Jean-Francois Carpentier

List of Publications by Year
in descending order

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365 papers	17,655 citations	12303 69 h-index	25716 108 g-index
398 all docs	398 docs citations	398 times ranked	7123 citing authors

#	Article	IF	Citations
1	Tacticity Control of Cyclic Poly(3â€Thiobutyrate) Prepared by Ringâ€Opening Polymerization of Racemic Î²â€Thiobutyrolactone. Angewandte Chemie - International Edition, 2022, 61, .	7.2	26
2	Upgrading Toughness and the Glass Transition Temperature of Polydicyclopentadiene upon Addition of Styreneâ€"Ethyleneâ€"Butyleneâ€"Styrene Thermoplastic Elastomer. ACS Applied Polymer Materials, 2022, 4, 2251-2255.	2.0	2
3	Tacticity Control of Cyclic Poly(3â€Thiobutyrate) Prepared by Ringâ€Opening Polymerization of Racemic Î²â€Thiobutyrolactone. Angewandte Chemie, 2022, 134, .	1.6	4
4	Heteroleptic carbazolato-barium hydroborates and a related separated ion pair. Polyhedron, 2022, 217, 115731.	1.0	2
5	Group 12 and 13 metal-alkenyl promoted generation of long-chain branching in metallocene-based polyethylene. European Polymer Journal, 2022, 173, 111257.	2.6	4
6	Meso- and Rac-[bis(3-phenyl-6-tert-butylinden-1-yl)dimethylsilyl]zirconium Dichloride: Precatalysts for the Production of Differentiated Polyethylene Products with Enhanced Properties. Polymers, 2022, 14, 2217.	2.0	1
7	Polythioesters Prepared by Ringâ€Opening Polymerization of Cyclic Thioesters and Related Monomers. Chemistry - an Asian Journal, 2022, 17, .	1.7	22
8	Metalâ€"metal bonded alkaline-earth distannyls. Chemical Science, 2021, 12, 7098-7114.	3.7	4
9	Bis(imino)carbazolate lead(ii) fluoride and related halides. Dalton Transactions, 2021, 50, 9021-9025.	1.6	1
10	Bonding analysis in ytterbium(ii) distannyl and related tetryls. Dalton Transactions, 2021, 50, 14273-14284.	1.6	1
11	Ruthenium â€Catalyzed Coupling Reactions of CO 2 with C 2 H 4 and Hydrosilanes towards Silyl Esters. Chemistry - A European Journal, 2021, 27, 3997-4003.	1.7	4
12	Modular Synthesis of 9,10-Dihydroacridines through an ortho-C Alkenylation/Hydroarylation Sequence between Anilines and Aryl Alkynes in Hexafluoroisopropanol. Organic Letters, 2021, 23, 2565-2570.	2.4	21
13	Al-alkenyl-induced formation of long-chain branched polyethylene via coordinative tandem insertion and chain-transfer polymerization using (nBuCp)2ZrCl2/MAO systems: An experimental and theoretical study. European Polymer Journal, 2021, 154, 110567.	2.6	7
14	Bonding in Barium Boryloxides, Siloxides, Phenoxides and Silazides: A Comparison with the Lighter Alkaline Earths. Chemistry - A European Journal, 2021, 27, 11966-11982.	1.7	8
15	Propylene Polymerization and Deactivation Processes with Isoselective {Cp/Flu} Zirconocene Catalysts. Catalysts, 2021, 11, 959.	1.6	1
16	{Cyclopentadienyl/Fluorenyl}â€Group 4 ansa â€Metallocene Catalysts for Production of Tailorâ€Made Polyolefins. Chemical Record, 2021, 21, 357-375.	2.9	6
17	Synthesis of Bridged Tetrahydrobenzo[b]azepines and Derivatives through an Azaâ€Piancatelli Cyclization/Michael Addition Sequence. Angewandte Chemie - International Edition, 2020, 59, 1134-1138.	7.2	45
18	Recent Advances in Metalâ€Mediated Stereoselective Ringâ€Opening Polymerization of Functional Cyclic Esters towards Wellâ€Defined Poly(hydroxy acid)s: From Stereoselectivity to Sequenceâ€Control. Chemistry - A European Journal, 2020, 26, 128-138.	1.7	92

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19	Frontispiece: Recent Advances in Metalâ€Mediated Stereoselective Ringâ€Opening Polymerization of Functional Cyclic Esters towards Wellâ€Defined Poly(hydroxy acid)s: From Stereoselectivity to Sequenceâ€Control. Chemistry - A European Journal, 2020, 26, .	1.7	0
20	Paraffin-Inert Atmospheric Solid Analysis Probe: A Fast and Easy Approach To Characterize Extremely Air-Sensitive Organometallic Complexes by Mass Spectrometry. Analytical Chemistry, 2020, 92, 2922-2925.	3.2	3
21	Bariumâ€Catalysed Dehydrocoupling of Hydrosilanes and Borinic Acids: A Mechanistic Insight. Chemistry - A European Journal, 2020, 26, 3535-3544.	1.7	8
22	Polyolefin/Polyether Alternated Copolymers: Silyl-Modified Polymers as Promising Monocomponent Precursors to Adhesives. ACS Applied Polymer Materials, 2020, 2, 5135-5146.	2.0	2
23	Long-Chain Branched Polyethylene via Coordinative Tandem Insertion and Chain-Transfer Polymerization Using rac-{EBTHI}ZrCl₂/MAO/Alâ€"alkenyl Combinations: An Experimental and Theoretical Study. Macromolecules, 2020, 53, 8847-8857.	2.2	15
24	A versatile nitrogen ligand for alkaline-earth chemistry. Dalton Transactions, 2020, 49, 11878-11889.	1.6	15
25	Lewis Acid/Hexafluoroisopropanol: A Promoter System for Selective ortho-C-Alkylation of Anilines with Deactivated Styrene Derivatives and Unactivated Alkenes. ACS Catalysis, 2020, 10, 10794-10802.	5.5	63
26	Alkaline-earth complexes with macrocyclic-functionalised bis(phenolate)s and bis(fluoroalkoxide)s. Dalton Transactions, 2020, 49, 13017-13028.	1.6	3
27	Organocatalyzed ring-opening polymerization (ROP) of functional Î²-lactones: new insights into the ROP mechanism and poly(hydroxyalkanoate)s (PHAs) macromolecular structure. Polymer Chemistry, 2020, 11, 2640-2652.	1.9	19
28	Ring-opening (co)polymerization of six-membered substituted Î´-valerolactones with alkali metal alkoxides. European Polymer Journal, 2020, 134, 109858.	2.6	27
29	Bariumâ€Catalysed Dehydrocoupling of Hydrosilanes and Borinic Acids: A Mechanistic Insight. Chemistry - A European Journal, 2020, 26, 3445-3445.	1.7	1
30	Bis(imino)carbazolate: A Master Key for Barium Chemistry. Angewandte Chemie - International Edition, 2020, 59, 9120-9126.	7.2	17
31	Asymmetric Allylic Alkylation of Î²-Ketoesters via Câ€"N Bond Cleavage of N-Allyl-N-methylaniline Derivatives Catalyzed by a Nickelâ€"Diphosphine System. ACS Catalysis, 2020, 10, 5828-5839.	5.5	32
32	Barium Siloxides and Catalysed Formation of Siâˆ'Oâˆ'Si' Motifs. Chemistry - A European Journal, 2019, 25, 13509-13513.	1.7	16
33	Non-Isocyanate Polythiourethanes (NIPTUs) from Cyclodithiocarbonate Telechelic Polyethers. Macromolecules, 2019, 52, 5838-5849.	2.2	17
34	Coupling Rhodiumâ€Catalyzed Hydroformylation of 10â€Undecenitrile with Organic Solvent Nanofiltration: Toluene Solution versus Solventâ€Free Processes. ChemPlusChem, 2019, 84, 1744-1760.	1.3	4
35	Zirconocene-Catalyzed Polymerization of Î±-Olefins: When Intrinsic Higher Activity Is Flawed by Rapid Deactivation. Organometallics, 2019, 38, 2664-2673.	1.1	16
36	Î±,Ï‰-Bis(trialkoxysilyl) Telechelic Polyolefin/Polyether Copolymers for Adhesive Applications Using Ring-Opening Insertion Metathesis Polymerization Combined with a Chain-Transfer Agent. ACS Applied Polymer Materials, 2019, 1, 1540-1546.	2.0	3

