifunctional catalysts for ring-opening polymerization and CO2/epoxide coupling. Chemical Communications, 2012, 48, 9628.	2.2	40
381	Highly heteroselective ring-opening polymerization of racemic lactide initiated by divalent ytterbium complexes bearing amino bis(phenolate) ligands. Chemical Communications, 2012, 48, 9780.	2.2	54
382	ROP of Cyclic Esters. Mechanisms of Ionic and Coordination Processes. , 2012, , 213-246.		15
383	Al(iii)–homopiperazine complexes and their exploitation for the production of polyesters. New Journal of Chemistry, 2012, 36, 1891.	1.4	12
384	Stereoselective Synthesis of Biphenolate/Binaphtolate Titanate and Zirconate Alkoxide Species: Structural Characterization and Use in the Controlled ROP of Lactide. Inorganic Chemistry, 2012, 51, 10876-10883.	1.9	34
385	Organoaluminum Species in Homogeneous Polymerization Catalysis. Topics in Organometallic Chemistry, 2012, , 125-171.	0.7	75
386	Zinc complexes supported by claw-type aminophenolate ligands: synthesis, characterization and catalysis in the ring-opening polymerization of rac-lactide. Dalton Transactions, 2012, 41, 3266.	1.6	81
387	Trimetallic yttrium N-(2-methylquinolin-8-yl)benzamides: synthesis, structure and use in ring-opening polymerization (ROP) of Îμ-caprolactone. New Journal of Chemistry, 2012, 36, 2392.	1.4	20
388	Triblock copolymers from lactide and telechelic poly(cyclohexene carbonate). Polymer Chemistry, 2012, 3, 1196.	1.9	113
389	ï‰-Pentandecalactone Polymerization and ï‰-Pentadecalactone/l̂μ-Caprolactone Copolymerization Reactions Using Organic Catalysts. Macromolecules, 2012, 45, 3356-3366.	2.2	127
390	Synthesis, Characterization, and Lactide Polymerization Activity of Group 4 Metal Complexes Containing Two Bis(phenolate) Ligands. Inorganic Chemistry, 2012, 51, 5764-5770.	1.9	47
391	Random Copolymerization of ε-Caprolactone and Lactides Promoted by Pyrrolylpyridylamido Aluminum Complexes. Macromolecules, 2012, 45, 8614-8620.	2.2	94
392	Stereoselective ringâ€opening polymerization of <scp>D,L</scp> â€lactide, initiated by aluminum isopropoxides bearing tridentate nonchiral schiffâ€base ligands. Journal of Polymer Science Part A, 2012, 50, 957-966.	2.5	39
393	Control of thermal properties and hydrolytic degradation in poly(lactic acid) polymer stars through control of isospecificity of polymer arms. Journal of Polymer Science Part A, 2012, 50, 1477-1484.	2.5	21

#	Article	IF	CITATIONS
394	Indium Complexes of Fluorinated Dialkoxy-Diimino Salen-like Ligands for Ring-Opening Polymerization of <i>rac</i> -Lactide: How Does Indium Compare to Aluminum?. Organometallics, 2012, 31, 1448-1457.	1.1	87
395	Effect of the Nitrogen Substituent on the Reactions of Alane towards Imino―and Aminophenols: Generation of a Dinuclear Aluminoxane. European Journal of Inorganic Chemistry, 2012, 2012, 3611-3617.	1.0	3
396	Synthesis and Structures of Tridentate Ketoiminate Zinc Complexes That Act As <scp>l</scp> -Lactide Ring-Opening Polymerization Catalysts. Organometallics, 2012, 31, 4133-4141.	1.1	79
397	Magnesium and Zinc Complexes Supported by <i>N</i> , <i>O</i> -Bidentate Pyridyl Functionalized Alkoxy Ligands: Synthesis and Immortal ROP of Îμ-CL and <scp>I</scp> -LA. Organometallics, 2012, 31, 4182-4190.	1.1	98
398	A stereocomplex of poly(lactide)s with chain end modification: simultaneous resistances to melting and thermal decomposition. Chemical Communications, 2012, 48, 8478.	2.2	39
399	Groupâ€3 Metal Initiators with an [OSSO]â€Type Bis(phenolate) Ligand for the Stereoselective Polymerization of Lactide Monomers. Chemistry - an Asian Journal, 2012, 7, 1320-1330.	1.7	27
400	Heteroleptic Silylamido Phenolate Complexes of Calcium and the Larger Alkaline Earth Metals: βâ€Agostic Aeâ‹â‹SiïŁ}H Stabilization and Activity in the Ringâ€Opening Polymerization of ⟨scp⟩L⟨/scp⟩â€Lactide. C - A European Journal, 2012, 18, 6289-6301.	heimistry	81
401	Discrete Cationic Zinc and Magnesium Complexes for Dual Organic/Organometallicâ€Catalyzed Ringâ€Opening Polymerization of Trimethylene Carbonate. Chemistry - A European Journal, 2012, 18, 9360-9370.	1.7	58
402	Aluminum Complexes Stabilized by Piperazidineâ€Bridged Bis(phenolate) Ligands: Syntheses, Structures, and Application in the Ringâ€Opening Polymerization of ⟨i⟩ε⟨/i⟩â€Caprolactone. Chinese Journal of Chemistry, 2012, 30, 609-615.	2.6	10
403	Roles of Monomer Binding and Alkoxide Nucleophilicity in Aluminum-Catalyzed Polymerization of ε - Caprolactone. Macromolecules, 2012, 45, 5387-5396.	2.2	73
404	Zinc Complexes Supported by Maltolato Ligands: Synthesis, Structure, Solution Behavior, and Application in Ring-Opening Polymerization of Lactides. Organometallics, 2012, 31, 4755-4762.	1.1	43
405	Synthesis and Characterization of Lanthanide Amides Bearing Aminophenoxy Ligands and Their Catalytic Activity for the Polymerization of Lactides. Organometallics, 2012, 31, 3138-3148.	1.1	31
406	Control of Conformations of Piperazidine-Bridged Bis(phenolato) Groups: Syntheses and Structures of Bimetallic and Monometallic Lanthanide Amides and Their Application in the Polymerization of Lactides. Organometallics, 2012, 31, 3499-3511.	1.1	57
407	Well-defined, solvent-free cationic barium complexes: Synthetic strategies and catalytic activity in the ring-opening polymerization of lactide. Inorganica Chimica Acta, 2012, 380, 2-13.	1.2	34
408	Lanthanide borohydrides supported by an ansa-bis(amidinate) ligand with a rigid naphthalene linker: Synthesis, structure and catalytic activity in ring-opening polymerization of lactide. Inorganica Chimica Acta, 2012, 383, 137-142.	1.2	33
409	Synthesis and structural characterization of aluminum complexes supported by NNO-tridentate ketiminate ligands: Efficient catalysts for ring-opening polymerization of l-lactide. Inorganic Chemistry Communication, 2012, 18, 38-42.	1.8	27
410	Synthesis and structural characterization of magnesium complexes bearing benzotriazole phenoxide ligands: Photoluminescent properties and catalytic studies for ring-opening polymerization of l-lactide. Inorganic Chemistry Communication, 2012, 20, 60-65.	1.8	25
411	Synthesis, structure and properties of poly(L-lactide-co-caprolactone) statistical copolymers. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 9, 100-112.	1.5	162

#	Article	IF	CITATIONS
412	Synthetic and Mechanistic Aspects of the Immortal Ringâ€Opening Polymerization of Lactide and Trimethylene Carbonate with New Homo―and Heteroleptic Tin(II)â€Phenolate Catalysts. Chemistry - A European Journal, 2012, 18, 2998-3013.	1.7	74
413	Coordination Chemistry and Reactivity of Zinc Complexes Supported by a Phosphido Pincer Ligand. Chemistry - A European Journal, 2012, 18, 2349-2360.	1.7	69
414	Ring-opening polymerization of $\hat{l}\mu$ -caprolactone, \hat{l}^2 -butyrolactone and lactides by \hat{l}^2 -ketiminate pyrazolonate zinc complexes: Preparation and characterization. Inorganic Chemistry Communication, 2013, 35, 247-251.	1.8	21
415	Synthesis and characterization of samarium bis(phenolate) complexes and their catalytic activity for the polymerization of l-lactide. Polyhedron, 2013, 61, 218-224.	1.0	8
416	Aluminum complexes of bidentate phenoxy-amine ligands: Synthesis, characterization and catalysis in ring-opening polymerization of cyclic esters. Journal of Organometallic Chemistry, 2013, 731, 23-28.	0.8	17
417	Alkali aminoether-phenolate complexes: synthesis, structural characterization and evidence for an activated monomer ROP mechanism. Dalton Transactions, 2013, 42, 9361.	1.6	68
418	Phenolate Substituent Effects on Ring-Opening Polymerization of $\hat{l}\mu$ -Caprolactone by Aluminum Complexes Bearing 2-(Phenyl-2-olate)-6-(1-amidoalkyl)pyridine Pincers. Organometallics, 2013, 32, 249-259.	1.1	31
419	Ring-Opening Polymerization with Zn(C ₆ F ₅) ₂ -Based Lewis Pairs: Original and Efficient Approach to Cyclic Polyesters. Journal of the American Chemical Society, 2013, 135, 13306-13309.	6.6	165
420	Amidophosphine–Borane Complexes of Alkali Metals and the Heavier Alkaline-Earth Metals: Syntheses and Structural Studies. Organometallics, 2013, 32, 4473-4482.	1.1	23
421	Synthesis and enzymatic degradation of poly(ε-caprolactone-co-ethylene carbonate-co-ethylene oxide) copolymer. Polymer Bulletin, 2013, 70, 467-478.	1.7	11
422	Acidic ionic liquids catalyst in homo and graft polymerization of $\hat{l}\mu\text{-caprolactone}.$ Colloid and Polymer Science, 2013, 291, 1999-2005.	1.0	17
423	Anilido-imine zinc complexes: Efficient catalysts for ring-opening polymerization of L-lactide. Chemical Research in Chinese Universities, 2013, 29, 48-50.	1.3	5
424	Group iv complexes containing the benzotriazole phenoxide ligand as catalysts for the ring-opening polymerization of lactides, epoxides and as precatalysts for the polymerization of ethylene. Dalton Transactions, 2013, 42, 16412.	1.6	42
425	Dual catalysis: new approaches for the polymerization of lactones and polar olefins. Dalton Transactions, 2013, 42, 9024.	1.6	50
426	Ring-opening polymerization of cyclic esters by phenoxy-thioether complexes derived from biocompatible metals. Dalton Transactions, 2013, 42, 13036.	1.6	36
427	Magnesium and Calcium Complexes Containing Biphenyl-Based Tridentate Iminophenolate Ligands for Ring-Opening Polymerization of rac-Lactide. Inorganic Chemistry, 2013, 52, 11821-11835.	1.9	62
428	Porous Copolymers of $\hat{l}\mu$ -Caprolactone as Scaffolds for Tissue Engineering. Macromolecules, 2013, 46, 8136-8143.	2.2	35
429	Synthesis and Structure of Homo- and Heterometallic Lithium–Magnesium Complexes and Their Reactivity in the ROP of ⟨i⟩rac⟨ i⟩-Lactide. Organometallics, 2013, 32, 6624-6627.	1.1	41

