

# Guodong Du

## List of Publications by Citations

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34  
papers

1,068  
citations

18  
h-index

32  
g-index

35  
ext. papers

1,152  
ext. citations

4.7  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
34	Zinc-Catalyzed Highly Ioselective Ring Opening Polymerization of $\epsilon$ -Lactide. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 689-692	6.6	151
33	Mechanistic insight into hydrosilylation reactions catalyzed by high valent ReX (X = O, NAr, or N) complexes: the silane (Si-H) does not add across the metal-ligand multiple bond. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 5180-7	16.4	100
32	Iron Porphyrin Catalyzed N <sub>2</sub> Insertion Reactions with Ethyl Diazoacetate. <i>Organometallics</i> , <b>2007</b> , 26, 3995-4002	3.8	94
31	Catalytic Hydrosilylation of Carbonyl Compounds with Cationic Oxorhenium(V) Salen. <i>Organometallics</i> , <b>2006</b> , 25, 4920-4923	3.8	72
30	An Efficient Catalyst Based on Manganese Salen for Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , <b>2013</b> , 32, 5034-5037	3.8	63
29	Catalytic epoxidation of methyl linoleate. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2004</b> , 81, 477-480	1.8	56
28	Oxo and Imido Complexes of Rhenium and Molybdenum in Catalytic Reductions. <i>Current Organic Chemistry</i> , <b>2008</b> , 12, 1185-1198	1.7	48
27	Scope and Mechanistic Studies of Catalytic Hydrosilylation with a High-Valent Nitridoruthenium(VI). <i>ACS Catalysis</i> , <b>2013</b> , 3, 678-684	13.1	44
26	Chiral Amido-Oxazolinato Zinc Complexes for Asymmetric Alternating Copolymerization of CO <sub>2</sub> and Cyclohexene Oxide. <i>Organometallics</i> , <b>2012</b> , 31, 7394-7403	3.8	43
25	Ring-Opening Polymerization of $\epsilon$ -Lactide with Aluminum Chiral Anilido-Oxazolinato Complexes. <i>Organometallics</i> , <b>2014</b> , 33, 2489-2495	3.8	39
24	Polymers from Bioderived Resources: Synthesis of Poly(silylether)s from Furan Derivatives Catalyzed by a SalenMn(V) Complex. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 2491-2497	8.3	37
23	Oxidation of triarylphosphines and aryl methyl sulfides with hydrogen peroxide catalyzed by dioxovanadium(V) ion. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 2465-71	5.1	37
22	Dehydrogenative coupling of alcohols and carboxylic acids with hydrosilanes catalyzed by a salenMn(V) complex. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 3886-3892	5.5	30
21	Versatile Manganese Catalysis for the Synthesis of Poly(silylether)s from Diols and Dicarboxylic Acids with Hydrosilanes. <i>ACS Omega</i> , <b>2017</b> , 2, 582-591	3.9	25
20	Reductive Coupling Reactions of Carbonyl Compounds with a Low-Valent Titanium(II) Porphyrin Complex. <i>Organometallics</i> , <b>2004</b> , 23, 4230-4235	3.8	20
19	Ring-Opening Copolymerization of Styrene Oxide and Cyclic Anhydrides by using Highly Effective Zinc Amido-Oxazolinato Catalysts. <i>ChemCatChem</i> , <b>2017</b> , 9, 1343-1348	5.2	19
18	Cationic nitridoruthenium(VI) catalyzed hydrosilylation of ketones and aldehydes. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1670-1672	2	19

17	Cyclic and Linear Polyhydroxybutyrates from Ring-Opening Polymerization of $\epsilon$ -Butyrolactone with Amido-Oxazolate Zinc Catalysts. <i>Macromolecules</i> , <b>2019</b> , 52, 157-166	5.5	19
16	Unexpected formation of chiral pincer CNN nickel complexes with $\beta$ -diketiminato type ligands via C-H activation: synthesis, properties, structures, and computational studies. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1454-65	5.1	16
15	Synthesis and characterization of chiral tetraaza macrocyclic nickel(II) and palladium(II) complexes. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 873-7	5.1	16
14	Synthesis of Polycarbonates and Poly(ether carbonate)s Directly from Carbon Dioxide and Diols Promoted by a CsCO/CHCl System. <i>ACS Omega</i> , <b>2016</b> , 1, 1049-1057	3.9	15
13	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> , <b>2005</b> , 44, 5514-22	5.1	14
12	Synthesis of Chiral C <sub>2</sub> -Symmetric Bimetallic Zinc Complexes of Amido-Oxazolines and Their Application in Copolymerization of CO <sub>2</sub> and Cyclohexene Oxide. <i>ChemistrySelect</i> , <b>2016</b> , 1, 3175-3183	1.8	12
11	Highly Selective Hydroboration of Carbonyls by a Manganese Catalyst: Insight into the Reaction Mechanism. <i>Organometallics</i> , <b>2020</b> , 39, 3375-3383	3.8	12
10	Renewable Isohexide-Based, Hydrolytically Degradable Poly(silyl ether)s with High Thermal Stability. <i>ChemSusChem</i> , <b>2018</b> , 11, 2881-2888	8.3	11
9	Reaction of tin porphyrins with vicinal diols. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 2379-86	5.1	11
8	Synthesis, Characterization, and Reactivity of Group 4 Metalloporphyrin Diolate Complexes. <i>Organometallics</i> , <b>2003</b> , 22, 450-455	3.8	11
7	Alcohol oxidation with dioxygen mediated by oxotitanium porphyrin and related transition metal complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2005</b> , 09, 206-213	1.8	11
6	Modular Synthesis of Chiral $\beta$ -diketiminato-Type Ligands Containing 2-Oxazoline Moiety via Palladium-Catalyzed Amination. <i>Synthesis</i> , <b>2011</b> , 2011, 2609-2618	2.9	7
5	Kinetics of the reaction of chromium(VI) with tris(1,10-phenanthroline)iron(II) ions in acidic solutions. Anion and medium effects: perchlorate versus triflate. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1053-8	5.1	5
4	Effect of dihalides on the polymer linkages in the Cs <sub>2</sub> CO <sub>3</sub> -promoted polycondensation of 1 atm carbon dioxide and diols. <i>Materials Today Communications</i> , <b>2019</b> , 18, 100-109	2.5	4
3	Survey of several catalytic systems for the epoxidation of a biobased ester sucrose soyate. <i>Catalysis Communications</i> , <b>2018</b> , 111, 31-35	3.2	3
2	Zinc Amido-Oxazolate Catalyzed Ring Opening Copolymerization and Terpolymerization of Maleic Anhydride and Epoxides. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
1	Star-shaped Poly(hydroxybutyrate)s from bio-based polyol cores via zinc catalyzed ring-opening polymerization of $\epsilon$ -Butyrolactone. <i>European Polymer Journal</i> , <b>2021</b> , 160, 110756	5.2	2