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37	Barium complexes with crown-ether-functionalised amidinate and iminoanilide ligands for the hydrophosphination of vinylarenes. Dalton Transactions, 2019, 48, 9173-9180.	1.6	16
38	Metalâ‹…â‹…â‹…Fâˆ’C Bonding in Lowâ€Coordinate Alkaline Earth Fluoroarylamides. Chemistry - A European Journal, 2019, 25, 8854-8864.	1.7	16
39	Heterobimetallic Ba/Li and Ca/Li amides and diphenylmethanide. Dalton Transactions, 2019, 48, 5500-5504.	1.6	6
40	Î±,Ï‰-Di(vinylene carbonate) telechelic polyolefins: Synthesis by metathesis reactions and studies as potential precursors toward hydroxy-oxazolidone-based polyolefin NIPUs. European Polymer Journal, 2019, 116, 144-157.	2.6	5
41	Yttriumâ€Mediated Ringâ€Opening Copolymerization of Oppositely Configurated 4â€Alkoxymethyleneâ€Î²â€Propiolactones: Effective Access to Highly Alternated Isotactic Functional PHAs. Chemistry - A European Journal, 2019, 25, 6412-6424.	1.7	17
42	Quantification of active sites in single-site group 4 metal olefin polymerization catalysis. Coordination Chemistry Reviews, 2019, 386, 50-68.	9.5	41
43	In My Element: Yttrium. Chemistry - A European Journal, 2019, 25, 2379-2379.	1.7	0
44	Secondary (Agostic Siâ€“H/Electrostatic Câ€“F) Interactions in Alkaline Earth-based Catalysts. RSC Catalysis Series, 2019, , 94-121.	0.1	0
45	Rhenium and Manganese Complexes Bearing Amino-Bis(phosphinite) Ligands: Synthesis, Characterization, and Catalytic Activity in Hydrogenation of Ketones. Organometallics, 2018, 37, 1271-1279.	1.1	33
46	Synthesis and structural characterization of zirconium complexes supported by tridentate pyrrolide-imino ligands with pendant N-, O- and S-donor groups and their application in ethylene polymerization. New Journal of Chemistry, 2018, 42, 1477-1483.	1.4	10
47	Secondary interactions â€“ Cement in trinuclear calcium complexes. Inorganica Chimica Acta, 2018, 475, 59-64.	1.2	5
48	Î±,Ï‰-Epoxide, Oxetane, and Dithiocarbonate Telechelic Copolyolefins: Access by Ring-Opening Metathesis/Cross-Metathesis Polymerization (ROMP/CM) of Cycloolefins in the Presence of Functional Symmetric Chain-Transfer Agents. Polymers, 2018, 10, 1241.	2.0	8
49	Synthesis, APPI Mass-Spectrometric Characterization, and Polymerization Studies of Group 4 Dinuclear Bis(ansa-metallocene) Complexes. Catalysts, 2018, 8, 558.	1.6	5
50	Trinuclear tris(ansa-metallocene) complexes of zirconium and hafnium for olefin polymerization. Journal of Organometallic Chemistry, 2018, 878, 19-29.	0.8	6
51	Azlactone Telechelic Polyolefins as Precursors to Polyamides: A Combination of Metathesis Polymerization and Polyaddition Reactions. Macromolecules, 2018, 51, 8084-8099.	2.2	14
52	Evaluation of Band-Selective HSQC and HMBC: Methodological Validation on the Cyclosporin Cyclic Peptide and Application for Poly(3-hydroxyalkanoate)s Stereoregularity Determination. Polymers, 2018, 10, 533.	2.0	4
53	Rhodium-Biphephos-Catalyzed Tandem Isomerizationâ€“Hydroformylation of Oleonitrile. Catalysts, 2018, 8, 21.	1.6	7
54	Insights in the Rhodium-Catalyzed Tandem Isomerization-Hydroformylation of 10-Undecenitrile: Evidence for a Fast Isomerization Regime. Catalysts, 2018, 8, 148.	1.6	4

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55	Lowâ€Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. Angewandte Chemie - International Edition, 2018, 57, 11747-11751.	7.2	27
56	Lowâ€Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. Angewandte Chemie, 2018, 130, 11921-11925.	1.6	12
57	A Theoretical Outlook on the Stereoselectivity Origins of Isoselective Zirconocene Propylene Polymerization Catalysts. Chemistry - A European Journal, 2018, 24, 10784-10792.	1.7	11
58	Steric vs. electronic stereocontrol in syndio- or iso-selective ROP of functional chiral Î²-lactones mediated by achiral yttrium-bisphenolate complexes. Chemical Communications, 2018, 54, 8024-8031.	2.2	59
59	Tuning the properties of Î±,Ï‰-bis(trialkoxysilyl) telechelic copolyolefins from ruthenium-catalyzed chain-transfer ring-opening metathesis polymerization (ROMP). Polymer Chemistry, 2017, 8, 1177-1187.	1.9	28
60	Conformationally dynamic titanium and zirconium cationic complexes of bis(naphthoxy)pyridine ligands: structure, â€œoscillationâ€• and olefin polymerization catalysis. Dalton Transactions, 2017, 46, 3150-3159.	1.6	6
61	Cadmium complexes bearing ^{Me2}N^E^O^{â^'} (E = S, Se) organochalcogenoalkoxides and their zinc and mercury analogues. Dalton Transactions, 2017, 46, 3179-3191.	1.6	10
62	Fogoite-(Y), Na3Ca2Y2Ti(Si2O7)2OF3, a Group I TS-block mineral from the Lagoa do Fogo, the Fogo volcano, SÃ£o Miguel Island, the Azores: Description and crystal structure. Mineralogical Magazine, 2017, 81, 369-381.	0.6	8
63	Ruthenium complexes bearing amino-bis(phosphinite) or amino-bis(aminophosphine) ligands: Application in catalytic ester hydrogenation. Molecular Catalysis, 2017, 432, 15-22.	1.0	8
64	Ï€ Ligands in Alkaline Earth Complexes. Organometallics, 2017, 36, 1269-1277.	1.1	25
65	From Epoxide to Cyclodithiocarbonate Telechelic Polycyclooctene through Chain-Transfer Ring-Opening Metathesis Polymerization (ROMP): Precursors to Non-Isocyanate Polyurethanes (NIPUs). Macromolecules, 2017, 50, 69-82.	2.2	32
66	Simple access to alkoxysilyl telechelic polyolefins from ruthenium-catalyzed cross-metathesis depolymerization of polydienes. European Polymer Journal, 2017, 96, 403-413.	2.6	23
67	Tethered cationic alkaline earth â€“ olefin complexes. Dalton Transactions, 2017, 46, 14785-14794.	1.6	10
68	Heteroleptic lead(II)-halide complexes supported by a bulky iminoanilide ligand. Main Group Metal Chemistry, 2017, 40, .	0.6	3
69	Highly Syndiotactic or Isotactic Polyhydroxyalkanoates by Ligandâ€Controlled Yttriumâ€Catalyzed Stereoselective Ringâ€Opening Polymerization of Functional Racemic Î²â€Lactones. Angewandte Chemie, 2017, 129, 10524-10529.	1.6	13
70	Substitution Effects in Highly Syndioselective Styrene Polymerization Catalysts Based on Single-Component Allyl ansa-Lanthanidocenes: An Experimental and Theoretical Study. Macromolecules, 2017, 50, 6539-6551.	2.2	21
71	Experimental and Computational Investigations on Highly Syndioselective Styreneâ€“Ethylene Copolymerization Catalyzed by Allyl ansa-Lanthanidocenes. Macromolecules, 2017, 50, 9577-9588.	2.2	11
72	Highly Syndiotactic or Isotactic Polyhydroxyalkanoates by Ligandâ€Controlled Yttriumâ€Catalyzed Stereoselective Ringâ€Opening Polymerization of Functional Racemic Î²â€Lactones. Angewandte Chemie - International Edition, 2017, 56, 10388-10393.	7.2	49

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73	K+Â·Â·Â·CÏ€ and K+Â·Â·Â·F Non-Covalent Interactions in Ï€-Functionalized Potassium Fluoroalkoxides. Inorganics, 2017, 5, 13.	1.2	7
74	Engineering of Syndiotactic and Isotactic Polystyrene-Based Copolymers via Stereoselective Catalytic Polymerization. Molecules, 2017, 22, 594.	1.7	16
75	Stereoselective Copolymerization of Styrene with Terpenes Catalyzed by an Ansa-Lanthanidocene Catalyst: Access to New Syndiotactic Polystyrene-Based Materials. Catalysts, 2017, 7, 361.	1.6	24
76	Tailored Cyclic and Linear Polycarbosilazanes by Bariumâ€Catalyzed Nâˆ’H/Hâˆ’Si Dehydrocoupling Reactions. Angewandte Chemie - International Edition, 2016, 55, 3744-3748.	7.2	43
77	Highly Stereocontrolled Ringâ€Opening Polymerization of Racemic Alkyl Î²â€Malolactonates Mediated by Yttrium [Aminoâ€alkoxyâ€bis(phenolate)] Complexes. Chemistry - A European Journal, 2016, 22, 7629-7641.	1.7	24
78	Alkaline Earthâ€“Olefin Complexes with Secondary Interactions. Chemistry - A European Journal, 2016, 22, 6505-6509.	1.7	36
79	Tailored Cyclic and Linear Polycarbosilazanes by Bariumâ€Catalyzed Nâˆ’H/Hâˆ’Si Dehydrocoupling Reactions. Angewandte Chemie, 2016, 128, 3808-3812.	1.6	12
80	Alkalineâ€Earthâ€Catalysed Crossâ€Dehydrocoupling of Amines and Hydrosilanes: Reactivity Trends, Scope and Mechanism. Chemistry - A European Journal, 2016, 22, 4564-4583.	1.7	49
81	Synthesis and structure of the first discrete dinuclear cationic aluminum complexes. Dalton Transactions, 2016, 45, 12346-12351.	1.6	7
82	Î±,Ï‰-Bis(trialkoxysilyl) difunctionalized polycyclooctenes from ruthenium-catalyzed chain-transfer ring-opening metathesis polymerization. Polymer Chemistry, 2016, 7, 4810-4823.	1.9	24
83	Aluminium, gallium and indium complexes supported by a chiral phenolato-prolinolato dianionic ligand. Main Group Metal Chemistry, 2016, 39, .	0.6	9
84	Scandium and yttrium complexes of an hybrid phenoxy-amidopyridinate ligand. Use in ROP of racemic lactide. Journal of Organometallic Chemistry, 2016, 823, 34-39.	0.8	11
85	Sequential Bariumâ€Catalysed Nâˆ’H/Hâˆ’Si Dehydrogenative Crossâ€Couplings: Cyclodisilazanes versus Linear Oligosilazanes. Chemistry - A European Journal, 2016, 22, 15733-15743.	1.7	32
86	Amino Etherâ€“Phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes. Organometallics, 2016, 35, 3261-3271.	1.1	36
87	Calcium, Strontium and Barium Homogeneous Catalysts for Fine Chemicals Synthesis. Chemical Record, 2016, 16, 2482-2505.	2.9	71
88	Alkaliâ€Metalâ€Catalyzed Crossâ€Dehydrogenative Couplings of Hydrosilanes with Amines. ChemCatChem, 2016, 8, 1373-1378.	1.8	48
89	Calcium complexes with imino-phosphinanilido chalcogenide ligands for heterofunctionalisation catalysis. RSC Advances, 2016, 6, 57835-57843.	1.7	19
90	Ruthenium-catalyzed hydroformylation of the functional unsaturated fatty nitrile 10-undecenitrile. Journal of Molecular Catalysis A, 2016, 417, 116-121.	4.8	14