#	Article	IF	Citations
430	Hydrogen phosphates: Self initiated organocatalysts for the controlled ring-opening polymerization of cyclic esters. Inorganica Chimica Acta, 2013, 400, 32-41.	1.2	13
431	Ringâ€opening polymerization of <i>rac</i> àê•and <i>meso</i> ―actide initiated by indium bis(phenolate) isopropoxy complexes. Journal of Polymer Science Part A, 2013, 51, 4983-4991.	2.5	42
432	Accessing New Materials through Polymerization and Modification of a Polycarbonate with a Pendant Activated Ester. Macromolecules, 2013, 46, 1283-1290.	2.2	74
433	Renewable carvone-based polyols for use in polyurethane thermosets. RSC Advances, 2013, 3, 20399.	1.7	18
434	Heavier alkaline earth metal complexes with phosphinoselenoic amides: evidence of direct M–Se contact (M = Ca, Sr, Ba). Dalton Transactions, 2013, 42, 4947.	1.6	34
435	Square-Planar Cu(II) Diketiminate Complexes in Lactide Polymerization. Inorganic Chemistry, 2013, 52, 13612-13622.	1.9	67
436	Abnormal N-heterocyclic carbene main group organometallic chemistry: a debut to the homogeneous catalysis. Dalton Transactions, 2013, 42, 14253.	1.6	39
437	Zinc complexes supported by methyl salicylato ligands: synthesis, structure, and application in ring-opening polymerization of l-lactide. Dalton Transactions, 2013, 42, 13838.	1.6	20
438	Synthesis and Structural Characterization of Various N,O,N-Chelated Aluminum and Gallium Complexes for the Efficient ROP of Cyclic Esters and Carbonates: How Do Aluminum and Gallium Derivatives Compare?. Organometallics, 2013, 32, 587-598.	1.1	91
439	Facile Synthesis of Well-Defined Titanium Alkoxides Based on Benzotriazole Phenoxide Ligands: Efficient Catalysts for Ring-Opening Polymerization of Cyclic Esters. Organometallics, 2013, 32, 172-180.	1.1	59
440	Ring-opening polymerization of <scp> < /scp>-lactide catalyzed by calcium complexes. Dalton Transactions, 2013, 42, 2041-2051.</scp>	1.6	36
441	Potassium, zinc, and magnesium complexes of a bulky OOO-tridentate bis(phenolate) ligand: synthesis, structures, and studies of cyclic ester polymerisation. Dalton Transactions, 2013, 42, 9313.	1.6	74
442	Binuclear chromium–salan complex catalyzed alternating copolymerization of epoxides and cyclic anhydrides. Polymer Chemistry, 2013, 4, 1439-1444.	1.9	111
443	Synthesis, characterization, and catalytic activity of titanium iminophenoxide complexes in relation to the ringâ€opening polymerization of <scp>L</scp> â€lactide and εâ€caprolactone. Journal of Polymer Science Part A, 2013, 51, 327-333.	2.5	16
444	Ringâ€opening polymerization of lactides catalyzed by magnesium complexes coordinated with NNOâ€tridentate pyrazolonate ligands. Journal of Polymer Science Part A, 2013, 51, 696-707.	2.5	45
445	Ringâ€opening polymerization of <scp>L</scp> â€lactide using halfâ€titanocene complexes of the ATiCl ₂ Nu type: Synthesis, characterization, and thermal properties. Journal of Polymer Science Part A, 2013, 51, 1162-1174.	2.5	11
446	Efficient zinc initiators supported by NNOâ€tridentate ketiminate ligands for cyclic esters polymerization. Journal of Polymer Science Part A, 2013, 51, 1185-1196.	2.5	55
447	Synthesis and characterization of bisphenol sodium complexes: An efficient catalyst for the ring-opening polymerization of l-lactide. Inorganic Chemistry Communication, 2013, 29, 89-93.	1.8	15

#	Article	IF	CITATIONS
448	Substitution effect on phenalenyl backbone in the rate of organozinc catalyzed ROP of cyclic esters. Dalton Transactions, 2013, 42, 1893-1904.	1.6	21
449	Polymerization of cyclic esters using N-heterocyclic carbene carboxylate catalysts. Polymer Chemistry, 2013, 4, 2414.	1.9	43
450	Synthesis and structures of tridentate ketoiminate zinc complexes bearing trifluoromethyl substituents that act as l-lactide ring opening polymerization initiators. Dalton Transactions, 2013, 42, 5573.	1.6	44
451	Synthesis and structures of calcium and strontium 2,4-di-tert-butylphenolates and their reactivity towards the amine co-initiated ring-opening polymerisation of rac-lactide. Dalton Transactions, 2013, 42, 9294.	1.6	38
452	Ring-opening polymerization of cyclic esters with lithium amine-bis(phenolate) complexes. Dalton Transactions, 2013, 42, 3504.	1.6	71
453	Rare earth complexes of phenoxy-thioether ligands: synthesis and reactivity in the ring opening polymerization of cyclic esters. Dalton Transactions, 2013, 42, 9338.	1.6	24
454	Titanium pyridonates and amidates: novel catalysts for the synthesis of random copolymers. Chemical Communications, 2013, 49, 57-59.	2,2	59
455	{Phenoxy-imine}aluminum versus -indium Complexes for the Immortal ROP of Lactide: Different Stereocontrol, Different Mechanisms. Organometallics, 2013, 32, 1694-1709.	1.1	131
456	Controlled Polymerization of Next-Generation Renewable Monomers and Beyond. Macromolecules, 2013, 46, 1689-1712.	2.2	437
457	Polymerizing Base Sensitive Cyclic Carbonates Using Acid Catalysis. ACS Macro Letters, 2013, 2, 306-312.	2.3	83
458	Synthesis and Characterization of Zinc Ketoiminate and Zinc Alkoxide–/Phenoxide–Ketoiminate Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 1541-1554.	1.0	36
459	Structurally well-defined group 4 metal complexes as initiators for the ring-opening polymerization of lactide monomers. Dalton Transactions, 2013, 42, 9007.	1.6	263
460	Gallium and indium complexes for ring-opening polymerization of cyclic ethers, esters and carbonates. Coordination Chemistry Reviews, 2013, 257, 1869-1886.	9.5	190
461	Aluminium complexes containing pyrazolyl–phenolate ligands as catalysts for ring opening polymerization of Îμ-caprolactone. Journal of Organometallic Chemistry, 2013, 725, 15-21.	0.8	17
462	Synthesis and rac-lactide ring-opening polymerisation studies of new alkaline earth tetrahydroborate complexes. Dalton Transactions, 2013, 42, 759-769.	1.6	57
463	Magnesium and zinc complexes containing pendant pyrazolyl–phenolate ligands as catalysts for ring opening polymerisation of cyclic esters. Journal of Organometallic Chemistry, 2013, 738, 1-9.	0.8	22
464	Calcium complexes containing oxalamidinate ligands as catalysts for $\hat{l}\mu$ -caprolactone polymerization. Dalton Transactions, 2013, 42, 9255-9262.	1.6	17
465	Structural and kinetic studies of the polymerization reactions of $\hat{l}\mu$ -caprolactone catalyzed by (pyrazol-1-ylmethyl)pyridine Cu(ii) and Zn(ii) complexes. Dalton Transactions, 2013, 42, 10735.	1.6	38

#	Article	IF	CITATIONS
466	Airâ€stable copper derivatives as efficient catalysts for controlled lactide polymerization: Facile synthesis and characterization of wellâ€defined benzotriazole phenoxide copper complexes. Journal of Polymer Science Part A, 2013, 51, 3840-3849.	2.5	32
467	Synthesis and structural determination of zinc complexes based on an anilido-aldimine ligand containing an O-donor pendant arm: zinc alkoxide derivative as an efficient initiator for ring-opening polymerization of cyclic esters. Dalton Transactions, 2013, 42, 10875.	1.6	45
468	Thermally Stabilized Poly(lactide)s Stereocomplex with Bio-Based Aromatic Groups at Both Initiating and Terminating Chain Ends. Macromolecules, 2013, 46, 5150-5156.	2.2	40
469	Synthesis, characterization and reactivity of single-site aluminium amides bearing benzotriazole phenoxide ligands: catalysis for ring-opening polymerization of lactide and carbon dioxide/propylene oxide coupling. Dalton Transactions, 2013, 42, 11488.	1.6	47
470	PLA–PHB–PLA Triblock Copolymers: Synthesis by Sequential Addition and Investigation of Mechanical and Rheological Properties. Macromolecules, 2013, 46, 3965-3974.	2.2	86
471	Aluminium salalen complexes based on 1,2-diaminocyclohexane and their exploitation for the polymerisation of rac-lactide. Dalton Transactions, 2013, 42, 9279.	1.6	51
472	Synthesis and Single Crystal Xâ€ray Structures of Cationic Zinc ⟨i⟩β⟨ i⟩â€Diketiminate Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1153-1159.	0.6	19
473	Synthesis of Aluminum Complexes of Triaza Framework Ligands and Their Catalytic Activity toward Polymerization of Îμ-Caprolactone. Organometallics, 2013, 32, 3174-3184.	1.1	45
474	Catalyzed synthesis of poly(l-lactic acid) by macroporous resin Amberlyst-15 composite lactate utilizing melting polycondensation. Journal of Molecular Catalysis A, 2013, 366, 22-29.	4.8	12
475	Replacing Tin in Lactide Polymerization: Design of Highly Active Germaniumâ€Based Catalysts. Angewandte Chemie - International Edition, 2013, 52, 13584-13587.	7.2	36
476	Understanding the Mechanism of Polymerization of $\hat{l}\mu$ -Caprolactone Catalyzed by Aluminum Salen Complexes. Inorganic Chemistry, 2013, 52, 13692-13701.	1.9	76
477	Titanium Complexes of Tridentate Aminebiphenolate Ligands Containing Distinct <i>N</i> Alkyls: Profound N-Substituent Effect on Ring-Opening Polymerization Catalysis. Inorganic Chemistry, 2013, 52, 1780-1786.	1.9	25
478	Ring-opening polymerization of É>-caprolactone and lactides promoted by salan- and salen-type yttrium amido complexes. Journal of Molecular Catalysis A, 2013, 379, 303-308.	4.8	14
479	Neutral and Cationic Nâ€Heterocyclic Carbene Zinc Adducts and the BnOH/Zn(C ₆ F ₅) ₂ Binary Mixture – Characterization and Use in the Ringâ€Opening Polymerization of βâ€Butyrolactone, Lactide, and Trimethylene Carbonate. European Journal of Inorganic Chemistry, 2013, 2013, 3699-3709.	1.0	64
480	Diamido-Ether Actinide Complexes as Initiators for Lactide Ring-Opening Polymerization. Organometallics, 2013, 32, 1183-1192.	1.1	53
481	Synergistic Empirical and Theoretical Study on the Stereoselective Mechanism for the Aluminum Salalen Complex Mediated Polymerization of ⟨i⟩rac⟨ i⟩â€Lactide. Chemistry - A European Journal, 2013, 19, 4712-4716.	1.7	44
482	8-Quinolinolato Gallium Complexes: Iso-selective Initiators for <i>rac</i> -Lactide Polymerization. Inorganic Chemistry, 2013, 52, 12561-12567.	1.9	58
483	Improving the ring-opening polymerization of $\hat{l}\mu\text{-caprolactone}$ and I-lactide using stannous octanoate. Polymer Bulletin, 2013, 70, 993-1001.	1.7	13

