Changle Chen

List of Publications by Year
in descending order

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162 papers	11,502 citations	22099 59 h-index	31759 101 g-index
169 all docs	169 docs citations	169 times ranked	6784 citing authors

#	Article	IF	Citations
1	Promoting Ethylene (co)Polymerization in Aliphatic Hydrocarbon Solvents Using <scp>tertâ€Butyl</scp> Substituted Nickel Catalysts. Chinese Journal of Chemistry, 2022, 40, 215-222.	2.6	30
2	An Ionic Cluster Strategy for Performance Improvements and Product Morphology Control in Metal-Catalyzed Olefinâ€“Polar Monomer Copolymerization. Journal of the American Chemical Society, 2022, 144, 2245-2254.	6.6	65
3	A continuous flow-through strategy to produce highly isotactic poly(isobutyl vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td	1.9	10
4	Material Properties of Functional Polyethylenes from Transition-Metal-Catalyzed Ethyleneâ€“Polar Monomer Copolymerization. Macromolecules, 2022, 55, 1910-1922.	2.2	71
5	A general cocatalyst strategy for performance enhancement in nickel catalyzed ethylene (co)polymerization. Chinese Chemical Letters, 2022, 33, 4363-4366.	4.8	16
6	A general strategy for heterogenizing olefin polymerization catalysts and the synthesis of polyolefins and composites. Nature Communications, 2022, 13, 1954.	5.8	68
7	A Cocatalyst Strategy to Enhance Rutheniumâ€Mediated Metathesis Reactivity towards Electronâ€Deficient Substrates. Angewandte Chemie - International Edition, 2022, 61, .	7.2	11
8	Cationic P,Oâ€Coordinated Nickel(II) Catalysts for Carbonylative Polymerization of Ethylene: Unexpected Productivity via Subtle Electronic Variation. Angewandte Chemie, 2022, 134, .	1.6	3
9	Cationic P,Oâ€Coordinated Nickel(II) Catalysts for Carbonylative Polymerization of Ethylene: Unexpected Productivity via Subtle Electronic Variation. Angewandte Chemie - International Edition, 2022, 61, .	7.2	11
10	Mechanistic Studies on Nickel-Catalyzed Ethylene Polymerization: Ligand Effects and Quantitative Structureâ€“Activity Relationship Model. Organometallics, 2022, 41, 3212-3218.	1.1	3
11	Styrene-containing Phosphine-sulfonate Ligands for Nickel- and Palladium-catalyzed Ethylene Polymerization. Chinese Journal of Polymer Science (English Edition), 2021, 39, 447-454.	2.0	22
12	Reversible-deactivation radical polymerization of vinyl acetate mediated by tralen, an organomediator. Polymer Chemistry, 2021, 12, 5159-5167.	1.9	3
13	Palladium-Catalyzed Synthesis of Norbornene-Based Polar-Functionalized Polyolefin Elastomers. Macromolecules, 2021, 54, 3197-3203.	2.2	41
14	Positional Electronic Effects in <scp>Iminopyridineâ€N</scp>â€oxide Nickel Catalyzed Ethylene Polymerization^{â€}. Chinese Journal of Chemistry, 2021, 39, 1683-1689.	2.6	25
15	Hydrogenâ€Bondingâ€Induced Heterogenization of Nickel and Palladium Catalysts for Copolymerization of Ethylene with Polar Monomers. Angewandte Chemie - International Edition, 2021, 60, 17446-17451.	7.2	64
16	Hydrogenâ€Bondingâ€Induced Heterogenization of Nickel and Palladium Catalysts for Copolymerization of Ethylene with Polar Monomers. Angewandte Chemie, 2021, 133, 17586-17591.	1.6	19
17	Tandem Catalysts Combining Polymer Synthesis, Postpolymerization Modification, and Vitrimer Formation. Macromolecules, 2021, 54, 6153-6160.	2.2	5