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91	Tandem C(sp²)â€“OMe Activation/C(sp²)â€“C(sp²) Coupling in Early Transition-Metal Complexes: Aromatic Câ€“O Activation beyond Late Transition Metals. Journal of the American Chemical Society, 2016, 138, 4350-4353.	6.6	14
92	Discrete Ionic Complexes of Highly Isoselective Zirconocenes. Solution Dynamics, Trimethylaluminum Adducts, and Implications in Propylene Polymerization. Organometallics, 2016, 35, 258-276.	1.1	37
93	Pentacoordinated Carboxylate Ï€â€Allyl Nickel Complexes as Key Intermediates for the Niâ€Catalyzed Direct Amination of Allylic Alcohols. Chemistry - A European Journal, 2015, 21, 14571-14578.	1.7	66
94	Bariumâ€Mediated Crossâ€Dehydrocoupling of Hydrosilanes with Amines: A Theoretical and Experimental Approach. Angewandte Chemie - International Edition, 2015, 54, 7679-7683.	7.2	65
95	Syndioselective ring-opening polymerization and copolymerization of trans-1,4-cyclohexadiene carbonate mediated by achiral metal- and organo-catalysts. Polymer Chemistry, 2015, 6, 1961-1971.	1.9	28
96	Ethylene carbonate/cyclic ester random copolymers synthesized by ring-opening polymerization. Polymer Chemistry, 2015, 6, 1972-1985.	1.9	22
97	Structure vs ¹¹⁹Sn NMR Chemical Shift in Three-Coordinated Tin(II) Complexes: Experimental Data and Predictive DFT Computations. Organometallics, 2015, 34, 2139-2150.	1.1	42
98	Rhodium versus Iridium Catalysts in the Controlled Tandem Hydroformylationâ€“Isomerization of Functionalized Unsaturated Fatty Substrates. ChemCatChem, 2015, 7, 513-520.	1.8	20
99	Highly Fluorinated Tris(indazolyl)borate Silylamido Complexes of the Heavier Alkaline Earth Metals: Synthesis, Characterization, and Efficient Catalytic Intramolecular Hydroamination. Chemistry - A European Journal, 2015, 21, 4115-4125.	1.7	37
100	Highly Active, Chemoâ€•and Regioselective Yb^{II} and Sm^{II} Catalysts for the Hydrophosphination of Styrene with Phenylphosphine. Chemistry - A European Journal, 2015, 21, 6033-6036.	1.7	40
101	Ethylene oligomerization promoted by chromium complexes bearing pyrrolideâ€“imineâ€“amine/ether tridentate ligands. Dalton Transactions, 2015, 44, 16073-16080.	1.6	24
102	Zwitterionic Ni(<scp>ii</scp>) complexes bearing pyrazolyl-ether-imidazolium ligands: synthesis, structural characterization and use in ethylene oligomerization. New Journal of Chemistry, 2015, 39, 7234-7242.	1.4	6
103	Discrete Cationic Complexes for Ring-Opening Polymerization Catalysis of Cyclic Esters and Epoxides. Chemical Reviews, 2015, 115, 3564-3614.	23.0	244
104	Block and Random Copolymers of 1,2-Cyclohexyl Cyclocarbonate and <scp>l</scp>-Lactide or Trimethylene Carbonate Synthesized by Ring-Opening Polymerization. Macromolecules, 2015, 48, 3247-3256.	2.2	35
105	Beyond Stereoselectivity, Switchable Catalysis: Some of the Last Frontier Challenges in Ringâ€Opening Polymerization of Cyclic Esters. Chemistry - A European Journal, 2015, 21, 7988-8003.	1.7	218
106	Heterobiâ€•and â€trimetallic Ion Pairs of Zirconoceneâ€Based Isoselective Olefin Polymerization Catalysts with AlMe₃. Angewandte Chemie - International Edition, 2015, 54, 6343-6346.	7.2	36
107	Structurally Characterized Lead(II) Alkoxides as Potent Ring-Opening Polymerization Catalysts. Organometallics, 2015, 34, 1321-1327.	1.1	19
108	DFT investigations on the ring-opening polymerization of substituted cyclic carbonates catalyzed by zinc-{Î²-diketiminate} complexes. Polymer Chemistry, 2015, 6, 3336-3352.	1.9	23

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109	Ni(<scp>ii</scp>) complexes bearing pyrrolide-imine ligands with pendant N-, O- and S-donor groups: synthesis, structural characterization and use in ethylene oligomerization. RSC Advances, 2015, 5, 91524-91531.	1.7	21
110	Carboxylic acid derivatives via catalytic carboxylation of unsaturated hydrocarbons: whether the nature of a reductant may determine the mechanism of CO₂incorporation?. Dalton Transactions, 2015, 44, 16212-16223.	1.6	31
111	Î±-Trialkoxysilyl Functionalized Polycyclooctenes Synthesized by Chain-Transfer Ring-Opening Metathesis Polymerization. Macromolecules, 2015, 48, 7453-7465.	2.2	25
112	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
113	Are Solvent and Dispersion Effects Crucial in Olefin Polymerization DFT Calculations? Some Insights from Propylene Coordination and Insertion Reactions with Group 3 and 4 Metallocenes. ACS Catalysis, 2015, 5, 416-425.	5.5	61
114	Zinc, aluminum and group 3 metal complexes of sterically demanding naphthoxy-pyridine ligands: Synthesis, structure, and use in ROP of racemic lactide and Î²-butyrolactone. Inorganica Chimica Acta, 2015, 431, 161-175.	1.2	15
115	Synthesis, Characterization and Ethylene Oligomerization Studies of Chromium Complexes Bearing Imino-Furfural Ligands. Journal of the Brazilian Chemical Society, 2014, , .	0.6	0
116	iPPâ€“sPP Stereoblocks or Blends? Studies on the Synthesis of Isotacticâ€“Syndiotactic Polypropylene Using Single C₁â€Symmetric {Ph₂Câ€(Flu)(3â€Me₃Siâ€Cp)}ZrR₂ Metallocene Precatalysts. Macromolecular Chemistry and Physics, 2014, 215, 2035-2047.	1.1	4
117	Chiral (1,2)â€Diphenylethyleneâ€Salen Complexes of Triel Metals: Coordination Patterns and Mechanistic Considerations in the Isoselective ROP of Lactide. Chemistry - A European Journal, 2014, 20, 6131-6147.	1.7	89
118	Stable divalent germanium, tin and lead amino(ether)-phenolate monomeric complexes: structural features, inclusion heterobimetallic complexes, and ROP catalysis. Dalton Transactions, 2014, 43, 4268-4286.	1.6	49
119	Macromolecular engineering via ring-opening polymerization (3): trimethylene carbonate block copolymers derived from glycerol. Polymer Chemistry, 2014, 5, 1229-1240.	1.9	20
120	From Syndiotactic Homopolymers to Chemically Tunable Alternating Copolymers: Highly Active Yttrium Complexes for Stereoselective Ringâ€Opening Polymerization of Î²â€Malolactonates. Angewandte Chemie - International Edition, 2014, 53, 2687-2691.	7.2	77
121	Kinetic Analysis of the Immortal Ring-Opening Polymerization of Cyclic Esters: A Case Study with Tin(II) Catalysts. Macromolecules, 2014, 47, 2574-2584.	2.2	44
122	Yttriumâ€“ and Aluminumâ€“Bis(phenolate)pyridine Complexes: Catalysts and Model Compounds of the Intermediates for the Stereoselective Ring-Opening Polymerization of Racemic Lactide and Î²-Butyrolactone. Organometallics, 2014, 33, 309-321.	1.1	75
123	Discrete O-Lactate and Î²-Alkoxybutyrate Aluminum Pyridineâ€“Bis(naphtholate) Complexes: Models for Mechanistic Investigations in the Ring-Opening Polymerization of Lactides and Î²-Lactones. Organometallics, 2014, 33, 5693-5707.	1.1	43
124	Divalent Heteroleptic Ytterbium Complexes â€“ Effective Catalysts for Intermolecular Styrene Hydrophosphination and Hydroamination. Inorganic Chemistry, 2014, 53, 1654-1661.	1.9	62
125	Î±,Ï‰-Di(glycerol carbonate) telechelic polyesters and polyolefins as precursors to polyhydroxyurethanes: an isocyanate-free approach. Green Chemistry, 2014, 16, 1947-1956.	4.6	93
126	On the coordination chemistry of organochalcogenolates R^{NMe2}^E^{â^'} and R^{NMe2}^E^O^{â^'} (E = S, Se) onto lead(<scp>ii</scp>) and lighter divalent tetrel elements. Dalton Transactions, 2014, 43, 16459-16474.	1.6	30