#	Article	IF	Citations
484	Alkaline-Earth Metal Complexes in Homogeneous Polymerization Catalysis. Topics in Organometallic Chemistry, 2013, , 141-189.	0.7	30
485	Synthesis and properties of cationic ionomers from poly(ester-urethane)s based on polylactide. Journal of Polymer Science Part A, 2013, 51, 4423-4428.	2.5	20
486	Aluminum Initiators Supported by Asymmetric [ONNO′]â€Type Salan Ligands for the Ringâ€Opening Polymerization of <i>rac</i> li>â€Lactide. Macromolecular Chemistry and Physics, 2013, 214, 1845-1851.	1.1	25
488	Aluminum Complexes of Tridentate Amine Biphenolate Ligands Containing Distinct <i>N</i> â€alkyls: Synthesis and Catalytic Ringâ€opening Polymerization. Journal of the Chinese Chemical Society, 2013, 60, 710-718.	0.8	12
489	Neutral Dimethylzirconocene Complexes as Initiators for the Ringâ€Opening Polymerization of ϵâ€Caprolactone. European Journal of Inorganic Chemistry, 2013, 2013, 1184-1196.	1.0	7
491	1- <i>n</i> -Butyl-3-methylimidazolium-2-carboxylate: a versatile precatalyst for the ring-opening polymerization of Îμ-caprolactone and <i>rac</i> -lactide under solvent-free conditions. Beilstein Journal of Organic Chemistry, 2013, 9, 647-654.	1.3	15
492	Oxo-Bridged Bimetallic Group 4 Complexes Bearing Amine-Bis(benzotriazole phenolate) Derivatives as Bifunctional Catalysts for Ring-Opening Polymerization of Lactide and Copolymerization of Carbon Dioxide with Cyclohexene Oxide. Organometallics, 2014, 33, 7091-7100.	1.1	58
494	Configurational statistics of poly(L-lactide) and poly(DL-lactide) chains. Polymer, 2014, 55, 1901-1911.	1.8	15
495	Characteristics of silica-supported tin(II) methoxide catalysts for ring-opening polymerization (ROP) of L-lactide. Journal of Molecular Catalysis A, 2014, 385, 68-72.	4.8	21
496	Selective $\langle i \rangle O \langle i \rangle$ -acyl ring-opening of \hat{i}^2 -butyrolactone catalyzed by trifluoromethane sulfonic acid: application to the preparation of well-defined block copolymers. Polymer Chemistry, 2014, 5, 161-168.	1.9	31
497	Synthesis, characterization and catalytic studies of aluminium complexes containing sulfonamido–oxazolinate or –pyrazolinate ligands. Journal of Organometallic Chemistry, 2014, 753, 9-19.	0.8	15
498	Synthesis, Structure, and Catalytic Activity of Tridentate, Baseâ€Functionalized βâ€Ketiminate Zinc Complexes in Ringâ€Opening Polymerization of Lactide. European Journal of Inorganic Chemistry, 2014, 2014, 2230-2240.	1.0	31
499	Dialkylaluminium 2-imidazolylphenolates: Synthesis, characterization and ring-opening polymerization behavior towards lactides. Journal of Organometallic Chemistry, 2014, 750, 65-73.	0.8	28
500	Titanium complexes containing bidentate benzotriazole ligands as catalysts for the ring opening polymerization of lactide. Polyhedron, 2014, 67, 286-294.	1.0	23
501	Homoleptic aminophenolates of Zn, Mg and Ca. Synthesis, structure, DFT studies and polymerization activity in ROP of lactides. Dalton Transactions, 2014, 43, 2424-2436.	1.6	33
502	Phosphidoâ€diphosphine pincer aluminum complexes as catalysts for ring opening polymerization of cyclic esters. Journal of Polymer Science Part A, 2014, 52, 49-60.	2.5	16
503	Dinuclear Zinc–Nâ€Heterocyclic Carbene Complexes for Either the Controlled Ringâ€Opening Polymerization of Lactide or the Controlled Degradation of Polylactide Under Mild Conditions. ChemCatChem, 2014, 6, 1357-1367.	1.8	33
504	Aliphatic Polyester Block Polymers: Renewable, Degradable, and Sustainable. Accounts of Chemical Research, 2014, 47, 2390-2396.	7.6	496

#	Article	IF	CITATIONS
505	Yttrium– and Aluminum–Bis(phenolate)pyridine Complexes: Catalysts and Model Compounds of the Intermediates for the Stereoselective Ring-Opening Polymerization of Racemic Lactide and β-Butyrolactone. Organometallics, 2014, 33, 309-321.	1.1	75
506	Discrete <i>O</i> -Lactate and β-Alkoxybutyrate Aluminum Pyridine–Bis(naphtholate) Complexes: Models for Mechanistic Investigations in the Ring-Opening Polymerization of Lactides and β-Lactones. Organometallics, 2014, 33, 5693-5707.	1.1	43
507	Versatile Copolymerization of Glycolide and rac-Lactide by Dimethyl(salicylaldiminato)aluminum Compounds. Macromolecules, 2014, 47, 534-543.	2.2	82
508	Ring-Opening Polymerization of Lactide Using Aluminum Salen-Type Initiators. Advanced Materials Research, 0, 915-916, 713-716.	0.3	0
509	Stereoselectivity Switch between Zinc and Magnesium Initiators in the Polymerization of <i>rac</i> -Lactide: Different Coordination Chemistry, Different Stereocontrol Mechanisms. Macromolecules, 2014, 47, 7750-7764.	2.2	113
510	Bis(phosphinoselenoic amides) as versatile chelating ligands for alkaline earth metal (Mg, Ca, Sr and) Tj ETQq1 1 (8757-8766.).784314 1.6	rgBT /Overlo
511	Probing the Role of Secondary versus Tertiary Amine Donor Ligands for Indium Catalysts in Lactide Polymerization. Inorganic Chemistry, 2014, 53, 9897-9906.	1.9	35
512	Synthesis and structures of bis-ligated zinc complexes supported by tridentate ketoimines that initiate <scp>l</scp> -lactide polymerization. Dalton Transactions, 2014, 43, 16498-16508.	1.6	36
513	Synthesis and structure of a ferric complex of 2,6-di(1H-pyrazol-3-yl)pyridine and its excellent performance in the redox-controlled living ring-opening polymerization of \hat{l}_{μ} -caprolactone. Dalton Transactions, 2014, 43, 8282.	1.6	47
514	Chiral Group 4 Cyclopentadienyl Complexes and Their Use in Polymerization of Lactide Monomers. Organometallics, 2014, 33, 3891-3903.	1.1	38
515	Synthesis of \hat{I}^3 -amidine-functionalized dianionic \hat{I}^2 -diketiminato lanthanide amides and trianionic \hat{I}^2 -diketiminato Na/Sm heterobimetallic complexes and their reactivity in polymerization of l-lactide. Dalton Transactions, 2014, 43, 5586.	1.6	12
516	Scandium versus yttrium{amino-alkoxy-bis(phenolate)} complexes for the stereoselective ring-opening polymerization of racemic lactide and l²-butyrolactone. Dalton Transactions, 2014, 43, 14322-14333.	1.6	40
517	Poly(lactide-co-ε-caprolactone) copolymers prepared using bis-thioetherphenolate group 4 metal complexes: synthesis, characterization and morphology. RSC Advances, 2014, 4, 51262-51267.	1.7	39
518	Controlled ringâ€opening polymerization of trimethylene carbonate and access to PTMCâ€PLA block copolymers mediated by wellá€defined <i>N</i> à€heterocyclic carbene zinc alkoxides. Applied Organometallic Chemistry, 2014, 28, 504-511.	1.7	40
519	Chiral lanthanide complexes: coordination chemistry, spectroscopy, and catalysis. Dalton Transactions, 2014, 43, 5871-5885.	1.6	35
520	Ringâ€opening polymerization of cyclic esters by pincer complexes derived from alkaline earth metals. Applied Organometallic Chemistry, 2014, 28, 140-145.	1.7	11
521	Metalâ€Size Influence in Isoâ€Selective Lactide Polymerization. Angewandte Chemie - International Edition, 2014, 53, 9226-9230.	7.2	166
522	Zirconium Complexes of Phenylene-Bridged {ONSO} Ligands: Coordination Chemistry and Stereoselective Polymerization of <i>rac</i> -Lactide. Inorganic Chemistry, 2014, 53, 9140-9150.	1.9	62