18	A disubstituted-norbornene-based comonomer strategy to address polar monomer problem. Science Bulletin, 2021, 66, 1429-1436.	4.3	56

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19	Synthesis of Nonalternating Polyketones Using Cationic Diphosphazane Monoxide-Palladium Complexes. Journal of the American Chemical Society, 2021, 143, 10743-10750.	6.6	44
20	Interplay of Supramolecular Chemistry and Photochemistry with Palladium-Catalyzed Ethylene Polymerization. CCS Chemistry, 2021, 3, 2025-2034.	4.6	41
21	Photoresponsive Palladium and Nickel Catalysts for Ethylene Polymerization and Copolymerization. Angewandte Chemie, 2021, 133, 22369-22374.	1.6	6
22	Photoresponsive Palladium and Nickel Catalysts for Ethylene Polymerization and Copolymerization. Angewandte Chemie - International Edition, 2021, 60, 22195-22200.	7.2	57
23	Lewis Pair Catalyzed Regioselective Polymerization of (E,E)â€Alkyl Sorbates for the Synthesis of (AB)_n Sequenced Polymers. Angewandte Chemie - International Edition, 2021, 60, 24306-24311.	7.2	25
24	Transition Metal-Catalyzed Copolymerization of Olefins With Polar Functional Monomers. , 2021, , .		0
25	é•å‚¬åŒ–å‰‚ç”¨äºŽåŠŸèƒ½åŒ–èšçƒ¯çƒƒæœ–™çš„å¯¹å‡. Chinese Science Bulletin, 2021, , .	0.4	3
26	Ligandâ€“metal secondary interactions in phosphineâ€“sulfonate palladium and nickel catalyzed ethylene (co)polymerization. Polymer Chemistry, 2020, 11, 411-416.	1.9	56
27	Polarâ€Functionalized, Crosslinkable, Selfâ€Healing, and Photoresponsive Polyolefins. Angewandte Chemie - International Edition, 2020, 59, 395-402.	7.2	124
28	Polarâ€Functionalized, Crosslinkable, Selfâ€Healing, and Photoresponsive Polyolefins. Angewandte Chemie, 2020, 132, 403-410.	1.6	21
29	Direct and Tandem Routes for the Copolymerization of Ethylene with Polar Functionalized Internal Olefins. Angewandte Chemie - International Edition, 2020, 59, 1206-1210.	7.2	74
30	Controlling the Ringâ€Opening Polymerization Process Using External Stimuli. Chinese Journal of Chemistry, 2020, 38, 282-286.	2.6	25
31	Direct and Tandem Routes for the Copolymerization of Ethylene with Polar Functionalized Internal Olefins. Angewandte Chemie, 2020, 132, 1222-1226.	1.6	15
32	Concerted steric and electronic effects on Î±-diimine nickel- and palladium-catalyzed ethylene polymerization and copolymerization. Science Bulletin, 2020, 65, 300-307.	4.3	115
33	Aluminum Tralen Complex Meditated Reversible-Deactivation Radical Polymerization of Vinyl Acetate. ACS Macro Letters, 2020, 9, 1423-1428.	2.3	2
34	A Selfâ€Supporting Strategy for Gasâ€Phase and Slurryâ€Phase Ethylene Polymerization using Lateâ€Transitionâ€Metal Catalysts. Angewandte Chemie - International Edition, 2020, 59, 14884-14890.	7.2	55
35	A Selfâ€Supporting Strategy for Gasâ€Phase and Slurryâ€Phase Ethylene Polymerization using Lateâ€Transitionâ€Metal Catalysts. Angewandte Chemie, 2020, 132, 14994-15000.	1.6	7
36	Direct Synthesis of Polar Functionalized Polyethylene Thermoplastic Elastomer. Macromolecules, 2020, 53, 2539-2546.	2.2	87

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37	Catecholâ€Functionalized Polyolefins. Angewandte Chemie, 2020, 132, 8027-8033.	1.6	11
