Zhi Li

List of Publications by Year in descending order

25 papers	930 citations	706676 14 h-index	591227 27 g-index
33 all docs	33 docs citations	33 times ranked	1209 citing authors

#	Article	IF	Citations
1	Hf(OTf)₄-Catalyzed 1,6-Conjugate Addition of 2-Alkyl-azaarenes to para-Quinone Methides. Journal of Organic Chemistry, 2021, 86, 3615-3624.	1.7	12
2	Bis(Ì¼-oxo)â€“Dititanium(IV)â€“Chiral Binaphthyldisulfonate Complexes for Highly Enantioselective Intramolecular Hydroalkoxylation of Nonactivated Alkenes. ACS Catalysis, 2021, 11, 6270-6275.	5.5	13
3	Acidic metalâ€“organic framework empowered precise hydrodeoxygenation of bio-based furan compounds and cyclic ethers for sustainable fuels. Green Chemistry, 2021, 23, 9974-9981.	4.6	9
4	Oxidative Aromatization of Biobased Chemicals to Benzene Derivatives through Tandem Catalysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 14322-14329.	3.2	11
5	When Anthracene and Quinone Avoid Cycloaddition: Acid-Catalyzed Redox Neutral Functionalization of Anthracene to Aryl Ethers. Organic Letters, 2020, 22, 4276-4282.	2.4	4
6	Asymmetric Synthesis of Ethers by Catalytic Alkene HydroÂalkoxyÂlation. Synthesis, 2020, 52, 2127-2146.	1.2	12
7	Catalytic Oneâ€Pot Conversion of Renewable Platform Chemicals to Hydrocarbon and Ether Biofuels through Tandem Hf(OTf)₄+Pd/C Catalysis. ChemSusChem, 2019, 12, 5217-5223.	3.6	12
8	Catalytic amidation of natural and synthetic polyol esters with sulfonamides. Nature Communications, 2019, 10, 3881.	5.8	4
9	Catalytic Redox Chain Ring Opening of Lactones with Quinones To Synthesize Quinone-Containing Carboxylic Acids. Organic Letters, 2019, 21, 5078-5081.	2.4	11
10	Deciphering the Redox Chain Mechanism in the Catalytic Alkylation of Quinones. Synlett, 2018, 29, 1807-1813.	1.0	6
11	Catalytic Electrophilic Alkylation of pâ€Quinones through a Redox Chain Reaction. Angewandte Chemie, 2017, 129, 8308-8312.	1.6	10
12	Catalytic Electrophilic Alkylation of pâ€Quinones through a Redox Chain Reaction. Angewandte Chemie - International Edition, 2017, 56, 8196-8200.	7.2	32
13	Thermodynamic Strategies for Câ€“O Bond Formation and Cleavage via Tandem Catalysis. Accounts of Chemical Research, 2016, 49, 824-834.	7.6	72
14	Mono- and tri-ester hydrogenolysis using tandem catalysis. Scope and mechanism. Energy and Environmental Science, 2016, 9, 550-564.	15.6	36
15	Thermodynamically Leveraged Tandem Catalysis for Ester RC(O)Oâ€“Râ€² Bond Hydrogenolysis. Scope and Mechanism. ACS Catalysis, 2015, 5, 3675-3679.	5.5	26
16	Selective Ether/Ester Câ€“O Cleavage of an Acetylated Lignin Model via Tandem Catalysis. ACS Catalysis, 2015, 5, 7004-7007.	5.5	69
17	Rapid Ether and Alcohol Câ€“O Bond Hydrogenolysis Catalyzed by Tandem High-Valent Metal Triflate + Supported Pd Catalysts. Journal of the American Chemical Society, 2014, 136, 104-107.	6.6	123
18	Friction and Wear Protection Performance of Synthetic Siloxane Lubricants. Tribology Letters, 2013, 51, 365-376.	1.2	15

#	Article	IF	Citations
19	Reaction Pathways and Energetics of Etheric Câ€“O Bond Cleavage Catalyzed by Lanthanide Triflates. ACS Catalysis, 2013, 3, 1908-1914.	5.5	48
20	Hydroxamic Acids in Asymmetric Synthesis. Accounts of Chemical Research, 2013, 46, 506-518.	7.6	92
21	Traction Characteristics of Siloxanes with Aryl and Cyclohexyl Branches. Tribology Letters, 2013, 49, 301-311.	1.2	11
22	Catalytic Enantioselective Epoxidation of Tertiary Allylic and Homoallylic Alcohols. Journal of the American Chemical Society, 2013, 135, 3411-3413.	6.6	69
23	Hf(IV)-Catalyzed Enantioselective Epoxidation of N-Alkenyl Sulfonamides and N-Tosyl Imines. Journal of the American Chemical Society, 2012, 134, 5440-5443.	6.6	70
24	Zirconium(IV)- and Hafnium(IV)-Catalyzed Highly Enantioselective Epoxidation of Homoallylic and Bishomoallylic Alcohols. Journal of the American Chemical Society, 2010, 132, 7878-7880.	6.6	70
25	Vanadiumâ€Catalyzed Enantioselective Desymmetrization of meso Secondary Allylic Alcohols and Homoallylic Alcohols. Angewandte Chemie - International Edition, 2008, 47, 7520-7522.	7.2	73