#	Article	IF	CITATIONS
523	Dinuclear magnesium, zinc and aluminum complexes supported by bis(iminopyrrolide) ligands: synthesis, structures, and catalysis toward the ring-opening polymerization of lµ-caprolactone and rac-lactide. Dalton Transactions, 2014, 43, 9126.	1.6	52
524	Group 4 metal complexes with new chiral pincer NHC-ligands: synthesis, structure and catalytic activity. Dalton Transactions, 2014, 43, 8261-8272.	1.6	44
525	Heterometallic aluminates: alkali metals trapped by an aluminium aryloxide claw. Dalton Transactions, 2014, 43, 14377-14385.	1.6	19
526	Synthesis of N,N,O-chelate zinc and aluminum complexes and their catalysis in the ring-opening polymerization of ε-caprolactone and rac-lactide. Dalton Transactions, 2014, 43, 14470-14480.	1.6	31
527	Bis(salicylaldehydato)dioxomolybdenum complexes: catalysis for ring-opening polymerization. Polymer Bulletin, 2014, 71, 1433-1440.	1.7	4
528	Co(II) and Mn(II) catalyzed bulk ring-opening polymerization of cyclic esters. Polymer Bulletin, 2014, 71, 2185-2203.	1.7	14
529	Zinc/magnesium–sodium/lithium heterobimetallic triphenolates: Synthesis, characterization, and application as catalysts in the ring-opening polymerization of l-lactide and CO2/epoxide coupling. Journal of Molecular Catalysis A, 2014, 393, 175-181.	4.8	26
530	Ring-opening polymerization of cyclic esters initiated by zirconium, titanium and yttrium complexes. RSC Advances, 2014, 4, 14527.	1.7	58
531	Benzotriazole Phenoxide Hafnium Complexes as Efficient Catalysts for the Ring-Opening Polymerization of Lactide: Synthesis, Characterization, and Kinetics of Polymerization Catalysis. European Journal of Inorganic Chemistry, 2014, 2014, 1239-1248.	1.0	19
532	Synthesis, structure, and catalytic activity of organolanthanide complexes with chiral biaryl Schiff-base ligands. Journal of Organometallic Chemistry, 2014, 758, 65-72.	0.8	13
533	Alkali metal complexes of tridentate amine-bis(phenolate) ligands and their rac-lactide ROP activity. Journal of Organometallic Chemistry, 2014, 749, 34-40.	0.8	27
534	NHC Bis-Phenolate Aluminum Chelates: Synthesis, Structure, and Use in Lactide and Trimethylene Carbonate Polymerization. Organometallics, 2014, 33, 5730-5739.	1.1	47
535	Gradient Isotactic Multiblock Polylactides from Aluminum Complexes of Chiral Salalen Ligands. Journal of the American Chemical Society, 2014, 136, 2940-2943.	6.6	204
536	Synthesis, structure, and catalytic activity of organoaluminum complexes with chiral biaryl Schiff-base ligands. Inorganica Chimica Acta, 2014, 413, 128-135.	1.2	7
537	Chiral alkaline earth metal complexes with M–Se direct bond (M = Mg, Ca, Sr, Ba): syntheses, structures and ε-caprolactone polymerisation. RSC Advances, 2015, 5, 37755-37767.	1.7	18
538	Mechanistic Insight into the Stereochemical Control of Lactide Polymerization by Salan–Aluminum Catalysts. Angewandte Chemie - International Edition, 2015, 54, 14858-14861.	7.2	100
539	Mechanistic Insight into the Stereochemical Control of Lactide Polymerization by Salan–Aluminum Catalysts. Angewandte Chemie, 2015, 127, 15071-15074.	1.6	17
540	Transition Metal Complexes Containing <i>C</i> ₂ â€5ymmetric Bis(imidazolinâ€2â€imine) Ligands Derived from a 1â€Alkylâ€3â€arylimidazolinâ€2â€ylidene. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2204-2214.	0.6	10

#	Article	IF	Citations
541	Dimethyl-Aluminium Complexes Bearing Naphthyl-Substituted Pyridine-Alkylamides as Pro-Initiators for the Efficient ROP of $\hat{l}\mu$ -Caprolactone. Catalysts, 2015, 5, 1425-1444.	1.6	10
542	Zinc Complexes Containing Coumarin-Derived Anilido-Aldimine Ligands as Catalysts for Ring Opening Polymerization of L-Lactide. Molecules, 2015, 20, 5313-5328.	1.7	11
543	Molecular Differentiated Initiator Reactivity in the Synthesis of Poly(caprolactone)-Based Hydrophobic Homopolymer and Amphiphilic Core Corona Star Polymers. Molecules, 2015, 20, 20131-20145.	1.7	6
544	Magnesium Pyrazolyl-Indolyl Complexes as Catalysts for Ring-Opening Polymerization of L-Lactide. Polymers, 2015, 7, 1954-1964.	2.0	5
545	Imidazol-2-ylidene-N′-phenylureate ligands in alkali and alkaline earth metal coordination spheres – heterocubane core to polymeric structural motif formation. Dalton Transactions, 2015, 44, 7458-7469.	1.6	9
546	High activity of an indium alkoxide complex toward ring opening polymerization of cyclic esters. Chemical Communications, 2015, 51, 9643-9646.	2.2	55
547	Titanium pyridonates for the homo- and copolymerization of rac-lactide and $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2015, 44, 12411-12419.	1.6	36
548	Aluminum complexes based on pyridine substituted alcohols: synthesis, structure, and catalytic application in ROP. Dalton Transactions, 2015, 44, 11963-11976.	1.6	28
549	Synthesis and structural studies of copper(II) complex supported by –ONNO– tetradentate ligand: Efficient catalyst for the ring-opening polymerization of lactide. Chinese Journal of Catalysis, 2015, 36, 764-770.	6.9	21
550	Synthesis and characterization of zinc complexes supported by NHC-based CNN- and CNP-tridentate ligands and their catalysis in theÂring-opening polymerization of rac-lactide and Îμ-caprolactone. Journal of Organometallic Chemistry, 2015, 783, 105-115.	0.8	22
551	Metal influence on the iso- and hetero-selectivity of complexes of bipyrrolidine derived salan ligands for the polymerisation of rac-lactide. Chemical Science, 2015, 6, 5034-5039.	3.7	90
552	Mono-, di- and tetra-zinc complexes derived from an amino-benzotriazole phenolate ligand containing a bulkier N-alkyl pendant arm: synthesis, structure and catalysis for ring-opening polymerization of cyclic esters. Dalton Transactions, 2015, 44, 12401-12410.	1.6	13
553	Ring-opening copolymerization (ROCOP): synthesis and properties of polyesters and polycarbonates. Chemical Communications, 2015, 51, 6459-6479.	2.2	471
554	Metal and Ligand-Substituent Effects in the Immortal Polymerization of <i>rac</i> -Lactide with Li, Na, and K Phenoxo-imine Complexes. Organometallics, 2015, 34, 477-487.	1.1	98
555	Iso-Selective Ring-Opening Polymerization of <i>rac</i> -Lactide Catalyzed by Crown Ether Complexes of Sodium and Potassium Naphthalenolates. Inorganic Chemistry, 2015, 54, 1737-1743.	1.9	70
556	Ring-opening polymerization of ω-6-hexadecenlactone by a salicylaldiminato aluminum complex: a route to semicrystalline and functional poly(ester)s. Polymer Chemistry, 2015, 6, 1727-1740.	1.9	32
557	Zr(<scp>iv</scp>) complexes containing salan-type ligands: synthesis, structural characterization and role as catalysts towards the polymerization of lµ-caprolactone, rac-lactide, ethylene, homopolymerization and copolymerization of epoxides with CO ₂ . RSC Advances, 2015, 5, 28536-28553.	1.7	48
558	Bipyridine-phenolate based aluminum complexes mediated ring-opening polymerization of μ̂-caprolactone and lactides with aÂhigh stereoselectivity. Polymer, 2015, 72, 281-291.	1.8	16

#	Article	IF	CITATIONS
559	Imino(phenoxide) compounds of magnesium: Synthesis, structural characterization, and polymerization studies. Journal of Polymer Science Part A, 2015, 53, 1474-1491.	2.5	19
560	Study of Salen(Al) Complex Catalytic System in Ring-Opening Polymerization of Lactide. Advanced Materials Research, 0, 1095, 407-410.	0.3	0
561	<i>O</i> -Carboxyanhydrides: Useful Tools for the Preparation of Well-Defined Functionalized Polyesters. ACS Macro Letters, 2015, 4, 792-798.	2.3	72
562	Designing ancillary ligands for heteroleptic/homoleptic zinc complex formation: synthesis, structures and application in ROP of lactides. Dalton Transactions, 2015, 44, 13700-13715.	1.6	26
563	Synthesis and characterization of rare-earth metal guanidinates stabilized by amine-bridged bis (phenolate) ligands and their application in the controlled polymerization of rac-lactide and rac- l^2 -butyrolactone. RSC Advances, 2015, 5, 53161-53171.	1.7	21
564	Dialkylgallium Alkoxides Stabilized with <i>N</i> -Heterocyclic Carbenes: Opportunities and Limitations for the Controlled and Stereoselective Polymerization of <i>rac</i> -Lactide. Organometallics, 2015, 34, 3480-3496.	1.1	42
565	Discrete Cationic Complexes for Ring-Opening Polymerization Catalysis of Cyclic Esters and Epoxides. Chemical Reviews, 2015, 115, 3564-3614.	23.0	244
566	Gallium and indium complexes containing the bis(imino)phenoxide ligand: synthesis, structural characterization and polymerization studies. Dalton Transactions, 2015, 44, 10410-10422.	1.6	41
567	P,O-Phosphinophenolate zinc($\langle scp \rangle ii \langle scp \rangle$) species: synthesis, structure and use in the ring-opening polymerization (ROP) of lactide, $\hat{l}\mu$ -caprolactone and trimethylene carbonate. Dalton Transactions, 2015, 44, 12376-12387.	1.6	56
568	Synthesis and catalytic application of magnesium complexes bearing pendant indolyl ligands. Dalton Transactions, 2015, 44, 9610-9619.	1.6	14
569	Magnesium amino-bis(phenolato) complexes for the ring-opening polymerization of rac-lactide. Dalton Transactions, 2015, 44, 12365-12375.	1.6	45
570	Synthesis and characterization of rare-earth metal complexes supported by a new pentadentate Schiff base and their application in heteroselective polymerization of rac-lactide. Catalysis Science and Technology, 2015, 5, 3302-3312.	2.1	36
571	Bis(pyrrolidene) Schiff Base Aluminum Complexes as Isoselective-Biased Initiators for the Controlled Ring-Opening Polymerization of <i>rac</i> -Lactide: Experimental and Theoretical Studies. Macromolecules, 2015, 48, 6846-6861.	2.2	57
572	From <i>meso</i> -Lactide to Isotactic Polylactide: Epimerization by B/N Lewis Pairs and Kinetic Resolution by Organic Catalysts. Journal of the American Chemical Society, 2015, 137, 12506-12509.	6.6	129
573	Monoamidinate titanium complexes: highly active catalysts for the polymerization and copolymerization of <scp>l</scp> -lactide and ε-caprolactone. RSC Advances, 2015, 5, 87635-87644.	1.7	24
574	Different mechanisms at different temperatures for the ring-opening polymerization of lactide catalyzed by binuclear magnesium and zinc alkoxides. Dalton Transactions, 2015, 44, 16383-16391.	1.6	32
575	Synthesis and Structural Characterization of Magnesium Drug Complexes: Efficient Initiators for Forming Polylactide–Drug Conjugates. Organometallics, 2015, 34, 4871-4880.	1.1	13
576	Rare-Earth Complexes Supported by Tripodal Tetradentate Bis(phenolate) Ligands: A Privileged Class of Catalysts for Ring-Opening Polymerization of Cyclic Esters. Organometallics, 2015, 34, 4175-4189.	1.1	154