38	Degradable PE-Based Copolymer with Controlled Ester Structure Incorporation by Cobalt-Mediated Radical Copolymerization under Mild Condition. IScience, 2020, 23, 100904.	1.9	42
39	Catecholâ€Functionalized Polyolefins. Angewandte Chemie - International Edition, 2020, 59, 7953-7959.	7.2	81
40	A simple and versatile nickel platform for the generation of branched high molecular weight polyolefins. Nature Communications, 2020, 11, 372.	5.8	138
41	Nickel catalysts for the synthesis of ultra-high molecular weight polyethylene. Science Bulletin, 2020, 65, 1137-1138.	4.3	40
42	Amidine/Phosphineâ€Oxideâ€Based Nickel Catalysts for Ethylene Polymerization and Copolymerization. ChemCatChem, 2019, 11, 5339-5344.	1.8	19
43	Light-Controlled Switchable Ring Opening Polymerization. Macromolecules, 2019, 52, 5646-5651.	2.2	40
44	Palladium-Catalyzed Dimerization of Vinyl Ethers: Mechanism, Catalyst Optimization, and Polymerization Applications. Macromolecules, 2019, 52, 7123-7129.	2.2	28
45	Systematic Studies on (Co)Polymerization of Polar Styrene Monomers with Palladium Catalysts. Macromolecules, 2019, 52, 7197-7206.	2.2	35
46	Diphosphazane-monoxide and Phosphine-sulfonate Palladium Catalyzed Ethylene Copolymerization with Polar Monomers: A Computational Study. Organometallics, 2019, 38, 638-646.	1.1	25
47	Emerging Palladium and Nickel Catalysts for Copolymerization of Olefins with Polar Monomers. Angewandte Chemie, 2019, 131, 7268-7276.	1.6	81
48	Emerging Palladium and Nickel Catalysts for Copolymerization of Olefins with Polar Monomers. Angewandte Chemie - International Edition, 2019, 58, 7192-7200.	7.2	289
49	A continuing legend: the Brookhart-type Î±-diimine nickel and palladium catalysts. Polymer Chemistry, 2019, 10, 2354-2369.	1.9	245
50	Ni catalyzed ethylene copolymerization with polar monomers. Science China Chemistry, 2019, 62, 653-654.	4.2	5
51	A Phenol-containing Î±-Diimine Ligand for Nickel- and Palladium-Catalyzed Ethylene Polymerization. Chinese Journal of Polymer Science (English Edition), 2019, 37, 974-980.	2.0	50
52	Lewis acid/base modulation in Î²-diiminate zinc-catalyzed switchable ring-opening polymerization of rac-lactide. Science China Chemistry, 2019, 62, 475-478.	4.2	13
53	Improving the flame retardancy of polyethylenes through the palladium-catalyzed incorporation of polar comonomers. Polymer Chemistry, 2019, 10, 1416-1422.	1.9	33
54	Sterics versus electronics: Imine/phosphine-oxide-based nickel catalysts for ethylene polymerization and copolymerization. Journal of Catalysis, 2019, 369, 233-238.	3.1	68

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55	Fast and Controlled Ring-Opening Polymerization of Cyclic Esters by Alkoxides and Cyclic Amides. Macromolecules, 2018, 51, 2048-2053.	2.2	34
56	A Versatile Ligand Platform for Palladiumâ€•and Nickelâ€Catalyzed Ethylene Copolymerization with Polar Monomers. Angewandte Chemie, 2018, 130, 3148-3152.	1.6	25
57	A Versatile Ligand Platform for Palladiumâ€•and Nickelâ€Catalyzed Ethylene Copolymerization with Polar Monomers. Angewandte Chemie - International Edition, 2018, 57, 3094-3098.	7.2	175
58	Ethylene Polymerization and Copolymerization Using Nickel 2-Iminopyridine-N-oxide Catalysts: Modulation of Polymer Molecular Weights and Molecular-Weight Distributions. Macromolecules, 2018, 51, 49-56.	2.2	100