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127	Ring-opening metathesis polymerization of cyclooctene derivatives with chain transfer agents derived from glycerol carbonate. Polymer Chemistry, 2014, 5, 2583.	1.9	41
128	Potassium and Well-Defined Neutral and Cationic Calcium Fluoroalkoxide Complexes: Structural Features and Reactivity. Organometallics, 2014, 33, 5630-5642.	1.1	43
129	Scandium versus yttrium{amino-alkoxy-bis(phenolate)} complexes for the stereoselective ring-opening polymerization of racemic lactide and Î²-butyrolactone. Dalton Transactions, 2014, 43, 14322-14333.	1.6	40
130	Enantiopure Isotactic PCHC Synthesized by Ring-Opening Polymerization of Cyclohexene Carbonate. Macromolecules, 2014, 47, 4230-4235.	2.2	95
131	From glycidyl carbonate to hydroxyurethane side-groups in alternating fluorinated copolymers. Polymer Chemistry, 2014, 5, 5089.	1.9	12
132	Zirconocene-catalyzed stereoselective cyclocopolymerization of 2-methyl-1,5-hexadiene with propylene. Polymer Chemistry, 2014, 5, 5560.	1.9	5
133	Neutral and Cationic Alkyl and Amido Group 3 Metal Complexes of Amidine-Amidopyridinate Ligands: Synthesis, Structure, and Polymerization Catalytic Activity. European Journal of Inorganic Chemistry, 2014, 2014, 4168-4178.	1.0	17
134	Aluminum, Indium, and Mixed Yttriumâ€“Lithium Complexes Supported by a Chiral Binap-Based Fluorinated Dialkoxide: Structural Features and Heteroselective ROP of Lactide. Organometallics, 2014, 33, 5740-5748.	1.1	65
135	Câ€‰spâ€‰3ï£¿H Bond Activation with Triel Metals: Indium and Gallium Zwitterions through Internal Hydride Abstraction in Rigid Salan Ligands. Chemistry - A European Journal, 2014, 20, 7706-7717.	1.7	8
136	Alkali aminoether-phenolate complexes: synthesis, structural characterization and evidence for an activated monomer ROP mechanism. Dalton Transactions, 2013, 42, 9361.	1.6	68
137	Heteroleptic Tin(II) Initiators for the Ringâ€Opening (Co)Polymerization of Lactide and Trimethylene Carbonate: Mechanistic Insights from Experiments and Computations. Chemistry - A European Journal, 2013, 19, 13463-13478.	1.7	56
138	Poly(hydroxyalkanoate) Block or Random Copolymers of Î²-Butyrolactone and Benzyl Î²-Malolactone: A Matter of Catalytic Tuning. Macromolecules, 2013, 46, 6765-6776.	2.2	58
139	Dinuclear vs. mononuclear complexes: accelerated, metal-dependent ring-opening polymerization of lactide. Chemical Communications, 2013, 49, 11692.	2.2	74
140	Mono- and di-cyclocarbonate telechelic polyolefins synthesized from ROMP using glycerol carbonate derivatives as chain-transfer agents. Polymer Chemistry, 2013, 4, 1313.	1.9	34
141	Rhodiumâ€Catalyzed Tandem Isomerization/Hydroformylation of the Bioâ€Sourced 10â€Undecenenitrile: Selective and Productive Catalysts for Production of Polyamideâ€12 Precursor. Advanced Synthesis and Catalysis, 2013, 355, 3191-3204.	2.1	31
142	Kinetic Analysis of the Living Ringâ€Opening Polymerisation of <scp>L</scp>â€Lactide with Tin(II) Initiators. European Journal of Inorganic Chemistry, 2013, 2013, 5896-5905.	1.0	21
143	Cyclohydroamination of Aminoalkenes Catalyzed by Disilazide Alkalineâ€Earth Metal Complexes: Reactivity Patterns and Deactivation Pathways. Chemistry - A European Journal, 2013, 19, 2784-2802.	1.7	61
144	On the crystallization behavior of syndiotactic-b-atactic polystyrene stereodiblock copolymers, atactic/syndiotactic polystyrene blends, and aPS/sPS blends modified with sPS-b-aPS. Materials Chemistry and Physics, 2013, 141, 891-902.	2.0	8

#	Article	IF	Citations
145	{Phenoxy-imine}aluminum versus -indium Complexes for the Immortal ROP of Lactide: Different Stereocontrol, Different Mechanisms. Organometallics, 2013, 32, 1694-1709.	1.1	131
146	Discrete Divalent Rareâ€Earth Cationic ROP Catalysts: Ligandâ€Dependent Redox Behavior and Discrepancies with Alkalineâ€Earth Analogues in a Ligandâ€Assisted Activated Monomer Mechanism. Chemistry - A European Journal, 2013, 19, 3986-3994.	1.7	69
147	Gallium and indium complexes for ring-opening polymerization of cyclic ethers, esters and carbonates. Coordination Chemistry Reviews, 2013, 257, 1869-1886.	9.5	190
148	Macromolecular engineering via ring-opening polymerization (2): l-lactide/trimethylene carbonate copolymerization â€“ kinetic and microstructural control via catalytic tuning. Polymer Chemistry, 2013, 4, 3686.	1.9	39
149	Organocatalyzed controlled ROP of Î²-lactones towards poly(hydroxyalkanoate)s: from Î²-butyrolactone to benzyl Î²-malolactone polymers. Polymer Chemistry, 2013, 4, 3837.	1.9	43
150	Heteroleptic Alkyl and Amide Iminoanilide Alkaline Earth and Divalent Rare Earth Complexes for the Catalysis of Hydrophosphination and (Cyclo)Hydroamination Reactions. Chemistry - A European Journal, 2013, 19, 13445-13462.	1.7	109
151	Diamido-Ether Actinide Complexes as Initiators for Lactide Ring-Opening Polymerization. Organometallics, 2013, 32, 1183-1192.	1.1	53
152	Alkylyttrium Complexes of Amidineâ€“Amidopyridinate Ligands. Intramolecular C(sp³)â€“H Activation and Reactivity Studies. Organometallics, 2013, 32, 1517-1527.	1.1	24
153	Macromolecular engineering viaring-opening polymerization (1):<scp>l</scp>-lactide/trimethylene carbonate block copolymers as thermoplastic elastomers. Polymer Chemistry, 2013, 4, 1095-1106.	1.9	59
154	Alkaline-Earth Metal Complexes in Homogeneous Polymerization Catalysis. Topics in Organometallic Chemistry, 2013, , 141-189.	0.7	30
155	Rhodiumâ€Catalyzed Homogeneous and Aqueous Biphasic Hydroformylation of the Acrolein Acetal 2â€Vinylâ€5â€Methylâ€1,3â€Dioxane. ChemCatChem, 2013, 5, 1562-1569.	1.8	9
156	Multidimensional Characterization of Î±,Ï‰-Telechelic Poly(Îµ-caprolactone)s via Online Coupling of 2D Chromatographic Methods (LC/SEC) and ESI-TOF/MALDI-TOF-MS. Macromolecules, 2012, 45, 9779-9790.	2.2	30
157	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
158	Allyl strontium compounds: synthesis, molecular structure and properties. Dalton Transactions, 2012, 41, 9176.	1.6	16
159	Diorganodiselenides and zinc(ii) organoselenolates containing (imino)aryl groups of type 2-(RNî€CH)C6H4. Dalton Transactions, 2012, 41, 5060.	1.6	21
160	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
161	Highly Effective Alkaline Earth Catalysts for the Sterically Governed Hydrophosphonylation of Aldehydes and Nonactivated Ketones. Chemistry - A European Journal, 2012, 18, 13259-13264.	1.7	46
162	Controlled ROP of Î²â€Butyrolactone Simply Mediated by Amidine, Guanidine, and Phosphazene Organocatalysts. Macromolecular Rapid Communications, 2012, 33, 1938-1944.	2.0	60

#	Article	IF	Citations
163	Recent advances in metallo/organo-catalyzed immortal ring-opening polymerization of cyclic carbonates. Catalysis Science and Technology, 2012, 2, 898.	2.1	96
164	Cyclodextrin-Centered Polyesters: Controlled Ring-Opening Polymerization of Cyclic Esters from Î²-Cyclodextrin-Diol. Macromolecules, 2012, 45, 1122-1130.	2.2	21
165	Old and New C₁-Symmetric Group 4 Metallocenes {(R¹R²C)-(R^{2â€²}R^{3â€²}R^{6â€²}R^{7â€²}-Flu)(3-R³From Highly Isotactic Polypropylenes to Vinyl End-Capped Isotactic-Enriched Oligomers. Organometallics, 2012, 31, 8375-8387.	1.1	24
166	Meerweinâ€“Ponndorfâ€“Verley-Type Reduction Processes in Aluminum and Indium Isopropoxide Complexes of Imino-Phenolate Ligands. Organometallics, 2012, 31, 5511-5519.	1.1	33
167	Indium Complexes of Fluorinated Dialkoxy-Diimino Salen-like Ligands for Ring-Opening Polymerization ofrac-Lactide: How Does Indium Compare to Aluminum?. Organometallics, 2012, 31, 1448-1457.	1.1	87
168	Î²â€Diketiminatoâ€“Alkaline Earth Cationic Complexes: Synthesis, Structures, Lactide Polymerization and Unusual Oxidative Reactivity of the Ancillary Ligand. European Journal of Inorganic Chemistry, 2012, 2012, 3023-3031.	1.0	31
169	When Bigger Is Better: Intermolecular Hydrofunctionalizations of Activated Alkenes Catalyzed by Heteroleptic Alkaline Earth Complexes. Angewandte Chemie - International Edition, 2012, 51, 4943-4946.	7.2	157
170	Heteroleptic Silylamido Phenolate Complexes of Calcium and the Larger Alkaline Earth Metals: Î²â€Agostic Aeâ‹…â‹…â‹…Siï£¿H Stabilization and Activity in the Ringâ€Opening Polymerization of <scp>L</scp>â€Lactide. Chemistry - A European Journal, 2012, 18, 6289-6301.	1.7	81
171	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
172	Synthesis and Structural Diversity of Group 4 Metal Complexes with Multidentate Tethered Phenoxy-Amidine and Phenoxy-Amidinate Ligands. Organometallics, 2012, 31, 3228-3240.	1.1	17
173	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
174	Synthetic and Mechanistic Aspects of the Immortal Ringâ€Opening Polymerization of Lactide and Trimethylene Carbonate with New Homoâ€and Heteroleptic Tin(II)â€Phenolate Catalysts. Chemistry - A European Journal, 2012, 18, 2998-3013.	1.7	74
175	Neodymium borohydride complexes supported by diamino-bis(phenoxide) ligands: diversity of synthetic and structural chemistry, and catalytic activity in ring-opening polymerization of cyclic esters. New Journal of Chemistry, 2011, 35, 204-212.	1.4	38
176	Encapsulation and controlled release of l-leuprolide from poly(Î²-hydroxyalkanoate)s: impact of microstructure and chemical functionalities. New Journal of Chemistry, 2011, 35, 876.	1.4	14
177	Metal- and Organo-Catalyzed Ring-Opening Polymerization of Î±-Methyl-Trimethylene Carbonate: Insights into the Microstructure of the Polycarbonate. Macromolecules, 2011, 44, 5127-5135.	2.2	43
178	Discrete, Solvent-Free Alkaline-Earth Metal Cations: MetalÂ·Â·Â·Fluorine Interactions and ROP Catalytic Activity. Journal of the American Chemical Society, 2011, 133, 9069-9087.	6.6	202
179	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
180	Chiral-at-ansa-Bridged Group 4 Metallocene Complexes {(R1R2C)-(3,6-tBu2Flu)(3-R3-5-Me-C5H2)}MCl2: Synthesis, Structure, Stereochemistry, and Use in Highly Isoselective Propylene Polymerization. Organometallics, 2011, 30, 263-272.	1.1	24