#	Article	IF	CITATIONS
577	Sequence Selective Polymerization Catalysis: A New Route to ABA Block Copoly(ester- <i>b</i> -carbonate- <i>b</i> -ester). Macromolecules, 2015, 48, 6047-6056.	2.2	117
578	Highly Active Yttrium Catalysts for the Ring-Opening Polymerization of Îμ-Caprolactone and Î-Valerolactone. Organometallics, 2015, 34, 4700-4706.	1.1	36
579	Stereocomplex Film Using Triblock Copolymers of Polylactide and Poly(ethylene glycol) Retain Paxlitaxel on Substrates by an Aqueous Inkjet System. Langmuir, 2015, 31, 10583-10589.	1.6	17
580	Yttrium and aluminium complexes bearing dithiodiolate ligands: synthesis and application in cyclic ester polymerization. Dalton Transactions, 2015, 44, 17990-18000.	1.6	6
581	Amido rare-earth complexes supported by an ansa bis(amidinate) ligand with a rigid 1,8-naphthalene linker: synthesis, structures and catalytic activity in rac-lactide polymerization and hydrophosphonylation of carbonyl compounds. New Journal of Chemistry, 2015, 39, 1083-1093.	1.4	22
582	Ring-opening homo- and co-polymerization of lactides and $\hat{l}\mu$ -caprolactone by salalen aluminum complexes. Dalton Transactions, 2015, 44, 2157-2165.	1.6	7 5
583	Zinc complexes coordinated by bipyridine-phenolate ligands as an efficient initiator for ring-opening polymerization of cyclic esters. Polymer, 2015, 56, 237-244.	1.8	16
584	Group 1 salts of the imino(phenoxide) scaffold: Synthesis, structural characterization and studies as catalysts towards the bulk ring opening polymerization of lactides. European Polymer Journal, 2015, 62, 51-65.	2.6	32
585	Synthesis of biodegradable thermoplastic elastomers from ⟨i⟩Îμ⟨/i⟩â€caprolactone and lactide. Journal of Polymer Science Part A, 2015, 53, 489-495.	2.5	44
586	Direct ring-opening of lactide with amines: application to the organo-catalyzed preparation of amide end-capped PLA and to the removal of residual lactide from PLA samples. Polymer Chemistry, 2015, 6, 989-997.	1.9	27
587	Facilely synthesized benzotriazole phenolate zirconium complexes as versatile catalysts for copolymerization of carbon dioxide with cyclohexene oxide and lactide polymerization. Dalton Transactions, 2015, 44, 598-607.	1.6	31
588	Well-controlled, zinc-catalyzed synthesis of low molecular weight oligolactides by ring opening reaction. Journal of Molecular Catalysis A, 2015, 396, 155-163.	4.8	27
589	Synthesis, characterisation and X-ray structures of zinc(II) complexes bearing camphor-based iminopyridines as pre-catalysts for heterotactic-enriched polylactide from rac-lactide. Polyhedron, 2015, 85, 615-620.	1.0	28
590	Zinc Complexes of Sequential Tetradentate Monoanionic Ligands in the Isoselective Polymerization of <i>rac</i> â€Lactide. Chemistry - A European Journal, 2016, 22, 11533-11536.	1.7	68
591	Towards Truly Sustainable Polymers: A Metalâ€Free Recyclable Polyester from Biorenewable Nonâ€Strained γâ€Butyrolactone. Angewandte Chemie - International Edition, 2016, 55, 4188-4193.	7.2	217
592	Imidazoliumâ€Based Ionic Liquids as Initiators in Ring Opening Polymerization: Ionic Conduction and Dielectric Response of Endâ€Functional Polycaprolactones and Their Block Copolymers. Macromolecular Chemistry and Physics, 2016, 217, 1270-1281.	1.1	10
593	Diâ€nuclear zinc complexes containing tridentate iminoâ€benzotriazole phenolate derivatives as efficient catalysts for ringâ€opening polymerization of cyclic esters and copolymerization of phthalic anhydride with cyclohexene oxide. Journal of Polymer Science Part A, 2016, 54, 714-725.	2.5	16
594	A unique cooperative catalytic system carrying metallic iron and 2-hydroxyethyl 2-bromoisobutyrate for the controlled/living ring-opening polymerization of Îμ-caprolactone. RSC Advances, 2016, 6, 11400-11406.	1.7	8

#	Article	IF	CITATIONS
595	Synthesis, characterization and I -lactide polymerization behavior of rare-earth metal bis(silylamide) complexes supported by arylamido ligand. Journal of Organometallic Chemistry, 2016, 808, 117-121.	0.8	5
596	Aluminum chelates supported by \hat{l}^2 -quinolyl enolate ligands: synthesis and ROP of $\hat{l}\mu$ -CL. Dalton Transactions, 2016, 45, 9088-9096.	1.6	22
597	Aluminum complexes containing salicylbenzoxazole ligands and their application in the ring-opening polymerization of rac-lactide and $\hat{l}\mu$ -caprolactone. Dalton Transactions, 2016, 45, 9250-9266.	1.6	34
598	Effect of In–CNHC Bonds on the Synthesis, Structure, and Reactivity of Dialkylindium Alkoxides: How Indium Compares to Gallium. Organometallics, 2016, 35, 3311-3322.	1.1	13
599	Synthesis and structural characterization of titanium and zirconium complexes containing half-salen ligands as catalysts for polymerization reactions. New Journal of Chemistry, 2016, 40, 9824-9839.	1.4	37
600	The Quest for Converting Biorenewable Bifunctional α-Methylene-γ-butyrolactone into Degradable and Recyclable Polyester: Controlling Vinyl-Addition/Ring-Opening/Cross-Linking Pathways. Journal of the American Chemical Society, 2016, 138, 14326-14337.	6.6	132
601	Metal complexes containing nitrogen-heterocycle based aryloxide or arylamido derivatives as discrete catalysts for ring-opening polymerization of cyclic esters. Dalton Transactions, 2016, 45, 17557-17580.	1.6	60
602	Calcium Complexes Having Different Amidinate Ligands ―Synthesis and Structural Diversity. ChemistrySelect, 2016, 1, 2014-2020.	0.7	6
603	Synthesis of di- and trinuclear zinc complexes bearing pyrrole-based ligands and their catalysis toward the ROP of rac-lactides. Journal of Organometallic Chemistry, 2016, 823, 14-22.	0.8	8
604	Aluminum alkoxide, amide and halide complexes supported by a bulky dipyrromethene ligand: synthesis, characterization, and preliminary $\hat{l}\mu$ -caprolactone polymerization activity. Dalton Transactions, 2016, 45, 13787-13797.	1.6	20
605	The Role of Nitrogen Donors in Zinc Catalysts for Lactide Ring-Opening Polymerization. Inorganic Chemistry, 2016, 55, 9445-9453.	1.9	53
606	Zinc Chloride Complexes with Aliphatic and Aromatic Guanidine Hybrid Ligands and Their Activity in the Ringâ€Opening Polymerisation of <scp>d,l</scp> â€Lactide. European Journal of Inorganic Chemistry, 2016, 2016, 4974-4987.	1.0	29
607	Sterically (un)encumbered mer-tridentate N-heterocyclic carbene complexes of titanium(<scp>iv</scp>) for the copolymerization of cyclohexene oxide with CO ₂ . Dalton Transactions, 2016, 45, 14734-14744.	1.6	31
608	Synthesis and Dynamic Behavior of Chiral NNOâ€Scorpionate Zinc Initiators for the Ringâ€Opening Polymerization of Cyclic Esters. European Journal of Inorganic Chemistry, 2016, 2016, 2562-2572.	1.0	13
609	Exploring Steric Effects in Diastereoselective Synthesis of Chiral Aminophenolate Zinc Complexes and Stereoselective Ring-Opening Polymerization of rac-Lactide. Inorganic Chemistry, 2016, 55, 7356-7372.	1.9	44
610	Zirconium vs Aluminum Salalen Initiators for the Production of Biopolymers. Organometallics, 2016, 35, 3837-3843.	1.1	31
611	Copolymer of lactide and $\hat{l}\mu$ -caprolactone catalyzed by bimetallic Schiff base aluminum complexes. Science China Chemistry, 2016, 59, 1384-1389.	4.2	18
612	Synthesis and characterization of multidentate ethylene bridged pyrrole- and ketoamine-morpholine aluminum compounds. Structure, theoretical calculation and catalytic study. Journal of Organometallic Chemistry, 2016, 825-826, 15-24.	0.8	7

#	Article	IF	Citations
613	Progress in the synthesis of sustainable polymers from terpenes and terpenoids. Green Materials, 2016, 4, 115-134.	1.1	89
614	Structurally diverse dysprosium and yttrium complexes containing an amine-bis(benzotriazole) Tj ETQq1 1 0.7843 Chimica Acta, 2016, 450, 411-417.	14 rgBT 1.2	/Overlock 10 15
615	Towards Truly Sustainable Polymers: A Metalâ€Free Recyclable Polyester from Biorenewable Nonâ€Strained γâ€Butyrolactone. Angewandte Chemie, 2016, 128, 4260-4265.	1.6	52
616	Copolymerization of Cyclic Esters Controlled by Chiral NNO-Scorpionate Zinc Initiators. Organometallics, 2016, 35, 189-197.	1.1	41
617	Controlling the stereoselectivity of rac-LA polymerization by chiral recognition induced the formation of homochiral dimeric metal alkoxides. Polymer Chemistry, 2016, 7, 2022-2036.	1.9	25
618	A Comparison of the Rheological and Mechanical Properties of Isotactic, Syndiotactic, and Heterotactic Poly(lactide). Macromolecules, 2016, 49, 909-919.	2.2	52
619	Synthesis and structure characterization of bis- and mono (amidate) lanthanide (LnÂ=ÂLa, Gd) complexes and their application in the polymerization of $\hat{l}\mu$ -caprolactone. Journal of Organometallic Chemistry, 2016, 805, 77-86.	0.8	6
620	Zirconocene alkoxides and aryloxides for the polymerization of L- and rac-lactide. Journal of Organometallic Chemistry, 2016, 801, 87-95.	0.8	9
621	Improvement in Titanium Complexes Bearing Schiff Base Ligands in the Ring-Opening Polymerization of <i>L</i> L1016, 55, 1642-1650.	1.9	36
622	New perspectives in organolanthanide chemistry from redox to bond metathesis: insights from theory. Chemical Society Reviews, 2016, 45, 2516-2543.	18.7	44
623	Bis(pyrazolylmethyl)pyridine Zn(II) and Cu(II) complexes: Molecular structures and kinetic studies of ring-opening polymerization of $\hat{l}\mu$ -caprolactone. Journal of Molecular Catalysis A, 2016, 413, 24-31.	4.8	25
624	Completely recyclable biopolymers with linear and cyclic topologies via ring-opening polymerization of \hat{l}^3 -butyrolactone. Nature Chemistry, 2016, 8, 42-49.	6.6	461
625	Recent advances on tailor-made titanium catalysts for biopolymer synthesis. Coordination Chemistry Reviews, 2016, 306, 65-85.	9.5	57
626	Lactide as the Playmaker of the ROP Game: Theoretical and Experimental Investigation of Ring-Opening Polymerization of Lactide Initiated by Aminonaphtholate Zinc Complexes. Inorganic Chemistry, 2017, 56, 1349-1365.	1.9	38
627	Polymers from sugars: cyclic monomer synthesis, ring-opening polymerisation, material properties and applications. Chemical Communications, 2017, 53, 2198-2217.	2.2	114
628	Stereorigid OSSO-Type Group 4 Metal Complexes in the Ring-Opening Polymerization of <i>rac</i> -Lactide. Inorganic Chemistry, 2017, 56, 3447-3458.	1.9	27
629	DFT calculations as a ligand toolbox for the synthesis of active initiators for ROP of cyclic esters. Dalton Transactions, 2017, 46, 4929-4942.	1.6	8
630	Salan group 13 complexes – structural study and lactide polymerisation. New Journal of Chemistry, 2017, 41, 2198-2203.	1.4	22