59	Designing catalysts for olefin polymerization and copolymerization: beyond electronic and steric tuning. Nature Reviews Chemistry, 2018, 2, 6-14.	13.8	460
60	Synthesis of silicon-functionalized polyolefins by subsequent cobalt-catalyzed dehydrogenative silylation and nickel-catalyzed copolymerization. Science Bulletin, 2018, 63, 441-445.	4.3	68
61	Ligand steric effects on naphthyl-Î±-diimine nickel catalyzed Î±-olefin polymerization. Chinese Journal of Polymer Science (English Edition), 2018, 36, 157-162.	2.0	43
62	Position Makes the Difference: Electronic Effects in Nickel-Catalyzed Ethylene Polymerizations and Copolymerizations. Inorganic Chemistry, 2018, 57, 14913-14919.	1.9	50
63	Direct Synthesis of Polar-Functionalized Linear Low-Density Polyethylene (LLDPE) and Low-Density Polyethylene (LDPE). Macromolecules, 2018, 51, 4040-4048.	2.2	132
64	Synthesis of polyolefin elastomers from unsymmetrical Î±-diimine nickel catalyzed olefin polymerization. Polymer Chemistry, 2018, 9, 4143-4149.	1.9	101
65	Redox-Controlled Polymerization and Copolymerization. ACS Catalysis, 2018, 8, 5506-5514.	5.5	150
66	Influence of chelate ring size on the properties of phosphine-sulfonate palladium catalysts. Science China Chemistry, 2018, 61, 1175-1178.	4.2	29
67	Palladium-Catalyzed Direct Synthesis of Various Branched, Carboxylic Acid-Functionalized Polyolefins: Characterization, Derivatization, and Properties. Macromolecules, 2018, 51, 6818-6824.	2.2	104
68	Ethylene (co)Oligomerization by Phosphineâ€Pyridine Based Palladium and Nickel Catalysts. ChemCatChem, 2018, 10, 5135-5140.	1.8	29
69	Rational Design of High-Performance Phosphine Sulfonate Nickel Catalysts for Ethylene Polymerization and Copolymerization with Polar Monomers. ACS Catalysis, 2017, 7, 1308-1312.	5.5	162
70	Redox control in palladium catalyzed norbornene and alkyne polymerization. Inorganic Chemistry Frontiers, 2017, 4, 795-800.	3.0	36
71	Highly Stable Hierarchical Flower-like Î²-In2S3 Assembled from 2D Nanosheets with high Adsorption-Photodecolorization Activities for the Treatment of Wastewater. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	16
72	Dinuclear Î±â€Diimine Ni^{II} and Pd^{II} Complexes that Catalyze Ethylene Polymerization and Copolymerization. ChemCatChem, 2017, 9, 1062-1066.	1.8	50

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73	Side-Arm Control in Phosphine-Sulfonate Palladium- and Nickel-Catalyzed Ethylene Polymerization and Copolymerization. Organometallics, 2017, 36, 2338-2344.	1.1	44
74	Modulating polyolefin properties through the incorporation of nitrogen-containing polar monomers. Polymer Chemistry, 2017, 8, 2405-2409.	1.9	85
75	Sidearm effect on the (Pyrrolylaldiminato)aluminum initiated ring opening polymerization of Îµ-caprolactone. Journal of Organometallic Chemistry, 2017, 836-837, 56-61.	0.8	5
76	Unsymmetrical Î±-diimine palladium catalysts and their properties in olefin (co)polymerization. Materials Chemistry Frontiers, 2017, 1, 967-972.	3.2	100
77	Influence of Polyethylene Glycol Unit on Palladiumâ€•and Nickelâ€Catalyzed Ethylene Polymerization and Copolymerization. Angewandte Chemie - International Edition, 2017, 56, 14672-14676.	7.2	128
