Zhi Li

List of Publications by Year
in descending order

25 papers	930 citations	623699 14 h-index	526264 27 g-index
33 all docs	33 docs citations	33 times ranked	1090 citing authors

#	Article	IF	Citations
1	Hf(OTf)₄-Catalyzed 1,6-Conjugate Addition of 2-Alkyl-azaarenes to <i>para</i>-Quinone Methides. Journal of Organic Chemistry, 2021, 86, 3615-3624.	3.2	12
2	Bis(Î¼-oxo)â€“Dititanium(IV)â€“Chiral Binaphthyldisulfonate Complexes for Highly Enantioselective Intramolecular Hydroalkoxylation of Nonactivated Alkenes. ACS Catalysis, 2021, 11, 6270-6275.	11.2	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.	9.0	9
4	Oxidative Aromatization of Biobased Chemicals to Benzene Derivatives through Tandem Catalysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 14322-14329.	6.7	11
5	When Anthracene and Quinone Avoid Cycloaddition: Acid-Catalyzed Redox Neutral Functionalization of Anthracene to Aryl Ethers. Organic Letters, 2020, 22, 4276-4282.	4.6	4
6	Asymmetric Synthesis of Ethers by Catalytic Alkene HydroÂalkoxyÂlation. Synthesis, 2020, 52, 2127-2146.	2.3	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.	6.8	12
8	Catalytic amidation of natural and synthetic polyol esters with sulfonamides. Nature Communications, 2019, 10, 3881.	12.8	4
9	Catalytic Redox Chain Ring Opening of Lactones with Quinones To Synthesize Quinone-Containing Carboxylic Acids. Organic Letters, 2019, 21, 5078-5081.	4.6	11
10	Deciphering the Redox Chain Mechanism in the Catalytic Alkylation of Quinones. Synlett, 2018, 29, 1807-1813.	1.8	6
11	Catalytic Electrophilic Alkylation of <i>p</i>â€Quinones through a Redox Chain Reaction. Angewandte Chemie, 2017, 129, 8308-8312.	2.0	10
12	Catalytic Electrophilic Alkylation of <i>p</i>â€Quinones through a Redox Chain Reaction. Angewandte Chemie - International Edition, 2017, 56, 8196-8200.	13.8	32
13	Thermodynamic Strategies for Câ€“O Bond Formation and Cleavage via Tandem Catalysis. Accounts of Chemical Research, 2016, 49, 824-834.	15.6	72
14	Mono- and tri-ester hydrogenolysis using tandem catalysis. Scope and mechanism. Energy and Environmental Science, 2016, 9, 550-564.	30.8	36
15	Thermodynamically Leveraged Tandem Catalysis for Ester RC(O)Oâ€“Râ€² Bond Hydrogenolysis. Scope and Mechanism. ACS Catalysis, 2015, 5, 3675-3679.	11.2	26
16	Selective Ether/Ester Câ€“O Cleavage of an Acetylated Lignin Model via Tandem Catalysis. ACS Catalysis, 2015, 5, 7004-7007.	11.2	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.	13.7	123
18	Friction and Wear Protection Performance of Synthetic Siloxane Lubricants. Tribology Letters, 2013, 51, 365-376.	2.6	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.	11.2	48
20	Hydroxamic Acids in Asymmetric Synthesis. Accounts of Chemical Research, 2013, 46, 506-518.	15.6	92
21	Traction Characteristics of Siloxanes with Aryl and Cyclohexyl Branches. Tribology Letters, 2013, 49, 301-311.	2.6	11
22	Catalytic Enantioselective Epoxidation of Tertiary Allylic and Homoallylic Alcohols. Journal of the American Chemical Society, 2013, 135, 3411-3413.	13.7	69
23	Hf(IV)-Catalyzed Enantioselective Epoxidation of <i>N</i>-Alkenyl Sulfonamides and <i>N</i>-Tosyl Imines. Journal of the American Chemical Society, 2012, 134, 5440-5443.	13.7	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.	13.7	70
25	Vanadiumâ€Catalyzed Enantioselective Desymmetrization of <i>meso</i> Secondary Allylic Alcohols and Homoallylic Alcohols. Angewandte Chemie - International Edition, 2008, 47, 7520-7522.	13.8	73