#	Article	IF	CITATIONS
631	Redox Control of Aluminum Ring-Opening Polymerization: A Combined Experimental and DFT Investigation. Macromolecules, 2017, 50, 1847-1861.	2.2	56
632	Biodegradable poly(lactic acid)-based scaffolds: synthesis and biomedical applications. Journal of Polymer Research, 2017, 24, 1.	1.2	58
633	A new route for the preparation of enriched iso-polylactide from rac-lactide via a Lewis acid catalyzed ring-opening of an epoxide. Dalton Transactions, 2017, 46, 5938-5945.	1.6	19
634	Group 4 Metal Complexes of Phenylene–Salalen Ligands in <i>rac</i> àê€Lactide Polymerization Giving High Molecular Weight Stereoblock Poly(lactic acid). Chemistry - A European Journal, 2017, 23, 11540-11548.	1.7	33
635	Highly Active and Isoâ€Selective Catalysts for the Ringâ€Opening Polymerization of Cyclic Esters using Groupâ€2 Metal Initiators. Chemistry - A European Journal, 2017, 23, 9319-9331.	1.7	41
636	Ring-opening polymerization of rac-lactide catalyzed by crown ether complexes of sodium and Apotassium iminophenoxides. RSC Advances, 2017, 7, 24055-24063.	1.7	20
637	Isoselective mechanism of the ring-opening polymerization of rac-lactide catalyzed by chiral potassium binolates. Inorganic Chemistry Frontiers, 2017, 4, 261-269.	3.0	36
638	Divergent [{ONNN}Mg–Cl] complexes in highly active and living lactide polymerization. Chemical Science, 2017, 8, 5476-5481.	3.7	31
639	Synthesis and characterization of lanthanide complexes stabilized by N -aryl substituted \hat{l}^2 -ketoiminato ligands and their application in the polymerization of rac -lactide. Journal of Organometallic Chemistry, 2017, 846, 161-168.	0.8	12
640	Coordination behavior of bis-phenolate saturated and unsaturated N-heterocyclic carbene ligands to zirconium: reactivity and activity in the copolymerization of cyclohexene oxide with CO ₂ . Dalton Transactions, 2017, 46, 8065-8076.	1.6	23
641	Crown ether complexes of potassium quinolin-8-olates: synthesis, characterization and catalysis toward the ring-opening polymerization of rac-lactide. RSC Advances, 2017, 7, 11657-11664.	1.7	17
642	Bifunctional Squaramides as Organocatalysts for Lactide Polymerization: Catalytic Performance and Comparison with Monofunctional Analogues. ChemCatChem, 2017, 9, 3041-3046.	1.8	16
643	Stopped-Flow NMR and Quantitative GPC Reveal Unexpected Complexities for the Mechanism of NHC-Catalyzed Lactide Polymerization. Macromolecules, 2017, 50, 2267-2275.	2.2	12
644	Titanium, aluminum and zinc complexes containing diamine-bis(benzotriazole phenolate) ligands: Synthesis, structural characterization and catalytic studies for ring-opening polymerizationAof ε-caprolactone. Journal of Molecular Structure, 2017, 1134, 395-403.	1.8	5
645	Crown ether complexes of sodium and potassium 2-(benzotriazol-2-yl)phenolates: Synthesis and catalysis towards the ring-opening polymerization of rac-lactide. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 944-950.	1.2	9
646	Cubaneâ€Type Polynuclear Zinc Complexes Containing Tridentate <i>Schiff</i> Base Ligands: Synthesis, Characterization, and Ringâ€Opening Polymerization Studies of <i>rac</i> â€Lactide and <i>ε</i> â€Caprolactone. Helvetica Chimica Acta, 2017, 100, e1700176.	1.0	18
647	Homoleptic Zr and Hf Complexes of Imino/Bis(imino)phenoxide Scaffolds: Synthesis, Structural Characterization and Their Catalytic Activity in the ROP of Cyclic Esters. ChemistrySelect, 2017, 2, 8408-8417.	0.7	6
648	Air- and Moisture-Stable Indium Salan Catalysts for Living Multiblock PLA Formation in Air. ACS Catalysis, 2017, 7, 6413-6418.	5.5	46

#	Article	IF	Citations
649	Mixed Allyl Rareâ€Earth Borohydride Complexes: Synthesis, Structure, and Application in (Coâ€)Polymerization Catalysis of Cyclic Esters. Chemistry - A European Journal, 2017, 23, 15644-15654.	1.7	25
650	Synthesis of Li(I), Zn(II) and Mg(II) complexes of amine bis(phenolates) and their exploitation for the ring opening polymerisation of rac-lactide. Journal of Organometallic Chemistry, 2017, 848, 325-331.	0.8	15
651	Zinc bimetallics supported by a xanthene-bridged dinucleating ligand: synthesis, characterization, and lactide polymerization studies. RSC Advances, 2017, 7, 41819-41829.	1.7	18
652	Mononuclear salen-gallium complexes for iso-selective ring-opening polymerization (ROP) of rac-lactide. Dalton Transactions, 2017, 46, 12824-12834.	1.6	21
653	Diiminopyrrolide Copper Complexes: Synthesis, Structures, andrac-Lactide Polymerization Activity. Organometallics, 2017, 36, 3860-3877.	1.1	12
654	Mechanism and Stereocontrol in Isotactic <i>rac</i> -Lactide Polymerization with Copper(II) Complexes. ACS Catalysis, 2017, 7, 6289-6301.	5.5	25
655	Highly Active N,O Zinc Guanidine Catalysts for the Ringâ€Opening Polymerization of Lactide. ChemSusChem, 2017, 10, 3547-3556.	3.6	60
656	Retinol initiated poly(lactide)s: stability upon polymerization and nanoparticle preparation. Polymer Chemistry, 2017, 8, 4378-4387.	1.9	16
657	\hat{l}^2 -Pyridylenolate zinc catalysts for the ring-opening homo- and copolymerization of $\hat{l}\mu$ -caprolactone and lactides. Dalton Transactions, 2017, 46, 9846-9858.	1.6	31
658	Controlled ringâ€opening polymerization of <scp>l</scp> â€lactide and εâ€caprolactone catalyzed by aluminumâ€based <scp>L</scp> ewis pairs or <scp>L</scp> ewis acid alone. Journal of Polymer Science Part A, 2017, 55, 297-303.	2.5	19
659	Preparation of single-site tin(IV) compounds and their use in the polymerization of $\hat{l}\mu$ -caprolactone. Designed Monomers and Polymers, 2017, 20, 89-96.	0.7	9
660	ZnII Chlorido Complexes with Aliphatic, Chiral Bisguanidine Ligands as Catalysts in the Ring-Opening Polymerisation of rac -Lactide Using FT-IR Spectroscopy in Bulk. European Journal of Inorganic Chemistry, 2017, 2017, 5557-5570.	1.0	22
661	Bio- and chemocatalysis cascades as a bridge between biology and chemistry for green polymer synthesis. Cellular and Molecular Biology Letters, 2017, 22, 28.	2.7	6
662	Reactivity of Zinc Halide Complexes Containing Camphor-Derived Guanidine Ligands with Technical rac-Lactide. Inorganics, 2017, 5, 85.	1.2	12
663	Ring Opening Polymerization and Copolymerization of Cyclic Esters Catalyzed by Group 2 Metal Complexes Supported by Functionalized P–N Ligands. Inorganic Chemistry, 2018, 57, 2503-2516.	1.9	32
664	Zinc(II) complexes containing <i>N′</i> -aromatic group substituted <i>N</i> , <i>N</i> ,èà€², <i>N</i> -bis((1H-pyrazol-1-yl)methyl)amines: Synthesis, characterization, and polymerizations of methyl methacrylate and <i>rac</i> -lactide. Journal of Coordination Chemistry, 2018, 71, 556-584.	0.8	15
665	Catalytic metal-based systems for controlled statistical copolymerisation of lactide with a lactone. Polymer Chemistry, 2018, 9, 2517-2531.	1.9	68
666	Zinc bis-pyrrolide-imine complexes: Synthesis, structure and application in ring-opening polymerization of rac-lactide. Journal of Organometallic Chemistry, 2018, 863, 95-101.	0.8	13