78	Influence of Polyethylene Glycol Unit on Palladiumâ€•and Nickelâ€Catalyzed Ethylene Polymerization and Copolymerization. Angewandte Chemie, 2017, 129, 14864-14868.	1.6	18
79	Manipulation of polymer branching density in phosphine-sulfonate palladium and nickel catalyzed ethylene polymerization. Polymer Chemistry, 2017, 8, 6272-6276.	1.9	59
80	Accessing Multiple Catalytically Active States in Redox-Controlled Olefin Polymerization. ACS Catalysis, 2017, 7, 7490-7494.	5.5	102
81	A Secondâ€Coordinationâ€Sphere Strategy to Modulate Nickelâ€•and Palladiumâ€Catalyzed Olefin Polymerization and Copolymerization. Angewandte Chemie, 2017, 129, 11762-11767.	1.6	27
82	Late transition metal catalyzed Î±-olefin polymerization and copolymerization with polar monomers. Materials Chemistry Frontiers, 2017, 1, 2487-2494.	3.2	183
83	A Secondâ€Coordinationâ€Sphere Strategy to Modulate Nickelâ€•and Palladiumâ€Catalyzed Olefin Polymerization and Copolymerization. Angewandte Chemie - International Edition, 2017, 56, 11604-11609.	7.2	159
84	Direct Synthesis of Thermoplastic Polyolefin Elastomers from Nickel-Catalyzed Ethylene Polymerization. Macromolecules, 2017, 50, 6074-6080.	2.2	137
85	Phosphine-sulfonate-based nickel catalysts: ethylene polymerization and copolymerization with polar-functionalized norbornenes. Polymer Chemistry, 2017, 8, 7400-7405.	1.9	74
86	Insights into the reduction of 4-nitrophenol to 4-aminophenol on catalysts. Chemical Physics Letters, 2017, 684, 148-152.	1.2	112
87	Two 8-Hydroxyquinolinate Based Supramolecular Coordination Compounds: Synthesis, Structures and Spectral Properties. Materials, 2017, 10, 313.	1.3	7
88	Direct Synthesis of Branched Carboxylic Acid Functionalized Poly(1-octene) by Î±-Diimine Palladium Catalysts. Polymers, 2017, 9, 122.	2.0	35
89	Influence of Ligand Backbone Structure and Connectivity on the Properties of Phosphine-Sulfonate Pd(II)/Ni(II) Catalysts. Polymers, 2017, 9, 168.	2.0	23
90	Influences of Alkyl and Aryl Substituents on Iminopyridine Fe(II)- and Co(II)-Catalyzed Isoprene Polymerization. Polymers, 2016, 8, 389.	2.0	42

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91	Facile Synthesis of CeO2-LaFeO3 Perovskite Composite and Its Application for 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone (NNK) Degradation. Materials, 2016, 9, 326.	1.3	14
92	Investigations of the Ligand Electronic Effects on Î±-Diimine Nickel(II) Catalyzed Ethylene Polymerization. Polymers, 2016, 8, 37.	2.0	116
93	Ethylene Polymerization by Xantheneâ€Bridged Dinuclear Î±â€Diimine Ni^{II} Complexes. ChemCatChem, 2016, 8, 434-440.	1.8	73
94	Systematic Investigations of Ligand Steric Effects on Î±-Diimine Palladium Catalyzed Olefin Polymerization and Copolymerization. Macromolecules, 2016, 49, 8855-8862.	2.2	223
95	Facile synthesis of uniform hierarchical composites CuO-CeO2 for enhanced dye removal. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	3
96	Influence of Backbone Substituents on the Ethylene (Co)polymerization Properties of Î±-diimine Pd(II) and Ni(II) Catalysts. Organometallics, 2016, 35, 1794-1801.	1.1	90
97	Influence of ligand second coordination sphere effects on the olefin (co)polymerization properties of Î±-diimine Pd(<scp>ii</scp>) catalysts. Polymer Chemistry, 2016, 7, 3933-3938.	1.9	52
