Chuanyong Wang

List of Publications by Year
in descending order

21 papers	1,928 citations	471371 17 h-index	677027 22 g-index
28 all docs	28 docs citations	28 times ranked	1646 citing authors

#	Article	IF	Citations
1	Asymmetric Câ€“H Activation for the Synthesis of P- and Axially Chiral Biaryl Phosphine Oxides by an Achiral Cp*Ir Catalyst with Chiral Carboxylic Amide. ACS Catalysis, 2022, 12, 193-199.	5.5	38
2	Site-selective desaturation of C(sp³)â€“C(sp³) bonds via photoinduced ruthenium catalysis. Organic Chemistry Frontiers, 2022, 9, 4316-4327.	2.3	1
3	Asymmetric Synthesis of P-Stereogenic Secondary Phosphine-Boranes by an Unsymmetric Bisphosphine Pincer-Nickel Complex. Journal of the American Chemical Society, 2021, 143, 5685-5690.	6.6	85
4	Asymmetric construction of quaternary Î±-nitro amides by palladium-catalyzed C(sp³)â€“H arylation. Chemical Communications, 2020, 56, 2292-2295.	2.2	10
5	Site-Tunable C_{sp³}â€“H Bonds Functionalization by Visible-Light-Induced Radical Translocation of N-Alkoxyphthalimides. Organic Letters, 2019, 21, 9147-9152.	2.4	49
6	Proline and Î±â€Methylproline as Chiral Auxiliaries for the Synthesis of Enantiopure Bisâ€Cyclometalated Iridium(III) Complexes. European Journal of Inorganic Chemistry, 2016, 2016, 2896-2901.	1.0	18
7	Catalytic Asymmetric Câˆ’H Functionalization under Photoredox Conditions by Radical Translocation and Stereocontrolled Alkene Addition. Angewandte Chemie, 2016, 128, 13693-13696.	1.6	91
8	Catalytic Asymmetric Câˆ’H Functionalization under Photoredox Conditions by Radical Translocation and Stereocontrolled Alkene Addition. Angewandte Chemie - International Edition, 2016, 55, 13495-13498.	7.2	231
9	Synthesis and molecular structures of divalent bridged bis(guanidinate) europium complexes and their application in intermolecular hydrophosphination of alkenes and alkynes. New Journal of Chemistry, 2016, 40, 10447-10454.	1.4	11
10	Asymmetric Radicalâ€“Radical Crossâ€Coupling through Visibleâ€Lightâ€Activated Iridium Catalysis. Angewandte Chemie - International Edition, 2016, 55, 685-688.	7.2	218
11	Enantioselective, Catalytic Trichloromethylation through Visible-Light-Activated Photoredox Catalysis with a Chiral Iridium Complex. Journal of the American Chemical Society, 2015, 137, 9551-9554.	6.6	162
12	Merger of Visible Light Induced Oxidation and Enantioselective Alkylation with a Chiral Iridium Catalyst. Chemistry - A European Journal, 2015, 21, 7355-7359.	1.7	78
13	Asymmetric Lewis acid catalysis directed by octahedral rhodium centrochirality. Chemical Science, 2015, 6, 1094-1100.	3.7	148
14	Octahedral Chiralâ€atâ€Metal Iridium Catalysts: Versatile Chiral Lewis Acids for Asymmetric Conjugate Additions. Chemistry - A European Journal, 2015, 21, 9720-9726.	1.7	66
15	Asymmetric photoredox transition-metal catalysis activated by visible light. Nature, 2014, 515, 100-103.	13.7	527
16	Metal-templated enantioselective enamine/H-bonding dual activation catalysis. Chemical Communications, 2014, 50, 10409.	2.2	54
17	Unprecedented reaction of bridged bis(guanidinate) lanthanide complexes: sterically induced deprotonation. Dalton Transactions, 2013, 42, 7009.	1.6	17
18	Synthesis of a Naphthalene-Bridged Bis(guanidinato)ytterbium(II) Complex and an Unexpected Pathway in Its Reaction with CH3CN, p-ClC6H4CH2CN, and Ph2CHCN. Organometallics, 2013, 32, 3618-3624.	1.1	19

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19	Syntheses of lanthanide monochloride and monoborohydride complexes supported by bridged bis(guanidinate) ligand and the use of borohydride complexes in polymerization of cyclic esters. Journal of Organometallic Chemistry, 2012, 713, 182-188.	0.8	21
20	Synthesis and structure of samarium benzyl complex supported by bridged bis(guanidinate) ligand and its reactivity toward nitriles and phenyl isocyanate. Journal of Organometallic Chemistry, 2012, 716, 86-94.	0.8	20
21	Synthesis, Molecular Structures, and Reactivity of Dianionic Guanidinate Lanthanide/Lithium Derivatives. European Journal of Inorganic Chemistry, 2012, 2012, 847-858.	1.0	15