#	Article	IF	CITATIONS
667	Making Various Degradable Polymers from Epoxides Using a Versatile Dinuclear Chromium Catalyst. Macromolecules, 2018, 51, 771-778.	2.2	96
668	Stereoselective ring-opening polymerization of rac-lactide by bulky chiral and achiral N-heterocyclic carbenes. Chinese Journal of Polymer Science (English Edition), 2018, 36, 231-236.	2.0	15
669	Biocatalytic Routes to Lactone Monomers for Polymer Production. Biochemistry, 2018, 57, 1997-2008.	1.2	33
670	Synthesis and structures of aluminum ion-pair complexes that act as L- and racemic-lactide ring opening polymerization initiators. Polyhedron, 2018, 147, 94-105.	1.0	10
671	â€~Switch' catalysis: from monomer mixtures to sequence-controlled block copolymers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170066.	1.6	62
672	Synthesis and structure characterization of homoleptic lanthanide complexes stabilized by Schiff-base ligands and their application in the polymerization of $\hat{l}\mu$ -caprolactone. Journal of Organometallic Chemistry, 2018, 857, 191-199.	0.8	5
673	Rare-earth metal-mediated PhCî€,N insertion into <i>N</i> , <i>N</i> ,-oi>N,-ois(trimethylsilyl)naphthalene-1,8-diamido dianion – a synthetic approach to complexes coordinated by <i>ansa</i> -bridged amido-amidinato ligand. Dalton Transactions, 2018, 47, 438-451.	1.6	4
674	Old meets new: Combination of PLA and RDRP to obtain sophisticated macromolecular architectures. Progress in Polymer Science, 2018, 76, 111-150.	11.8	37
675	Configurationally flexible zinc complexes as catalysts for <i>rac</i> -lactide polymerisation. Dalton Transactions, 2018, 47, 16279-16291.	1.6	10
676	Phosphazene Bases as Organocatalysts for Ringâ€Opening Polymerization of Cyclic Esters. Macromolecular Rapid Communications, 2018, 39, e1800485.	2.0	81
677	Synthesis and Xâ€ray Crystal Structures of βâ€Ketoiminate Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1367-1375.	0.6	5
678	Geometry Change in a Series of Zirconium Compounds during Lactide Ring-Opening Polymerization. Organometallics, 2018, 37, 4040-4047.	1.1	17
679	Facile Preparation of Stereoblock PLA From Ring-Opening Polymerization of rac-Lactide by a Synergetic Binary Catalytic System Containing Ureas and Alkoxides. Frontiers in Chemistry, 2018, 6, 547.	1.8	29
680	Exploring Oxidation State-Dependent Selectivity in Polymerization of Cyclic Esters and Carbonates with Zinc(II) Complexes. IScience, 2018, 7, 120-131.	1.9	13
681	Effects of Chain Ends on Thermal and Mechanical Properties and Recyclability of Poly($\langle i \rangle \hat{l}^3 \langle i \rangle \hat{a} \in butyrolactone$). Journal of Polymer Science Part A, 2018, 56, 2271-2279.	2.5	29
682	Aluminum Complexes Based on Tridentate Amidoalkoxide NNO-Ligands: Synthesis, Structure, and Properties. Journal of Organometallic Chemistry, 2018, 875, 11-23.	0.8	13
683	Catalytic-Site-Mediated Chain-End Control in the Polymerization of rac-Lactide with Copper Iminopyrrolide Complexes. Organometallics, 2018, 37, 1751-1759.	1.1	16
684	Serendipitous Synthesis Found in the Nuances of Homoleptic Zinc Complex Formation. Inorganic Chemistry, 2018, 57, 8169-8180.	1.9	5

#	Article	IF	CITATIONS
685	Low valent Al(<scp>ii</scp>)–Al(<scp>ii</scp>) catalysts as highly active ε-caprolactone polymerization catalysts: indication of metal cooperativity through DFT studies. Dalton Transactions, 2018, 47, 13800-13808.	1.6	35
686	Lewis Pair Catalysts in the Polymerization of Lactide and Related Cyclic Esters. Molecules, 2018, 23, 189.	1.7	32
687	Dinuclear iminophenoxide copper complexes in <i>rac</i> lactide polymerisation. Dalton Transactions, 2018, 47, 10147-10161.	1.6	4
688	Steric $\langle i \rangle vs. \langle i \rangle$ electronic stereocontrol in syndio- or iso-selective ROP of functional chiral \hat{l}^2 -lactones mediated by achiral yttrium-bisphenolate complexes. Chemical Communications, 2018, 54, 8024-8031.	2.2	59
689	Significant enhancement of catalytic properties in mononuclear yttrium complexes by nitrophenolateâ€type ligands: Synthesis, structure, and catalysis for lactide polymerization. Journal of Polymer Science Part A, 2019, 57, 2038-2047.	2.5	7
690	The Dualâ€Stereocontrol Mechanism: Heteroselective Polymerization of rac â€Lactide and Syndioselective Polymerization of meso â€Lactide by Chiral Aluminum Salan Catalysts. Angewandte Chemie, 2019, 131, 14821-14827.	1.6	9
691	The Dualâ€Stereocontrol Mechanism: Heteroselective Polymerization of rac â€Lactide and Syndioselective Polymerization of meso â€Lactide by Chiral Aluminum Salan Catalysts. Angewandte Chemie - International Edition, 2019, 58, 14679-14685.	7.2	47
692	Ring-Opening Polymerization of Îμ-Caprolactone Initiated by Multinuclear Aluminum Methanetris(aryloxido) Complexes. Organometallics, 2019, 38, 4233-4243.	1.1	8
693	Ring-Opening Polymerization of L-lactide Initiated by Samarium(III) Acetate. Current Applied Polymer Science, 2019, 3, 112-119.	0.2	1
694	Titanium, zirconium and hafnium complexes bearing amino-benzotriazole phenolate ligands as efficient catalysts for ring-opening polymerization of lactides. Inorganic Chemistry Communication, 2019, 109, 107561.	1.8	6
695	Phenoxyamidine Zn and Al Complexes: Synthesis, Characterization, and Use in the Ring-Opening Polymerization of Lactide. Organometallics, 2019, 38, 4147-4157.	1.1	16
696	Improvement in zinc complexes bearing Schiff base in ring-opening polymerization of Îμ-caprolactone: A five-membered ring system. Polymer, 2019, 182, 121812.	1.8	13
697	Recent Trends in Catalytic Polymerizations. ACS Catalysis, 2019, 9, 11153-11188.	5 . 5	194
698	Organometal-catalyzed synthesis of high molecular weight poly-(⟨scp⟩ ⟨scp⟩-lactic acid) with a covalently attached imidazolium salt: performance-enhanced reduced graphene oxide–PLLA biomaterials. New Journal of Chemistry, 2019, 43, 16367-16373.	1.4	6
699	Group 4 permethylindenyl complexes for the polymerisation of <scp>l</scp> -, <scp>d</scp> - and <i>rac</i> -lactide monomers. Dalton Transactions, 2019, 48, 2510-2520.	1.6	14
700	Cooperative Heterobimetallic Catalysts in Coordination Insertion Polymerization. Comments on Inorganic Chemistry, 2019, 39, 27-50.	3.0	21
701	Recent advances in the coordination chemistry of benzotriazole-based ligands. Coordination Chemistry Reviews, 2019, 395, 193-229.	9.5	39
702	Magnesium and zinc alkoxides and aryloxides supported by commercially available ligands as promoters of chemical transformations of lactic acid derivatives to industrially important fine chemicals. Coordination Chemistry Reviews, 2019, 396, 72-88.	9.5	25

#	Article	IF	CITATIONS
703	Geometry, stability and aromaticity of \hat{l}^2 -diketiminate-coordinated alkaline-earth compounds. Chinese Chemical Letters, 2019, 30, 2249-2253.	4.8	10
704	Rare-earth metal complexes as catalysts for ring-opening polymerization of cyclic esters. Coordination Chemistry Reviews, 2019, 392, 83-145.	9.5	128
705	A new, simple, and efficient strategy for the preparation of active antifungal biodegradable materials <i>via</i> ring-opening polymerization of <scp>l</scp> -lactide with zinc aryloxides. Dalton Transactions, 2019, 48, 8193-8208.	1.6	4
706	Discrete iron-based complexes: Applications in homogeneous coordination-insertion polymerization catalysis. Coordination Chemistry Reviews, 2019, 390, 127-170.	9.5	43
707	Electronic influence of ligand substituents in the ring-opening polymerization of l-Lactide promoted by OSSO-type zirconium complexes. Molecular Catalysis, 2019, 471, 54-59.	1.0	11
708	Salen complexes of zirconium and hafnium: synthesis, structural characterization and polymerization studies. Polymer Chemistry, 2019, 10, 3444-3460.	1.9	20
709	Entropically Driven Macrolide Polymerizations for the Synthesis of Aliphatic Polyester Copolymers Using Titanium Isopropoxide. Macromolecules, 2019, 52, 2371-2383.	2.2	31
710	Yttriumâ€Mediated Ringâ€Opening Copolymerization of Oppositely Configurated 4â€Alkoxymethyleneâ€Pâ€Propiolactones: Effective Access to Highly Alternated Isotactic Functional PHAs. Chemistry - A European Journal, 2019, 25, 6412-6424.	1.7	17
711	$\hat{l}\mu$ -Caprolactone: Activated monomer polymerization; controversy over the mechanism of polymerization catalyzed by phosphorus acids (diarylhydrogen phosphates). Do acids also act as initiators?. Journal of Catalysis, 2019, 371, 305-312.	3.1	17
712	Lanthanide bis(borohydride) complexes coordinated by tetradentate phenoxide ligand: Synthesis, structure, and catalytic activity in ring-opening polymerization of rac-lactide and Îμ-caprolactone. Inorganica Chimica Acta, 2019, 489, 132-139.	1.2	8
713	Coordination Ring-Opening Polymerization of Cyclic Esters: A Critical Overview of DFT Modeling and Visualization of the Reaction Mechanisms. Molecules, 2019, 24, 4117.	1.7	45
714	Re-evaluation of the ring-opening polymerization of $\hat{l}\mu$ -caprolactone catalyzed by dialkylmagnesium reagents. European Polymer Journal, 2019, 112, 45-50.	2.6	5
715	Computational Prediction and Experimental Verification of ε-Caprolactone Ring-Opening Polymerization Activity by an Aluminum Complex of an Indolide/Schiff-Base Ligand. ACS Catalysis, 2019, 9, 885-889.	5.5	20
716	Diverse Coordinative Zinc Complexes Containing Amido-Pyridinate Ligands: Structural and Catalytic Studies. Frontiers in Chemistry, 2018, 6, 615.	1.8	3
717	Molecular bionics – engineering biomaterials at the molecular level using biological principles. Biomaterials, 2019, 192, 26-50.	5.7	35
718	Tetradentate iminophenolate copper complexes in rac-lactide polymerization. Canadian Journal of Chemistry, 2019, 97, 131-139.	0.6	2
719	Food Sweetener Saccharin in Binary Organocatalyst for Bulk Ringâ€Opening Polymerization of Lactide. Advanced Synthesis and Catalysis, 2019, 361, 1335-1347.	2.1	19
720	Ring opening polymerization and copolymerization of Lâ€lactide and É›â€caprolactone by <i>bis</i> â€ligated magnesium complexes. Journal of Polymer Science Part A, 2019, 57, 48-59.	2.5	25

