

Guodong Du

List of Publications by Year in descending order

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34
papers

1,212
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361296

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377752

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#	ARTICLE	IF	CITATIONS
1	Star-shaped Poly(hydroxybutyrate)s from bio-based polyol cores via zinc catalyzed ring-opening polymerization of $\hat{1}$ -Butyrolactone. <i>European Polymer Journal</i> , 2021, 160, 110756.	2.6	2
2	Highly Selective Hydroboration of Carbonyls by a Manganese Catalyst: Insight into the Reaction Mechanism. <i>Organometallics</i> , 2020, 39, 3375-3383.	1.1	22
3	Zinc Amido-Oxazolate Catalyzed Ring Opening Copolymerization and Terpolymerization of Maleic Anhydride and Epoxides. <i>Molecules</i> , 2020, 25, 4044.	1.7	6
4	Cyclic and Linear Polyhydroxylbutyrates from Ring-Opening Polymerization of $\hat{1}$ -Butyrolactone with Amido-Oxazolate Zinc Catalysts. <i>Macromolecules</i> , 2019, 52, 157-166.	2.2	28
5	Effect of dihalides on the polymer linkages in the Cs ₂ CO ₃ -promoted polycondensation of 1 atm carbon dioxide and diols. <i>Materials Today Communications</i> , 2019, 18, 100-109.	0.9	6
6	Polymers from Bioderived Resources: Synthesis of Poly(silylether)s from Furan Derivatives Catalyzed by a Salen-Mn(V) Complex. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2491-2497.	3.2	45
7	Survey of several catalytic systems for the epoxidation of a biobased ester sucrose soyate. <i>Catalysis Communications</i> , 2018, 111, 31-35.	1.6	3
8	Renewable Isohexide-Based, Hydrolytically Degradable Poly(silyl ether)s with High Thermal Stability. <i>ChemSusChem</i> , 2018, 11, 2881-2888.	3.6	15
9	Versatile Manganese Catalysis for the Synthesis of Poly(silylether)s from Diols and Dicarboxylic Acids with Hydrosilanes. <i>ACS Omega</i> , 2017, 2, 582-591.	1.6	33
10	Ring-Opening Copolymerization of Styrene Oxide and Cyclic Anhydrides by using Highly Effective Zinc Amido-Oxazolate Catalysts. <i>ChemCatChem</i> , 2017, 9, 1343-1348.	1.8	25
11	Synthesis of Polycarbonates and Poly(ether carbonate)s Directly from Carbon Dioxide and Diols Promoted by a Cs ₂ CO ₃ /CH ₂ Cl ₂ System. <i>ACS Omega</i> , 2016, 1, 1049-1057.	1.6	27
12	Synthesis of Chiral C ₂ -Symmetric Bimetallic Zinc Complexes of Amido-Oxazolines and Their Application in Copolymerization of CO ₂ and Cyclohexene Oxide. <i>ChemistrySelect</i> , 2016, 1, 3175-3183.	0.7	13
13	Dehydrogenative coupling of alcohols and carboxylic acids with hydrosilanes catalyzed by a salen-Mn complex. <i>Catalysis Science and Technology</i> , 2016, 6, 3886-3892.	2.1	35
14	Ring-Opening Polymerization of <i>rac</i> -Lactide with Aluminum Chiral Anilido-Oxazolate Complexes. <i>Organometallics</i> , 2014, 33, 2489-2495.	1.1	42
15	Zinc-Catalyzed Highly Ioselective Ring Opening Polymerization of <i>rac</i> -Lactide. <i>ACS Macro Letters</i> , 2014, 3, 689-692.	2.3	163
16	Unexpected Formation of Chiral Pincer CNN Nickel Complexes with $\hat{1}$ -Diketiminato Type Ligands via C-H Activation: Synthesis, Properties, Structures, and Computational Studies. <i>Inorganic Chemistry</i> , 2013, 52, 1454-1465.	1.9	18
17	Scope and Mechanistic Studies of Catalytic Hydrosilylation with a High-Valent Nitridoruthenium(VI). <i>ACS Catalysis</i> , 2013, 3, 678-684.	5.5	44
18	An Efficient Catalyst Based on Manganese Salen for Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , 2013, 32, 5034-5037.	1.1	71

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19	Chiral Amido-Oxazolate Zinc Complexes for Asymmetric Alternating Copolymerization of CO ₂ and Cyclohexene Oxide. <i>Organometallics</i> , 2012, 31, 7394-7403.	1.1	50
20	Cationic nitridoruthenium(VI) catalyzed hydrosilylation of ketones and aldehydes. <i>Tetrahedron Letters</i> , 2011, 52, 1670-1672.	0.7	20
21	Modular Synthesis of Chiral λ^2 -Diketiminato-Type Ligands Containing 2-Oxazoline Moiety via Palladium-Catalyzed Amination. <i>Synthesis</i> , 2011, 2011, 2609-2618.	1.2	9
22	Oxo and Imido Complexes of Rhenium and Molybdenum in Catalytic Reductions. <i>Current Organic Chemistry</i> , 2008, 12, 1185-1198.	0.9	50
23	Mechanistic Insight into Hydrosilylation Reactions Catalyzed by High Valent Re ⁺ X (X = O, NAr, or N) Complexes: The Silane (SiH) Does Not Add across the Metal ⁺ Ligand Multiple Bond. <i>Journal of the American Chemical Society</i> , 2007, 129, 5180-5187.	6.6	103
24	Iron Porphyrin Catalyzed N ⁺ H Insertion Reactions with Ethyl Diazoacetate. <i>Organometallics</i> , 2007, 26, 3995-4002.	1.1	108
25	Catalytic Hydrosilylation of Carbonyl Compounds with Cationic Oxorhenium(V) Salen. <i>Organometallics</i> , 2006, 25, 4920-4923.	1.1	76
26	Kinetics of the Reaction of Chromium(VI) with Tris(1,10-phenanthroline)iron(II) Ions in Acidic Solutions. Anion and Medium Effects: A Perchlorate versus Triflate. <i>Inorganic Chemistry</i> , 2006, 45, 1053-1058.	1.9	6
27	Alcohol oxidation with dioxygen mediated by oxotitanium porphyrin and related transition metal complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 206-213.	0.4	11
28	Oxidation of Vanadium(III) by Hydrogen Peroxide and the Oxomonoperoxo Vanadium(V) Ion in Acidic Aqueous Solutions: A Kinetics and Simulation Study. <i>Inorganic Chemistry</i> , 2005, 44, 5514-5522.	1.9	18
29	Oxidation of Triarylphosphines and Aryl Methyl Sulfides with Hydrogen Peroxide Catalyzed by Dioxovanadium(V) Ion. <i>Inorganic Chemistry</i> , 2005, 44, 2465-2471.	1.9	39
30	Catalytic epoxidation of methyl linoleate. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 477-480.	0.8	61
31	Reaction of Tin Porphyrins with Vicinal Diols. <i>Inorganic Chemistry</i> , 2004, 43, 2379-2386.	1.9	12
32	Reductive Coupling Reactions of Carbonyl Compounds with a Low-Valent Titanium(II) Porphyrin Complex. <i>Organometallics</i> , 2004, 23, 4230-4235.	1.1	22
33	Synthesis, Characterization, and Reactivity of Group 4 Metalloporphyrin Diolate Complexes. <i>Organometallics</i> , 2003, 22, 450-455.	1.1	12
34	Synthesis and Characterization of Chiral Tetraaza Macrocyclic Nickel(II) and Palladium(II) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 873-877.	1.9	17