#	Article	IF	Citations
181	DFT investigations on the ring-opening polymerization of cyclic carbonates catalyzed by zinc-{Î²-diiminate} complexes. Polymer Chemistry, 2011, 2, 2564.	1.9	21
182	Functionalized polycarbonates from dihydroxyacetone: insights into the immortal ring-opening polymerization of 2,2-dimethoxytrimethylene carbonate. Polymer Chemistry, 2011, 2, 2789.	1.9	40
183	Indium(iii) halides as exceptionally active, water-tolerant catalysts for cationic polymerization of styrenics. Polymer Chemistry, 2011, 2, 1638.	1.9	25
184	Chain Growth Polymerization of Isoprene and Stereoselective Isopreneâ€“Styrene Copolymerization Promoted by an ansa-Bis(indenyl)allylâ€“Yttrium Complex. Macromolecules, 2011, 44, 7158-7166.	2.2	47
185	Poly(carbonate-urethane): an isocyanate-free procedure from Î±,Ï‰-di(cyclic carbonate) telechelic poly(trimethylene carbonate)s. Green Chemistry, 2011, 13, 266-271.	4.6	104
186	A dual organic/organometallic approach for catalytic ring-opening polymerization. Chemical Communications, 2011, 47, 9828.	2.2	66
187	Isoselective Styrene Polymerization Catalyzed by ansa-Bis(indenyl) Allyl Rare Earth Complexes. Stereochemical and Mechanistic Aspects. Macromolecules, 2011, 44, 3312-3322.	2.2	40
188	Rare-Earth Complexes with Multidentate Tethered Phenoxy-Amidinate Ligands: Synthesis, Structure, and Activity in Ring-Opening Polymerization of Lactide. Organometallics, 2011, 30, 5509-5523.	1.1	63
189	Nickel-containing di-charged imidazolium ligand with high crystalline organization. Interception and characterization of a transient carbene/cation species. Inorganica Chimica Acta, 2011, 370, 505-512.	1.2	14
190	Boronâ€functionalized poly(3â€hydroxybutyrate)s from hydroboration of poly(allylâ€Î²â€hydroxyalkanoate)s: Synthesis and insights into the microstructure. Journal of Polymer Science Part A, 2011, 49, 907-917.	2.5	24
191	Wellâ€defined Syndiotactic Polystyreneâ€bâ€Atactic Polystyrene Stereoblock Polymers. Macromolecular Rapid Communications, 2011, 32, 751-757.	2.0	15
192	Syndioâ€and Isoselective Coordinative Chain Transfer Polymerization of Styrene Promoted by ansaâ€Lanthanidocene/ Dialkylmagnesium Systems. Advanced Synthesis and Catalysis, 2011, 353, 1367-1374.	2.1	13
193	Exploring Electronic versus Steric Effects in Stereoselective Ringâ€Opening Polymerization of Lactide and Î²â€Butyrolactone with Aminoâ€alkoxyâ€bis(phenolate)â€“Yttrium Complexes. Chemistry - A European Journal, 2011, 17, 1872-1883.	1.7	193
194	Guided acoustic wave resonators using an acoustic Bragg mirror. Applied Physics Letters, 2010, 96, 223504.	1.5	11
195	Metal Triflates as Highly Stable and Active Catalysts for the â€œImmortalâ€•Ringâ€Opening Polymerization of Trimethylene Carbonate. ChemCatChem, 2010, 2, 306-313.	1.8	50
196	Oneâ€Pot Synthesis of Lactideâ€“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
197	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
198	Organocatalysts for the Controlled â€œImmortalâ€•Ringâ€Opening Polymerization of Sixâ€Memberedâ€Ring Cyclic Carbonates: A Metalâ€Free, Green Process. Chemistry - A European Journal, 2010, 16, 13805-13813.	1.7	113

#	Article	IF	Citations
199	Exploitation of a Chainâ€Endâ€Control Mechanism for the Synthesis of Alternating Copolymers. Angewandte Chemie - International Edition, 2010, 49, 2662-2663.	7.2	20
200	Discrete Metal Catalysts for Stereoselective Ringâ€Opening Polymerization of Chiral Racemic Î²â€Lactones. Macromolecular Rapid Communications, 2010, 31, 1696-1705.	2.0	165
201	Discrete allyl complexes of group 3 metals and lanthanides. Comptes Rendus Chimie, 2010, 13, 608-625.	0.2	15
202	Water-tolerant catalyst systems for the bulk cationic polymerization of para-methylstyrene and indene. European Polymer Journal, 2010, 46, 1093-1099.	2.6	4
203	DFT Investigation of the Tacticity Control during Styrene Polymerization Catalyzed by Single-Component Allyl ansa-Lanthanidocenes		

#	Article	IF	Citations
217	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
218	Palladium complexes based on tridentate pyrazolyl-ligands: Synthesis, structures and use in Suzuki cross-coupling reactions. Inorganica Chimica Acta, 2009, 362, 4396-4402.	1.2	11
219	Immortal ring-opening polymerization of Î²-butyrolactone with zinc catalysts: Catalytic approach to poly(3-hydroxyalkanoate). Polymer, 2009, 50, 5909-5917.	1.8	50
220	Group 4 Metal Complexes of Fluorous (Di)Alkoxide-(Di)Imino Ligands: Synthesis, Structure, Olefin Polymerization Catalysis, and Decomposition Pathways. Organometallics, 2009, 28, 606-620.	1.1	33
221	Group 4 Post-metallocene Complexes Incorporating Tridentate Silyl-Substituted Bis(naphthoxy)pyridine and Bis(naphthoxy)thiophene Ligands: Probing Systems for â€œOscillatingâ€•Olefin Polymerization Catalysis. Organometallics, 2009, 28, 5036-5051.	1.1	35
222	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
223	Chromium(III) Complexes of Sterically Crowded Bidentante {ON^R} and Tridentate {ONN^R} Naphthoxy-Imine Ligands: Syntheses, Structures, and Use in Ethylene Oligomerization. Organometallics, 2009, 28, 2401-2409.	1.1	56
224	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
225	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
226	Zinc complexes of fluorous alkoxide-imino ligands: Synthesis, structure, and use in ring-opening polymerization of lactide and Î²-butyrolactone. Dalton Transactions, 2009, , 9010.	1.6	58
227	Syndiotactic-Enriched Poly(3-hydroxybutyrate)s via Stereoselective Ring-Opening Polymerization of Racemic Î²-Butyrolactone with Discrete Yttrium Catalysts. Macromolecules, 2009, 42, 987-993.	2.2	150
228	Groups 3 and 4 single-site catalysts for styreneâ€“ethylene and styreneâ€“Î±-olefin copolymerization. Coordination Chemistry Reviews, 2008, 252, 2137-2154.	9.5	74
229	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
230	Ultraproductive, Zincâ€•Mediated, Immortal Ringâ€•Opening Polymerization of Trimethylene Carbonate. Chemistry - A European Journal, 2008, 14, 8772-8775.	1.7	82
231	Functional Elastomers via Sequential Selective Diene Copolymerization/Hydrophosphorylation Catalysis. Advanced Synthesis and Catalysis, 2008, 350, 431-438.	2.1	10
232	Discrete versus In Situâ€•Generated Aluminumâ€•Salen Catalysts in Enantioselective Cyanosilylation of Ketones: Role of Achiral Ligands. Advanced Synthesis and Catalysis, 2008, 350, 731-740.	2.1	48
233	Stereocontrolled styreneâ€“isoprene copolymerization and styreneâ€“ethyleneâ€“isoprene terpolymerization with a single-component allyl ansa-neodymocene catalyst. Polymer, 2008, 49, 2039-2045.	1.8	47
234	Controlled radical polymerization of conjugated 1,3-dienes with methyl 1,3-butadiene-1-phosphonate. Polymer, 2008, 49, 4344-4349.	1.8	33