98	Highly selective adsorption of organic dyes containing sulphonic groups using Cu2(OH)3NO3 nanosheets. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	8
99	Direct Synthesis of Functionalized Highâ€Molecularâ€Weight Polyethylene by Copolymerization of Ethylene with Polar Monomers. Angewandte Chemie, 2016, 128, 13475-13479.	1.6	48
100	Direct Synthesis of Functionalized Highâ€Molecularâ€Weight Polyethylene by Copolymerization of Ethylene with Polar Monomers. Angewandte Chemie - International Edition, 2016, 55, 13281-13285.	7.2	263
101	Enhanced CO oxidation on CeO₂/Co₃O₄nanojunctions derived from annealing of metal organic frameworks. Nanoscale, 2016, 8, 19761-19768.	2.8	54
102	Palladium and Nickel Catalyzed Chain Walking Olefin Polymerization and Copolymerization. ACS Catalysis, 2016, 6, 428-441.	5.5	418
103	Synthesis of high molecular weight polyethylene using iminopyridyl nickel catalysts. Chemical Communications, 2016, 52, 9113-9116.	2.2	94
104	Ethylene Polymerization and Copolymerization by Palladium and Nickel Catalysts Containing Naphthalene-Bridged Phosphineâ€“Sulfonate Ligands. Organometallics, 2016, 35, 1472-1479.	1.1	66
105	Redox Control in Olefin Polymerization and Copolymerization. Synlett, 2016, 27, 1297-1302.	1.0	21
106	Rational Design of Î±-Fe₂O₃/Reduced Graphene Oxide Composites: Rapid Detection and Effective Removal of Organic Pollutants. ACS Applied Materials & Interfaces, 2016, 8, 6431-6438.	4.0	91
107	Ethylene polymerization by salicylaldimine nickel(<scp>ii</scp>) complexes containing a dibenzhydryl moiety. Dalton Transactions, 2016, 45, 1496-1503.	1.6	74
108	Highly Robust Palladium(II) Î±â€Diimine Catalysts for Slowâ€Chainâ€Walking Polymerization of Ethylene and Copolymerization with Methyl Acrylate. Angewandte Chemie - International Edition, 2015, 54, 9948-9953.	7.2	309

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109	Redoxâ€Controlled Olefin (Co)Polymerization Catalyzed by Ferroceneâ€Bridged Phosphineâ€Sulfonate Palladium Complexes. Angewandte Chemie - International Edition, 2015, 54, 15520-15524.	7.2	128
110	Synthesis and Tribological Studies of Branched Alcohol Derived Epoxidized Biodiesel. Materials, 2015, 8, 6623-6632.	1.3	4
111	Facile synthesis of graphene-like Co3S4 nanosheet/Ag2S nanocomposite with enhanced performance in visible-light photocatalysis. Applied Surface Science, 2015, 351, 374-381.	3.1	39
112	Norbornene homopolymerization and copolymerization with ethylene by phosphine-sulfonate nickel catalysts. Polymer Chemistry, 2015, 6, 2669-2676.	1.9	88
113	(Î±-Diimine)palladium catalyzed ethylene polymerization and (co)polymerization with polar comonomers. Science China Chemistry, 2015, 58, 1663-1673.	4.2	131
114	Facile synthesis of iron oxides/reduced graphene oxide composites: application for electromagnetic wave absorption at high temperature. Scientific Reports, 2015, 5, 9298.	1.6	88
115	Polymerization of disubstituted acetylenes by monodentate NHC-Pd catalysts. Polymer Chemistry, 2015, 6, 7127-7132.	1.9	15
116	Ethylene Polymerization and Copolymerization with Polar Monomers by Cationic Phosphine Phosphonic Amide Palladium Complexes. ACS Catalysis, 2015, 5, 5932-5937.	5.5	124