#	Article	IF	CITATIONS
721	Theoretical insight into the redox-switchable activity of group 4 metal complexes for the ring-opening polymerization of $\hat{l}\mu$ -caprolactone. Inorganic Chemistry Frontiers, 2020, 7, 961-971.	3.0	23
722	Synthesis and structures of mono- and di-nuclear aluminium and zinc complexes bearing î±-diimine and related ligands, and their use in the ring opening polymerization of cyclic esters. Dalton Transactions, 2020, 49, 1456-1472.	1.6	15
723	Organoborane Strategy for Polymers Bearing Lactone, Ester, and Alcohol Functionality. Macromolecules, 2020, 53, 249-255.	2.2	14
724	A New Look on Octet-Compliant Macrocyclic Organoaluminum Carboxylates as Dormant Poly-Lewis Acids. European Journal of Inorganic Chemistry, 2020, 2020, 119-127.	1.0	6
725	Synthesis and characterization of aminophenolate-ligated rare-earth metal amide complexes and their catalytic activity for lactides polymerization. Journal of Rare Earths, 2020, 38, 921-926.	2.5	4
726	Comparative bindings of lactones, lactide, and cyclic carbonates: experimental insights into the coordination step of polymerization. Dalton Transactions, 2020, 49, 14378-14382.	1.6	3
727	<scp> </scp> - and <i>rac</i> -lactide polymerisation using scandium and aluminium permethylindenyl complexes. Polymer Chemistry, 2020, 11, 6308-6318.	1.9	2
728	Phosphasalen group IV metal complexes: synthesis, characterization and ring opening polymerization of lactide. Dalton Transactions, 2020, 49, 6989-7004.	1.6	13
729	Electronegativity and location of anionic ligands drive yttrium NMR for molecular, surface and solid-state structures. Chemical Science, 2020, 11, 6724-6735.	3.7	15
730	Controlled and highly effective ringâ€opening polymerization of αâ€chloroâ€Îµâ€caprolactone using Znâ€∙and Alâ€based catalysts. Journal of Polymer Science, 2020, 58, 1197-1206.	2.0	5
731	An unprecedented transformation mode in aluminium oxazolineâ€amidoâ€phenolate complexes. Applied Organometallic Chemistry, 2020, 34, e5464.	1.7	5
732	The Coordination Chemistry of Yttrium Complexes Supported by Multidentate Nitrogen Ancillary Ligands. , 2021, , 40-72.		0
733	Synthesis of dihydroxy telechelic oligomers of $\hat{l}^2\hat{a}\in but$ yrolactone catalyzed by titanium(IV) $\hat{a}\in a$ lkoxides and their use as macrodiols in polyurethane chemistry. Journal of Polymer Science, 2021, 59, 274-281.	2.0	4
734	Non-metal with metal behavior: metal-free coordination-insertion ring-opening polymerization. Chemical Science, 2021, 12, 10732-10741.	3.7	5
735	Bimetallic aluminum complexes bearing novel spiro-phenanthrene-monoketone/OH derivatives: synthesis, characterization and the ring-opening polymerization of $\hat{l}\mu$ -caprolactone. RSC Advances, 2021, 11, 13274-13281.	1.7	9
736	Metal Complexes as Catalysts/Moderators for Polymerization Reactions. , 2021, , 410-464.		3
737	Living Polymerization of Chiral <i>O</i> -Carboxyanhydride of Mandelic Acid and Precise Stereoblock Copolymer Syntheses Using Highly Active OOO-Tridentate Bis(phenolate) Zinc Complexes. Macromolecules, 2021, 54, 2232-2241.	2.2	9
738	Macrocycles in dual role: ancillary ligands in metal complexes and organocatalysts for the ring-opening polymerization of lactide. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2021, 100, 1-36.	0.9	4

#	Article	lF	Citations
739	Ring-Opening Polymerization of 2,2-Dimethyltrimethylene Carbonate Using Samarium Acetate(III) as an Initiator. Polymer Science - Series B, 2021, 63, 94-102.	0.3	O
740	Hybrid monomer design for unifying conflicting polymerizability, recyclability, and performance properties. CheM, 2021, 7, 670-685.	5.8	83
741	Isoselective Polymerization of rac â€Lactide by Aluminum Complexes of Nâ€Heterocyclic Carbeneâ€Phosphinidene Adducts. Chemistry - A European Journal, 2021, 27, 5913-5918.	1.7	15
742	Benzoxazole phenoxide ligand supported group IV catalysts and their application for the ringâ€opening polymerization of rac â€lactide and ε â€caprolactone. Polymers for Advanced Technologies, 2021, 32, 3392-3401.	1.6	3
743	NSSN-Type Group 4 Metal Complexes in the Ring-Opening Polymerization of <scp>l</scp> -Lactide. Inorganic Chemistry, 2021, 60, 7561-7572.	1.9	8
744	N-heterocyclic carbene complexes in ring opening polymerization. European Polymer Journal, 2021, 150, 110412.	2.6	13
745	Fluorinated <i>β</i> àêKetoiminate Zinc Complexes: Synthesis, Structure and Catalytic Activity in Ring Opening Polymerization of Lactide. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1744-1750.	0.6	5
746	Alkali and Alkaline Earth Metal Complexes as Versatile Catalysts for Ringâ€Opening Polymerization of Cyclic Esters. Chemical Record, 2021, 21, 1898-1911.	2.9	16
747	Polymeric Composite Matrix with High Biobased Content as Pharmaceutically Relevant Molecular Encapsulation and Release Platform. ACS Applied Materials & Interfaces, 2021, 13, 40229-40248.	4.0	10
748	Aluminium complexes supported by a thioether-bridged salen ligand: synthesis, characterization and application in $\hat{l}\mu$ -caprolactone homopolymerization and copolymerization with L-lactide. Journal of Organometallic Chemistry, 2021, 951, 122007.	0.8	2
749	Recent development of alkali metal complex promoted iso-selective ring-opening polymerization of rac-Lactide. Current Opinion in Green and Sustainable Chemistry, 2021, 31, 100545.	3.2	8
750	Ring-opening polymerisation of l- and rac-lactide using group 4 permethylpentalene aryloxides and alkoxides. Dalton Transactions, 2021, 50, 4805-4818.	1.6	4
751	Scandium calix[$\langle i \rangle n \langle i \rangle$] arenes ($\langle i \rangle n \langle i \rangle = 4, 6, 8$): structural, cytotoxicity and ring opening polymerization studies. Dalton Transactions, 2021, 50, 8302-8306.	1.6	4
752	New lanthanoid biphenolate complexes, their further reactivity with trimethylaluminium and catalytic activity for the polymerisation of rac-lactide. Dalton Transactions, 2021, 50, 14653-14661.	1.6	4
753	Alkaline Earth Metalâ€Mediated Highly Isoâ€selective Ringâ€Opening Polymerization of rac â€Lactide. Chemistry - an Asian Journal, 2020, 15, 860-866.	1.7	9
754	Effect of end-group modification of poly(lactide)s by cinnamoyl chloride on their thermal stability. Polymer Degradation and Stability, 2017, 141, 97-103.	2.7	7
755	Zinc Complexes of New Chiral Aminophenolate Ligands: Synthesis, Characterization and Reactivity toward Lactide. Open Journal of Inorganic Chemistry, 2016, 06, 205-218.	0.7	3
756	Investigation of the Mechanisms and Kinetics of DBU-Catalyzed PLGA Copolymerization via a Full-Scale Population Balance Analysis. Industrial & Engineering Chemistry Research, 2021, 60, 14685-14700.	1.8	4

#	ARTICLE	IF	CITATIONS
757	Highly Active Homoleptic Zinc and Magnesium Complexes Supported by Constrained Reduced Schiff Base Ligands for the Ring-Opening Polymerization of Lactide. Inorganic Chemistry, 2021, 60, 17114-17122.	1.9	12
758	Polymeric Scaffolds for Regenerative Medicine. , 2009, , 467-495.		0
759	Polymerization of <l>ε</l> -Caprolactone and Copolymerization with <l>rac</l> -Lactide Cata-lyzed by Mono(amidinate) Aluminum Complexes. Chinese Journal of Catalysis, 2011, 32, 189-196.	6.9	2
760	Lactide polymerization using a sterically encumbered, flexible zinc complex. Canadian Journal of Chemistry, 0 , , .	0.6	0
761	Complexity of imine and amine Schiff-base tin(<scp>ii</scp>) complexes: drastic differences of amino and pyridyl side arms. Dalton Transactions, 2022, 51, 509-517.	1.6	6
762	N-Heterocyclic carbene iron complexes catalyze the ring-opening polymerization of lactide. Catalysis Science and Technology, 2022, 12, 996-1004.	2.1	15
763	Defining the Macromolecules of Tomorrow through Synergistic Sustainable Polymer Research. Chemical Reviews, 2022, 122, 6322-6373.	23.0	99
764	Progress in Catalytic Ring-Opening Polymerization of Biobased Lactones. Advances in Polymer Science, 2022, , 197-267.	0.4	5
768	Mixed-metal calix[8] arene complexes: structure, and ring opening polymerisation studies. Chemical Communications, 2022, 58, 7427-7430.	2.2	2
769	Structural Tuning Enhanced Catalytic Activity of Amido Aluminum Complexes for the Ring-Opening Polymerization of ε-Caprolactone. Journal of Organometallic Chemistry, 2022, , 122493.	0.8	2
770	A Review of Research on Recyclable Polymer Materials. MATEC Web of Conferences, 2022, 363, 01025.	0.1	0
771	Scalable and Room-Temperature Ring-Opening Polymerization of ε-Caprolactone Catalyzed by Active Lithium Tetramethylene-Tethered ⟨i⟩Bis⟨ i⟩[⟨i⟩N⟨ i⟩-(⟨i⟩N⟨ i⟩′-butylimidazol-2-ylidene)] ⟨i⟩N⟨ i⟩-Heterocyclic Carbene as a Lewis Acid Organocatalyst. Journal of Organic Chemistry, 2022, 87, 12052-12064.	1.7	1
772	Nâ€Heterocyclic Carbeneâ€Based Zinc Complexes: Same Precursors for Different Lactide Ringâ€Opening Polymerization Mechanisms ChemCatChem, 2022, 14, .	1.8	4
774	Ring-opening polymerization of cyclic esters mediated by zinc complexes coordinated with benzotriazo-based imino-phenoxy ligands. Polymer, 2023, 267, 125687.	1.8	4
775	Ring-opening polymerization of $\hat{l}\mu$ -caprolactone and L-lactide using ethyl salicylate-bearing zinc complexes as catalysts. Molecular Catalysis, 2023, 537, 112965.	1.0	0
776	Stride Strategy to Enable a Quasi-ergodic Search of Reaction Pathways Demonstrated by Ring-opening Polymerization of Cyclic Esters. Chinese Journal of Polymer Science (English Edition), 2023, 41, 745-759.	2.0	4
777	Radical and Ring-Opening Polymerizations with Aryl-Substituted Methylene-Bridged Titanium Bisphenolates. Organometallics, 2023, 42, 414-434.	1.1	0
778	Iron–Aryloxide Complex Bearing Bis(dipyrromethene) Ligands for the Ring-Opening Polymerization of Îμ-Caprolactone. Organometallics, 2023, 42, 565-570.	1.1	2

#	ARTICLE	IF	CITATIONS
779	Exploring ligand substituent effects on stereoselective polymerization of racemic lactide using aluminium salen-type complexes. Polymer Chemistry, 2023, 14, 2174-2180.	1.9	2
784	Mixed-magnesium/zinc calix [4] arene complexes: structure, and ring opening polymerisation studies. Chemical Communications, 0 , , .	2.2	O