#	Article	IF	Citations
235	Group 3 and 4 single-site catalysts for stereospecific polymerization of styrene. Coordination Chemistry Reviews, 2008, 252, 2115-2136.	9.5	100
236	Convenient synthesis of mono- and di-Î²-hydroxy-Î²-bis(trifluoromethyl)-(di)imines from Î²-hydroxy-Î²-bis(trifluoromethyl)-ketones and (di)amines. Tetrahedron, 2008, 64, 75-83.	1.0	18
237	Highly selective nickel catalysts for ethylene oligomerization based on tridentate pyrazolyl ligands. Journal of Molecular Catalysis A, 2008, 288, 58-62.	4.8	65
238	Haptotropic Rearrangements in Sandwich (Fluorenyl)(Cyclopentadienyl) Iron and Ruthenium Complexes. Organometallics, 2008, 27, 387-393.	1.1	33
239	Synthesis, Structures, Dynamics, and Ethylene Polymerization Activity of Nickel Complexes Containing an ortho-Methoxy-aryl Diphosphine Ligand. Organometallics, 2008, 27, 2107-2117.	1.1	30
240	Synthesis of new dipyridinylamine and dipyridinylmethane ligands and their coordination chemistry with Mg(ii) and Zn(ii). New Journal of Chemistry, 2008, 32, 2150.	1.4	28
241	Group 3 Metal Complexes of Salen-like Fluorous Dialkoxyâ^'Diimino Ligands: Synthesis, Structure, and Application in Ring-Opening Polymerization of rac-Lactide and rac-Î²-Butyrolactone. Organometallics, 2008, 27, 5691-5698.	1.1	61
242	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
243	Zinc and enolato-magnesium complexes based on bi-, tri- and tetradentate aminophenolate ligands. New Journal of Chemistry, 2008, 32, 2279.	1.4	76
244	Controlled ring-opening polymerization of lactide by group 3 metal complexes. Pure and Applied Chemistry, 2007, 79, 2013-2030.	0.9	142
245	Group 3 metal complexes based on a chiral tetradentate diamine-diamide ligand: Synthesis and use in polymerization of (d,l)-lactide and intramolecular alkene hydroamination catalysis. Journal of Molecular Catalysis A, 2007, 268, 163-168.	4.8	66
246	Aluminum and Zinc Complexes Based on an Amino-Bis(pyrazolyl) Ligand:Â Synthesis, Structures, and Use in MMA and Lactide Polymerization. Inorganic Chemistry, 2007, 46, 328-340.	1.9	110
247	Chromium Catalysts Based on Tridentate Pyrazolyl Ligands for Ethylene Oligomerization. Organometallics, 2007, 26, 4010-4014.	1.1	61
248	â€œConstrained Geometryâ€•Titanium Complexes:â€‰ Exceptionally Robust Systems for Living Polymerization of Methacrylates at High Temperature and Model Studies toward Chain Transfer Polymerization with Thiols. Organometallics, 2007, 26, 187-195.	1.1	26
249	Highly Effective Polymerization of Acrylate Catalyzed by a â€œConstrained Geometryâ€•Titanium Complex/B(C6F5)3System. Macromolecules, 2007, 40, 2293-2294.	2.2	7
250	Chiral Fluorous Dialkoxy-Diamino Zirconium Complexes: Synthesis and Use in Stereospecific Polymerization of 1-Hexene. Chemistry - A European Journal, 2007, 13, 923-935.	1.7	43
251	Allylansa-Lanthanidocenes: Single-Component, Single-Site Catalysts for Controlled Syndiospecific Styrene and Styreneâ€"Ethylene (Co)Polymerization. Chemistry - A European Journal, 2007, 13, 5548-5565.	1.7	77
252	When Singleâ€Site Polymerization Catalysis Meets Chirality: Optical Activity of Stereoregular Polyolefins. Angewandte Chemie - International Edition, 2007, 46, 6404-6406.	7.2	16

#	Article	IF	Citations
253	Highly Isospecific Styrene Polymerization Catalyzed by Singleâ€Component Bridged Bis(indenyl) Allyl Yttrium and Neodymium Complexes. Angewandte Chemie - International Edition, 2007, 46, 7240-7243.	7.2	63
254	Lanthanide Borohydride Complexes of Bulky Guanidinate Ligands [(Me3Si)2NC(N-Cy)2]2Ln(Î¼-BH4)2Li(THF)2 (Ln = Nd, Sm, Yb): Synthesis, Structure and Catalytic Activity in Lactide Polymerization. European Journal of Inorganic Chemistry, 2007, 2007, 3260-3267.	1.0	58
255	Yttrium Complexes as Catalysts for Living and Immortal Polymerization of Lactide to Highly Heterotactic PLA. Macromolecular Rapid Communications, 2007, 28, 693-697.	2.0	186
256	Binary ansa-lanthanidocenes/dialkylmagnesium systems versus single-component catalyst: Controlled synthesis of end-capped syndiotactic oligostyrenes. Journal of Molecular Catalysis A, 2007, 273, 87-91.	4.8	26
257	Magnesium complexes based on an amido-bis(pyrazolyl) ligand: Synthesis, crystal structures, and use in lactide polymerization. Polyhedron, 2007, 26, 3817-3824.	1.0	34
258	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
259	Nickel Complexes Based on Tridentate Pyrazolyl Ligands for Highly Efficient Dimerization of Ethylene to 1-Butene. Organometallics, 2006, 25, 1213-1216.	1.1	132
260	Ansa-metallocene andÂhalf-sandwich complexes ofÂgroup-3Âmetals andÂlanthanides incorporating fluorenyl-based ligands: from synthesis toÂcatalytic applications. Comptes Rendus Chimie, 2006, 9, 1151-1157.	0.2	11
261	Syndiotactic-enriched propyleneâ€"styrene copolymers using fluorenyl-based half-titanocene catalysts. Journal of Molecular Catalysis A, 2006, 249, 230-235.	4.8	12
262	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
263	Highly Active, Productive, and Syndiospecific Yttrium Initiators for the Polymerization of Racemic Î²-Butyrolactone. Angewandte Chemie - International Edition, 2006, 45, 2782-2784.	7.2	265
264	Bis[bis(oxazolinato)] Complexes of Yttrium and Lanthanum: Molecular Structure and Use in Polymerization ofdl-Lactide anddl-Î²-Butyrolactone. European Journal of Inorganic Chemistry, 2006, 2006, 3652-3658.	1.0	61
265	Mixed Aluminum-Magnesium-Rare Earth Allyl Catalysts for Controlled Isoprene Polymerization: Modulation of Stereocontrol. Macromolecular Rapid Communications, 2006, 27, 338-343.	2.0	78
266	Efficient and Selective Rhodium-Catalyzed Hydrophosphorylation of Dienes. Advanced Synthesis and Catalysis, 2006, 348, 1093-1100.	2.1	20
267	Groups 2 and 3 metal complexes incorporating fluorenyl ligands. Coordination Chemistry Reviews, 2005, 249, 1221-1248.	9.5	54
268	[Zinc-Diamine]-Catalyzed Hydrosilylation of Ketones in Methanol. New Developments and Mechanistic Insights. Advanced Synthesis and Catalysis, 2005, 347, 289-302.	2.1	106
269	Syndiotactic Polystyrene/Organoclay Nanocomposites: Synthesis via In Situ Coordination-Insertion Polymerization and Preliminary Characterization. Macromolecular Materials and Engineering, 2005, 290, 1106-1114.	1.7	29
270	Microstructurally Controlled Polyisoprene or Polystyrene Diblock Copolymers ofrac-Lactide. Macromolecular Rapid Communications, 2005, 26, 1145-1150.	2.0	9

#	Article	IF	Citations
271	Binary cerium(IV) tert-butoxides-dialkylmagnesium systems: Radical versus coordinative polymerization of styrene. Journal of Molecular Catalysis A, 2005, 238, 207-214.	4.8	10
272	1,5-Diphenyl-4,8-bis(3-phenylpyrazol-1-yl)pyrazabole. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o521-o523.	0.4	1
273	An Aluminum Complex Supported by a Fluorous Diamino-Dialkoxide Ligand for the Highly Productive Ring-Opening Polymerization of Îµ-Caprolactone. Organometallics, 2005, 24, 6279-6282.	1.1	75
274	Model Studies of Methacrylate Chain Transfer Polymerization Mediated by Cationic Zirconocene tert-Butyl Enolate. Organometallics, 2005, 24, 2466-2472.	1.1	23
275	Group 4 Metal Complexes of Nitrogen-Bridged Dialkoxide Ligands:â€‰ Synthesis, Structure, and Polymerization Activity Studies. Organometallics, 2005, 24, 5620-5633.	1.1	26
276	Electron-Deficient Group 4 Metal Complexes of Sulfur-Bridged Dialkoxide Ligands:â€‰ Synthesis, Structure, and Polymerization Activity Studies. Organometallics, 2005, 24, 5604-5619.	1.1	25
277	New developments in zinc-catalyzed asymmetric hydrosilylation of ketones with PMHS. Tetrahedron, 2004, 60, 2837-2842.	1.0	94
278	[Î·5:Î·1-(3,6-tBu2Flu)SiMe2NtBu]Y(Î·1-NC5H6)(py)2: A 1,4-Hydride-Addition Product to Pyridine that Provides Evidence for the First Fluorenyl(hydrido)metal (Group 3) Complex. European Journal of Inorganic Chemistry, 2004, 2004, 943-945.	1.0	26
279	Binary Neodymium Alkoxide/Dialkylmagnesium Polymerization Systems: Studies on the Nature of the Reaction Intermediates and Active Species. European Journal of Inorganic Chemistry, 2004, 2004, 3247-3253.	1.0	18
280	Thallium?Arene Contacts in a Rare Yttrium Tris(pyrazolyl)hydroborate ?ate? Complex. European Journal of Inorganic Chemistry, 2004, 2004, 4803-4806.	1.0	11
281	New Chiral 1,2-Diamines and Their Use in Zinc-Catalyzed Asymmetric Hydrosilylation of Acetophenone. European Journal of Organic Chemistry, 2004, 2004, 3040-3045.	1.2	63
282	Elaboration of Poly(É›-caprolactone)-g-TiNbO5 Nanocomposites via in situ Metal Complex Initiated Intercalative Polymerization. Macromolecular Materials and Engineering, 2004, 289, 531-538.	1.7	9
283	New Developments in Zinc-Catalyzed Asymmetric Hydrosilylation of Ketones with PMHS.. ChemInform, 2004, 35, no.	0.1	0
284	New Chiral 1,2-Diamines and Their Use in Zinc-Catalyzed Asymmetric Hydrosilylation of Acetophenone.. ChemInform, 2004, 35, no.	0.1	0
285	Generation of Cationic[Zr-{tert-Butyl Enolate}] Reactive Species: Methyl Abstraction versus Hydride Abstraction. Chemistry - A European Journal, 2004, 10, 4301-4307.	1.7	34
286	Synthesis and reactivity in salt metathesis reactions of trivalent [La(TpMe2)2X] (X=Cl, I) complexes: crystal structures of [La(TpMe2)2Cl] and [La(TpMe2)2(Îº2-pzMe2)]. Polyhedron, 2004, 23, 2437-2445.	1.0	24
287	Group 3 metal catalysts for ethylene and Î±-olefin polymerization. Coordination Chemistry Reviews, 2004, 248, 397-410.	9.5	281
288	Highly Syndiospecific Polymerization of Styrene Catalyzed by Allyl Lanthanide Complexes. Journal of the American Chemical Society, 2004, 126, 12240-12241.	6.6	143