117	Ring-opening polymerization of rac-lactide using anilinotropone-based aluminum complexes-sidearm effect on the catalysis. Polymer, 2015, 64, 234-239.	1.8	18
118	Preparation of Biodiesel from Soybean Catalyzed by Basic Ionic Liquids [Hnmm]OH. Materials, 2014, 7, 8012-8023.	1.3	23
119	Controlled Synthesis of Carbon Nanoparticles in a Supercritical Carbon Disulfide System. Materials, 2014, 7, 97-105.	1.3	32
120	Visible-Light Active and Magnetically Recyclable Nanocomposites for the Degradation of Organic Dye. Materials, 2014, 7, 4034-4044.	1.3	29
121	Doped graphene for metal-free catalysis. Chemical Society Reviews, 2014, 43, 2841-2857.	18.7	710
122	One for Two: Conversion of Waste Chicken Feathers to Carbon Microspheres and (NH₄)HCO₃. Environmental Science & Technology, 2014, 48, 6500-6507.	4.6	29
123	Synthesis and application of binuclear Î±-diimine nickel/palladium catalysts with a conjugated backbone. Dalton Transactions, 2014, 43, 2900-2906.	1.6	53
124	Syntheses of Well-Defined Functional Isotactic Polypropylenes via Efficient Copolymerization of Propylene with Ï‰-Halo-Î±-alkenes by Post-metallocene Hafnium Catalyst. Macromolecules, 2014, 47, 552-559.	2.2	93
125	Facile Synthesis of Î²â€Diketone Alcohols for Combined Functionality: Initiation, Catalysis, and Luminescence. Macromolecular Rapid Communications, 2014, 35, 566-573.	2.0	25
126	Ni(II) Phenoxyiminato Olefin Polymerization Catalysis: Striking Coordinative Modulation of Hyperbranched Polymer Microstructure and Stability by a Proximate Sulfonyl Group. ACS Catalysis, 2014, 4, 999-1003.	5.5	91

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127	WO₃ and Ag nanoparticle co-sensitized TiO₂ nanowires: preparation and the enhancement of photocatalytic activity. RSC Advances, 2014, 4, 23831-23837.	1.7	30
128	Coreâ€“shell CeO2@C nanospheres as enhanced anode materials for lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 6790.	5.2	59
129	Magnetically responsive photonic watermarks on banknotes. Journal of Materials Chemistry C, 2014, 2, 3695.	2.7	134
130	Large-Scale Synthesis of Monodisperse Magnesium Ferrite via an Environmentally Friendly Molten Salt Route. Inorganic Chemistry, 2014, 53, 2053-2057.	1.9	21
131	Conversion of Chicken Feather Waste to N-Doped Carbon Nanotubes for the Catalytic Reduction of 4-Nitrophenol. Environmental Science & Technology, 2014, 48, 10191-10197.	4.6	109
132	Cationic Palladium(II) Complexes of Phosphineâ€“Sulfonamide Ligands: Synthesis, Characterization, and Catalytic Ethylene Oligomerization. Organometallics, 2014, 33, 3738-3745.	1.1	42
133	Low-Cost, Acid/Alkaline-Resistant, and Fluorine-Free Superhydrophobic Fabric Coating from Onionlike Carbon Microspheres Converted from Waste Polyethylene Terephthalate. Environmental Science & Technology, 2014, 48, 2928-2933.	4.6	46
134	Metal-free catalytic reduction of 4-nitrophenol to 4-aminophenol by N-doped graphene. Energy and Environmental Science, 2013, 6, 3260.	15.6	390
135	Friction and Wear Protection Performance of Synthetic Siloxane Lubricants. Tribology Letters, 2013, 51, 365-376.	1.2	15
136	Energy Efficient Siloxane Lubricants Utilizing Temporary Shear-Thinning. Tribology Letters, 2013, 49, 525-538.	1.2	14
