Guodong Du

List of Publications by Year
in descending order

34 papers	1,212 citations	361413 20 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	1415 citing authors

#	Article	IF	Citations
1	Star-shaped Poly(hydroxybutyrate)s from bio-based polyol cores via zinc catalyzed ring-opening polymerization of Î²-Butyrolactone. European Polymer Journal, 2021, 160, 110756.	5.4	2
2	Highly Selective Hydroboration of Carbonyls by a Manganese Catalyst: Insight into the Reaction Mechanism. Organometallics, 2020, 39, 3375-3383.	2.3	22
3	Zinc Amido-Oxazolinate Catalyzed Ring Opening Copolymerization and Terpolymerization of Maleic Anhydride and Epoxides. Molecules, 2020, 25, 4044.	3.8	6
4	Cyclic and Linear Polyhydroxylbutyrates from Ring-Opening Polymerization of Î²-Butyrolactone with Amido-Oxazolinate Zinc Catalysts. Macromolecules, 2019, 52, 157-166.	4.8	28
5	Effect of dihalides on the polymer linkages in the Cs2CO3-promoted polycondensation of 1 atm carbon dioxide and diols. Materials Today Communications, 2019, 18, 100-109.	1.9	6
6	Polymers from Bioderived Resources: Synthesis of Poly(silylether)s from Furan Derivatives Catalyzed by a Salenâ€“Mn(V) Complex. ACS Sustainable Chemistry and Engineering, 2018, 6, 2491-2497.	6.7	45
7	Survey of several catalytic systems for the epoxidation of a biobased ester sucrose soyate. Catalysis Communications, 2018, 111, 31-35.	3.3	3
8	Renewable Isohexideâ€Based, Hydrolytically Degradable Poly(silyl ether)s with High Thermal Stability. ChemSusChem, 2018, 11, 2881-2888.	6.8	15
9	Versatile Manganese Catalysis for the Synthesis of Poly(silylether)s from Diols and Dicarbonyls with Hydrosilanes. ACS Omega, 2017, 2, 582-591.	3.5	33
10	Ringâ€Opening Copolymerization of Styrene Oxide and Cyclic Anhydrides by using Highly Effective Zinc Amidoâ€“Oxazolinate Catalysts. ChemCatChem, 2017, 9, 1343-1348.	3.7	25
11	Synthesis of Polycarbonates and Poly(ether carbonate)s Directly from Carbon Dioxide and Diols Promoted by a Cs₂CO₃/CH₂Cl₂ System. ACS Omega, 2016, 1, 1049-1057.	3.5	27
12	Synthesis of ChiralC₂-Symmetric Bimetallic Zinc Complexes of Amido-Oxazolinates and Their Application in Copolymerization of CO₂and Cyclohexene Oxide. ChemistrySelect, 2016, 1, 3175-3183.	1.5	13
13	Dehydrogenative coupling of alcohols and carboxylic acids with hydrosilanes catalyzed by a salenâ€“Mn(<scp>v</scp>) complex. Catalysis Science and Technology, 2016, 6, 3886-3892.	4.1	35
14	Ring-Opening Polymerization of rac-Lactide with Aluminum Chiral Anilido-Oxazolinate Complexes. Organometallics, 2014, 33, 2489-2495.	2.3	42
15	Zinc-Catalyzed Highly Isoselective Ring Opening Polymerization of rac-Lactide. ACS Macro Letters, 2014, 3, 689-692.	4.8	163
16	Unexpected Formation of Chiral Pincer CNN Nickel Complexes with Î²-Diketiminato Type Ligands via Câ€“H Activation: Synthesis, Properties, Structures, and Computational Studies. Inorganic Chemistry, 2013, 52, 1454-1465.	4.0	18
17	Scope and Mechanistic Studies of Catalytic Hydrosilylation with a High-Valent Nitridoruthenium(VI). ACS Catalysis, 2013, 3, 678-684.	11.2	44
18	An Efficient Catalyst Based on Manganese Salen for Hydrosilylation of Carbonyl Compounds. Organometallics, 2013, 32, 5034-5037.	2.3	71

#	Article	IF	Citations
19	Chiral Amido-Oxazolinate Zinc Complexes for Asymmetric Alternating Copolymerization of CO₂ and Cyclohexene Oxide. Organometallics, 2012, 31, 7394-7403.	2.3	50
20	Cationic nitridoruthenium(VI) catalyzed hydrosilylation of ketones and aldehydes. Tetrahedron Letters, 2011, 52, 1670-1672.	1.4	20
21	Modular Synthesis of Chiral Î²-Diketiminato-Type Ligands Containing 2-Oxazoline Moiety via Palladium-Catalyzed Amination. Synthesis, 2011, 2011, 2609-2618.	2.3	9
22	Oxo and Imido Complexes of Rhenium and Molybdenum in Catalytic Reductions. Current Organic Chemistry, 2008, 12, 1185-1198.	1.6	50
23	Mechanistic Insight into Hydrosilylation Reactions Catalyzed by High Valent Reâ‹®X (X = O, NAr, or N) Complexes:Â The Silane (SiH) Does Not Add across the Metalâˆ’Ligand Multiple Bond. Journal of the American Chemical Society, 2007, 129, 5180-5187.	13.7	103
24	Iron Porphyrin Catalyzed Nâˆ’H Insertion Reactions with Ethyl Diazoacetate. Organometallics, 2007, 26, 3995-4002.	2.3	108
25	Catalytic Hydrosilylation of Carbonyl Compounds with Cationic Oxorhenium(V) Salen. Organometallics, 2006, 25, 4920-4923.	2.3	76
26	Kinetics of the Reaction of Chromium(VI) with Tris(1,10-phenanthroline)iron(II) Ions in Acidic Solutions. Anion and Medium Effects:Â Perchlorate versus Triflate. Inorganic Chemistry, 2006, 45, 1053-1058.	4.0	6
27	Alcohol oxidation with dioxygen mediated by oxotitanium porphyrin and related transition metal complexes. Journal of Porphyrins and Phthalocyanines, 2005, 09, 206-213.	0.8	11
28	Oxidation of Vanadium(III) by Hydrogen Peroxide and the Oxomonoperoxo Vanadium(V) Ion in Acidic Aqueous Solutions:Â A Kinetics and Simulation Study. Inorganic Chemistry, 2005, 44, 5514-5522.	4.0	18
29	Oxidation of Triarylphosphines and Aryl Methyl Sulfides with Hydrogen Peroxide Catalyzed by Dioxovanadium(V) Ion. Inorganic Chemistry, 2005, 44, 2465-2471.	4.0	39
30	Catalytic epoxidation of methyl linoleate. JAOCS, Journal of the American Oil Chemists' Society, 2004, 81, 477-480.	1.9	61
31	Reaction of Tin Porphyrins with Vicinal Diols. Inorganic Chemistry, 2004, 43, 2379-2386.	4.0	12
32	Reductive Coupling Reactions of Carbonyl Compounds with a Low-Valent Titanium(II) Porphyrin Complex. Organometallics, 2004, 23, 4230-4235.	2.3	22
33	Synthesis, Characterization, and Reactivity of Group 4 Metalloporphyrin Diolate Complexes. Organometallics, 2003, 22, 450-455.	2.3	12
34	Synthesis and Characterization of Chiral Tetraaza Macrocyclic Nickel(II) and Palladium(II) Complexes. Inorganic Chemistry, 2003, 42, 873-877.	4.0	17