#	Article	IF	Citations
289	Synthesis, Structure, and Polymerization Activity of Neutral Halide, Alkyl, and Hydrido Yttrium Complexes of Isopropylidene-Bridged Cyclopentadienyl-Fluorenyl Ligands. Organometallics, 2004, 23, 2768-2777.	1.1	42
290	Stereoselective ring-opening polymerization of racemic lactide using alkoxy-amino-bis(phenolate) group 3 metal complexes. Chemical Communications, 2004, , 330.	2.2	243
291	C2-Symmetric Fluorous Diamino-Dialkoxide Complexes of Early Transition Metals. Organometallics, 2004, 23, 5450-5458.	1.1	53
292	Ruthenium(II)-Catalyzed Asymmetric Transfer Hydrogenation of Carbonyl Compounds with 2-Propanol and Ephedrine-Type Ligands. Advanced Synthesis and Catalysis, 2003, 345, 67-77.	2.1	298
293	Chemo- and Enantioselective Hydrosilylation of Carbonyl and Imino Groups: An Emphasis on Non-Traditional Catalyst Systems. ChemInform, 2003, 34, no.	0.1	0
294	Ruthenium(II)-Catalyzed Asymmetric Transfer Hydrogenation of Carbonyl Compounds with 2-Propanol and Ephedrine-Type Ligands.. ChemInform, 2003, 34, no.	0.1	193
295	Direct Zn-Diamine Promoted Reduction of C=O and C=N Bonds by Polymethylhydrosiloxane in Methanol.. ChemInform, 2003, 34, no.	0.1	0
296	Palladium-Catalyzed Carbonylative Coupling of Pyridine Halides with Aryl Boronic Acids.. ChemInform, 2003, 34, no.	0.1	0
297	Chiral aminophosphine phosphinite ligands and related auxiliaries Recent advances in their design, coordination chemistry, and use in enantioselective catalysis. Coordination Chemistry Reviews, 2003, 242, 145-158.	9.5	76
298	Palladium-catalyzed carbonylative coupling of pyridine halides with aryl boronic acids. Tetrahedron, 2003, 59, 2793-2799.	1.0	77
299	Neodymium alk(aryl)oxidesâ€“dialkylmagnesium systems for butadiene polymerization and copolymerization with styrene and glycidyl methacrylate. Journal of Organometallic Chemistry, 2003, 683, 44-55.	0.8	50
300	Synthesis, structure and reactivity of new yttrium bis(dimethylsilyl)amido and bis(trimethylsilyl)methyl complexes of a tetradentate bis(phenoxide) ligand. Journal of Organometallic Chemistry, 2003, 683, 131-136.	0.8	87
301	[(Cpâ^'CMe2â^'Flu)2Ln]-[Li(ether)n]+(Ln = Y, La):Â Complexes with Unusual Coordination Modes of the Fluorenyl Ligand and the First Examples of Bis-Ansa Lanthanidocenes. Organometallics, 2003, 22, 4038-4046.	1.1	34
302	â€œConstrained Geometryâ€•Group 3 Metal Complexes of the Fluorenyl-Based Ligands [(3,6-tBu2Flu)SiR2NtBu]:Â Synthesis, Structural Characterization, and Polymerization Activity. Organometallics, 2003, 22, 4467-4479.	1.1	55
303	Synthesis, Stereochemistry, and Reactivity of Group 4 Metal Complexes That Contain a Chiral Tetradentate Diamine-Diamide Ligand. Organometallics, 2003, 22, 4999-5010.	1.1	29
304	Direct Znâ€“diamine promoted reduction of Cî€Ô and Cî€Ñ bonds by polymethylhydrosiloxane in methanol. Chemical Communications, 2003, , 332-333.	2.2	72
305	Direct Synthesis of Benzoylpyridines from Chloropyridines via a Palladium-Carbene Catalyzed Carbonylative Suzuki Cross-Coupling Reaction. Synlett, 2003, 2003, 1874-1876.	1.0	2
306	Chemo- and Enantioselective Hydrosilylation of Carbonyl and Imino Groups. An Emphasis on Non-Traditional Catalyst Systems. Current Organic Chemistry, 2002, 6, 913-936.	0.9	144

#	Article	IF	Citations
307	Amine Elimination Reactions between Homoleptic Silylamide Lanthanide Complexes and an Isopropylidene-Bridged Cyclopentadieneâ˜Fluorene System. Organometallics, 2002, 21, 3238-3249.	1.1	31
308	Neodymium Alkoxides: Synthesis, Characterization and Their Combinations with Dialkylmagnesiums as Unique Systems for Polymerization and Block Copolymerization of Ethylene and Methyl Methacrylate. Chemistry - A European Journal, 2002, 8, 3773.	1.7	89
309	Neodymium(III)tert-Butoxide-Dialkylmagnesium, a New Initiator System for Syndiotactic Polymerization of Methyl Methacrylate. Macromolecular Chemistry and Physics, 2002, 203, 550-555.	1.1	11
310	Homogeneous and heterogeneous alkyl-alkoxo-lanthanide type catalysts for polymerization and block-copolymerization of ethylene and methyl methacrylate. Journal of Molecular Catalysis A, 2002, 182-183, 525-531.	4.8	15
311	Unusual product distribution in ethylene oligomerization promoted by in situ ansa-chloroneodymoceneâ€“dialkylmagnesium systems. Journal of Molecular Catalysis A, 2002, 190, 207-214.	4.8	38
312	Diastereoselective synthesis of syn-3,5-dihydroxyesters via ruthenium-catalyzed asymmetric transfer hydrogenation. Tetrahedron Letters, 2002, 43, 2569-2571.	0.7	23
313	Preparation and stereoselective hydrogenation of chiral (4-hydroxy-tetrafuranylidene)carboxylates: a new formal entry to functional anti- and syn-3,5-dihydroxyesters. Tetrahedron Letters, 2002, 43, 2679-2682.	0.7	11
314	Neodymium(III) Complexes with Bulkyansa-Bis(cyclopentadienyl) Ligands:Â Synthesis and Use in Olefin Oligomerization. Organometallics, 2001, 20, 199-205.	1.1	39
315	Solution Structures and Dynamic Properties of Chelated d0Metal Olefin Complexes {Î·5:ÂÎ·1-C5R4SiMe2NtBu}Ti(OCMe2CH2CH2CHCH2)+(R = H, Me):Â Models for the {Î·5:ÂÎ·1-C5R4SiMe2NtBu}Ti(Râ€˜)(olefin)+Intermediates in â€œConstrained Geometryâ€•Catalysts. Journal of the American Chemical Society, 2001, 123, 898-909.	6.6	54
316	Stereoselective synthesis of 3-substituted phtalides via asymmetric transfer hydrogenation using well-defined ruthenium catalysts under neutral conditions. Tetrahedron Letters, 2001, 42, 1899-1901.	0.7	67
317	Palladium-catalyzed carbonylative cross-coupling reactions of pyridine halides and aryl boronic acids: a convenient access to Î±-pyridyl ketones. Tetrahedron Letters, 2001, 42, 3689-3691.	0.7	69
318	(Î²-Amino alcohol)(arene)ruthenium(II)-Catalyzed Asymmetric Transfer Hydrogenation of Functionalized Ketones â˜ Scope, Isolation of the Catalytic Intermediates, and Deactivation Processes. European Journal of Organic Chemistry, 2001, 2001, 275-291.	1.2	79
319	Catalytic Synthesis and Asymmetric Reduction of Pyridylglyoxylic Amides and Esters. Advanced Synthesis and Catalysis, 2001, 343, 289-298.	2.1	8
320	Chlorolanthanocene-dialkylmagnesium systems for styrene bulk polymerization and styrene-ethylene block copolymerization. Macromolecular Chemistry and Physics, 2000, 201, 1813-1822.	1.1	37
321	Rare earth alkoxides as inorganic precursors for olefin polymerization: an alternative to traditional lanthanocene chemistry. Chemical Communications, 2000, , 2183-2184.	2.2	26
322	Tuning diastereoselectivity with the solvent: the asymmetric hydrogenation of simple and functionalized 1,3-diketones with ruthenium(amidophosphineâ€“phosphinite) catalysts. New Journal of Chemistry, 2000, 24, 309-312.	1.4	19
323	d0Metal Olefin Complexes. Synthesis, Structures, and Dynamic Properties of (C5R5)2Zr(OCMe2CH2CH2CHCH2)+Complexes:Â Models for the Elusive (C5R5)2Zr(R)(Olefin)+Intermediates in Metallocene-Based Olefin Polymerization Catalysis. Journal of the American Chemical Society, 2000, 122, 7750-7767.	6.6	82
324	Chlorolanthanocene-dialkylmagnesium systems for styrene bulk polymerization and styrene-ethylene block copolymerization. , 2000, 201, 1813.		1