137	Low temperature synthesis and photocatalytic property of perovskite-type LaCoO3 hollow spheres. Journal of Alloys and Compounds, 2013, 576, 5-12.	2.8	75
138	Magnetically controllable colloidal photonic crystals: unique features and intriguing applications. Journal of Materials Chemistry C, 2013, 1, 6013.	2.7	47
139	Facile Approach to Prepare Pd Nanoarray Catalysts within Porous Alumina Templates on Macroscopic Scales. ACS Applied Materials & Interfaces, 2013, 5, 12695-12700.	4.0	26
140	Invisible photonic printing: computer designing graphics, UV printing and shown by a magnetic field. Scientific Reports, 2013, 3, 1484.	1.6	100
141	Lubrication Properties of Polyalphaolefin and Polysiloxane Lubricants: Molecular Structureâ€“Tribology Relationships. Tribology Letters, 2012, 48, 355.	1.2	44
142	Suppression of Î²-Hydride Chain Transfer in Nickel(II)-Catalyzed Ethylene Polymerization via Weak Fluorocarbon Ligandâ€“Product Interactions. Organometallics, 2012, 31, 3773-3789.	1.1	124
143	Ligand Steric and Fluoroalkyl Substituent Effects on Enchainment Cooperativity and Stability in Bimetallic Nickel(II) Polymerization Catalysts. Chemistry - A European Journal, 2012, 18, 10715-10732.	1.7	110
144	Molecularlyâ€Engineered Lubricants: Synthesis, Activation, and Tribological Characterization of Silver Complexes as Lubricant Additives. Advanced Engineering Materials, 2012, 14, 101-105.	1.6	13

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145	Synthesis and ethylene polymerization behavior of {MeB(3-Ph-pyrazolyl)3}TiCl3. Journal of Organometallic Chemistry, 2010, 695, 2543-2547.	0.8	9
146	Cationic Polymerization and Insertion Chemistry in the Reactions of Vinyl Ethers with (Î±-Diimine)PdMe⁺Species. Journal of the American Chemical Society, 2010, 132, 5273-5284.	6.6	138
147	Lewis Acid Catalyzed Synthesis of Poly(pyrazolyl)borate Ligands. Organometallics, 2010, 29, 3679-3682.	1.1	5
148	Synthesis, Structures, and Ethylene Polymerization Behavior of Bis(pyrazolyl)borate Zirconium and Hafnium Benzyl Complexes. Organometallics, 2010, 29, 5373-5381.	1.1	27
149	Palladium-Catalyzed Dimerization of Vinyl Ethers to Acetals. Journal of the American Chemical Society, 2010, 132, 10254-10255.	6.6	77
150	Formation of C60 by reduction of CO2. Journal of Supercritical Fluids, 2009, 50, 42-45.	1.6	23
151	RECENT DEVELOPMENT IN DIAMOND SYNTHESIS. International Journal of Modern Physics B, 2008, 22, 309-326.	1.0	8
152	Multiple Insertion of a Silyl Vinyl Ether by (Î±-Diimine)PdMe+ Species. Journal of the American Chemical Society, 2008, 130, 12892-12893.	6.6	89
153	Reducing Reaction of Fe3O4in Nanoscopic Reactors of a-CNTs. Journal of Physical Chemistry B, 2007, 111, 1724-1728.	1.2	31
154	Synthesis of carbonâ€“Fe3O4 coaxial nanofibres by pyrolysis of ferrocene in supercritical carbon dioxide. Carbon, 2007, 45, 727-731.	5.4	57
155	Fabrication of Y-junction carbon nanotubes by reduction of carbon dioxide with sodium borohydride. Diamond and Related Materials, 2006, 15, 1540-1543.	1.8	35
156	Large-scale synthesis of carbon spheres by reduction of supercritical CO2 with metallic calcium. Chemical Physics Letters, 2006, 421, 584-588.	1.2	29
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