#	Article	IF	Citations
325	Synthesis of pyridylglyoxylic acid derivatives via a palladium-catalysed double carbonylation of iodopyridines. Tetrahedron Letters, 1999, 40, 3717-3718.	0.7	30
326	Selective palladium-catalysed carbonylations of dichloroquinoline and simple dichloropyridines. Tetrahedron Letters, 1999, 40, 3719-3722.	0.7	26
327	N-Benzyl-norephedrine derivatives as new, efficient ligands for ruthenium-catalyzed asymmetric transfer hydrogenation of functionalized ketones. Tetrahedron: Asymmetry, 1999, 10, 4083-4086.	1.8	29
328	Steric effects in the enantioselective transfer hydrogenation of 2-aroylacetates. Tetrahedron: Asymmetry, 1999, 10, 4663-4666.	1.8	24
329	Asymmetric Hydrogenation of 2,4-Dioxo Esters: Selective Synthesis of 2-Hydroxy-4-oxo Esters and Direct Access to Chiral 2-Hydroxy-4-butyrolactones. European Journal of Organic Chemistry, 1999, 1999, 1787-1793.	1.2	19
330	One-Pot and Sequential Asymmetric Hydrogenation of Î²,Î´-Diketoesters into Functionalized 1,3-Diols: Fromanti- tosyn-Stereoselectivity. European Journal of Organic Chemistry, 1999, 1999, 3421-3427.	1.2	29
331	Asymmetric Hydrogenation of 2,4-Dioxo Esters: Selective Synthesis of 2-Hydroxy-4-oxo Esters and Direct Access to Chiral 2-Hydroxy-4-butyrolactones. , 1999, 1999, 1787.		1
332	The aminophosphine-phosphinites and related ligands: synthesis, coordination chemistry and enantioselective catalysis1Dedicated to the memory of Professor Francis Petit1. Coordination Chemistry Reviews, 1998, 178-180, 1615-1645.	9.5	96
333	Synthetic and kinetic aspects of nickel-catalysed amination of allylic alcohol derivatives. Tetrahedron, 1998, 54, 1073-1084.	1.0	39
334	Homogeneous and Biphasic Nickel-Catalyzed Isomerization of Allylic Alcohols. European Journal of Inorganic Chemistry, 1998, 1998, 1739-1744.	1.0	48
335	An unusual enhancement of catalytic activity in biphasic catalysis: The rhodium catalyzed hydroformylation of acrylic esters. Journal of Molecular Catalysis A, 1998, 129, 35-40.	4.8	33
336	Nickel vs. palladium catalysts for coupling reactions of allyl alcohol with soft nucleophiles: activities and deactivation processes. Journal of Molecular Catalysis A, 1998, 136, 243-251.	4.8	73
337	Rhodium dihydride complexes as models for the theoretical analysis of enantioselective hydrogenation reactions. Tetrahedron: Asymmetry, 1998, 9, 2259-2270.	1.8	3
338	New one pot synthesis of a chiral Î±-hydroxy-Î³-butyrolactone via sequential asymmetric hydrogenation of an Î±,Î³-diketoester. Tetrahedron: Asymmetry, 1998, 9, 2765-2768.	1.8	29
339	Ruthenium catalyzed asymmetric transfer hydrogenation of Î²-ketoesters. Tetrahedron: Asymmetry, 1998, 9, 2971-2974.	1.8	35
340	A new route to ene carbamates, precursors to benzoindolizinones through sequential asymmetric hydrogenation and cyclization. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1403-1408.	0.9	22
341	Efficient coupling reactions of allylamines with soft nucleophiles using nickel-based catalysts. Chemical Communications, 1997, , 1393-1394.	2.2	33
342	Asymmetric hydrogenation of Î±-keto acid derivatives by rhodium-}amidophosphine-phosphinite{ catalysts. Tetrahedron: Asymmetry, 1997, 8, 1083-1099.	1.8	77

#	Article	IF	Citations
343	Further developments in metal-catalysed Cî—¸C bond cleavage in allylic dimethyl malonate derivatives. Tetrahedron Letters, 1997, 38, 1053-1056.	0.7	34
344	Amidophosphineâˆ’Phosphinites:â€‰ Synthesis and Use in Rhodium-Based Asymmetric Hydrogenation of Activated Keto Compounds. Crystal Structure of Bis[(Î¼-chloro)((S)-2-((diphenylphosphino)oxy)-2-phenyl-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (N-(diphenylphosphino)-N-methy	1.1	65
345	Expanded Scope of Supported Aqueous Phase Catalysis: Efficient Rhodium-Catalyzed Hydroformylation of Î±,Î²-Unsaturated Esters. Journal of Catalysis, 1996, 162, 339-348.	3.1	49
346	Kinetic resolution of racemic tricarbonyl(2-chloroanisole)chromium via palladium-catalysed asymmetric alkoxycarbonylation. Tetrahedron Letters, 1996, 37, 167-170.	0.7	16
347	Base-induced cyclization of trimethoxy-o-aroyldiphenylphosphoryl methylbenzamide: a formal synthesis of (Â±) cherylline and (Â±) cherylline dimethylether. Tetrahedron Letters, 1996, 37, 3697-3700.	0.7	10
348	Bis(aminophosphine)-nickel complexes as efficient catalysts for alkylation of allylic acetates with stabilized nucleophiles. Tetrahedron Letters, 1996, 37, 6105-6108.	0.7	55
349	Rhodium(I) bis(aminophosphane) complexes as catalysts for asymmetric hydrogenation of activated ketones. Tetrahedron: Asymmetry, 1996, 7, 379-382.	1.8	25
350	ErhÃ¶hung der KatalyseaktivitÃt bei der Hydroformylierung von AcrylsÃuremethylester durch Verwendung von Zweiphasenâ€•und â€œSupportedâ€Aqueousâ€Phaseâ€â€Systemen. Angewandte Chemie, 1995, 107, 1608-1610.	1.6	17
351	Enhancement of Catalytic Activity for Hydroformylation of Methyl Acrylate by Using Biphasic andâ€œSupported Aqueous Phaseâ€•Systems. Angewandte Chemie International Edition in English, 1995, 34, 1474-1476.	4.4	79
352	Catalytic asymmetric hydrogenation of activated keto compounds by some homogeneous and silica-supported di(Î¼-carboxylato)bis(aminophosphinephosphinite)dirhodium complexes. Tetrahedron: Asymmetry, 1995, 6, 39-42.	1.8	17
353	Oxidative addition of cationic (Î·6-chloroarene)tricarbonylmanganese compounds to palladium(0) complexes. Synthesis, characterisation and reactivity. Journal of Organometallic Chemistry, 1995, 493, C22-C24.	0.8	22
354	Highly Efficient Asymmetric Hydrogenation of Activated and Unactivated Ketones Catalyzed by Rhodium(I) Aminophosphine- and Amidophosphine-Phosphinite Complexes. Beneficial Effect of the Non Chiral Ligand. Synlett, 1995, 1995, 358-360.	1.0	40
355	Neutral Rhodium(I) Aminophosphine-Phosphinite Complexes: Synthesis, Structure, and Use in Catalytic Asymmetric Hydrogenation of Activated Keto Compounds. Crystal Structure of [(S)-1-(Dicyclohexyl-) Tj ETQq1 1 0.784314 rgBT /Over Organometallics, 1995, 14, 2480-2489.	1.1	37
356	Platinum(II) Aminophosphine- and Amidophosphine-Phosphinite Complexes: Synthesis, Structure, and Use in Catalytic Asymmetric Hydroformylation of Styrene. Crystal Structure of [(S)-1-(Diphenylphosphino)-2-(((diphenylphosphino)oxy)methyl)pyrrolidine]dichloroplatinum(II). Organometallics, 1995, 14, 401-406.	1.1	41
357	Nickel-catalysed substitution reactions of allylic compounds with soft nucleophiles: an efficient alternative to palladium catalysis. Journal of the Chemical Society Chemical Communications, 1995, , 1863.	2.0	42
358	Asymmetric Hydroformylation. Chemical Reviews, 1995, 95, 2485-2506.	23.0	459
359	Competitive nucleophilic aromatic substitution and palladium-catalyzed alkoxycarbonylation of (substituted chloroarene)Cr(CO)3 complexes. Tetrahedron Letters, 1994, 35, 4995-4998.	0.7	13
360	Mechanistic investigations of palladium-catalysed single and double carbonylation of aryl and vinyl halides by methyl formate. Journal of Organometallic Chemistry, 1994, 482, 31-38.	0.8	17

#	Article	IF	Citations
361	Palladium-catalyzed carbonâ€"carbon bond formation from (Î·6-chloroarene)Cr(CO)3 complexes an example of bimetallic activation in homogeneous catalysis. Journal of Molecular Catalysis, 1993, 81, 1-15.	1.2	50
362	Palladium-Catalysed Alkoxycarbonylation of Tricarbonyl(Î·6- mono and dichloroarene)chromium Complexes under Mild Conditions using HCO2R / MOR System. Tetrahedron Letters, 1992, 33, 2001-2004.	0.7	40
363	Electrochemical synthesis and catalytic applications of tinâ€"cobalt carbonyl complexes. Journal of Molecular Catalysis, 1992, 74, 465-479.	1.2	5
364	A novel and convenient method for palladium-catalysed alkoxycarbonylation of aryl and vinyl halides using HCO2R/NaOR system. Tetrahedron Letters, 1991, 32, 4705-4708.	0.7	85
365	Stereoselective Ring-Opening Polymerization of Functional Î²-Lactones: Influence of the Exocyclic Side-Group. Polymer Chemistry, 0, , .	1.9	8