

Zijun Wu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

631
citations

687363

13
h-index

839539

18
g-index

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21
docs citations

21
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermolecular Dynamic Kinetic Resolution Cooperatively Catalyzed by an N-Heterocyclic Carbene and a Lewis Acid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1629-1633.	13.8	109
2	Co-occurrence patterns of microbial communities affected by inoculants of plant growth-promoting bacteria during phytoremediation of heavy metal-contaminated soils. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109504.	6.0	75
3	Radical Substitution Provides a Unique Route to Disulfides. <i>Journal of the American Chemical Society</i> , 2020, 142, 10284-10290.	13.7	60
4	Oxidative Enantioselective α -Fluorination of Aliphatic Aldehydes Enabled by N-Heterocyclic Carbene Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 656-659.	13.8	53
5	Chemoselective N-Heterocyclic Carbene-Catalyzed Cascade of Enals with Nitroalkenes. <i>Organic Letters</i> , 2015, 17, 3588-3591.	4.6	45
6	Enantioselective Medium-Ring Lactone Synthesis through an NHC-Catalyzed Intramolecular Desymmetrization of Prochiral 1,3-Diols. <i>ACS Catalysis</i> , 2017, 7, 7647-7652.	11.2	43
7	A Divergent Strategy for Site-Selective Radical Disulfuration of Carboxylic Acids with Trisulfide- α , β -Dioxides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15598-15605.	13.8	38
8	Enantioselective NHC-Catalyzed [3+3] Annulation of α -Bromoaldehydes with 2-Aminobenzimidazoles. <i>Organic Letters</i> , 2020, 22, 391-394.	4.6	33
9	α -Fluoroallenoate Synthesis via N-Heterocyclic Carbene-Catalyzed Fluorination Reaction of Alkynes. <i>Organic Letters</i> , 2016, 18, 576-579.	4.6	31
10	A tandem dearomatization/rearomatization strategy: enantioselective N-heterocyclic carbene-catalyzed α -arylation. <i>Chemical Science</i> , 2019, 10, 2501-2506.	7.4	30
11	Isolation, characterization and the effect of indigenous heavy metal-resistant plant growth-promoting bacteria on sorghum grown in acid mine drainage polluted soils. <i>Journal of General and Applied Microbiology</i> , 2019, 65, 254-264.	0.7	18
12	Carbene-catalyzed oxidative acylation promoted by an unprecedented oxidant CCl_3CN . <i>Organic Chemistry Frontiers</i> , 2019, 6, 688-693.	4.5	9
13	NHC-catalyzed Redox-Neutral Aza-Benzoin Reaction of Aldehydes with Tetrahydroisoquinolines. <i>Chinese Journal of Chemistry</i> , 2020, 38, 135-138.	4.9	9
14	A Divergent Strategy for Site-Selective Radical Disulfuration of Carboxylic Acids with Trisulfide- α , β -Dioxides. <i>Angewandte Chemie</i> , 2021, 133, 15726-15733.	2.0	6
15	Decarboxylative 1,6-Conjugate Addition of α -Keto Acids with <i>para</i> -Quinone Methides Enabled by Photoredox Catalysis. <i>Acta Chimica Sinica</i> , 2017, 75, 74.	1.4	6
16	N-Heterocyclic Carbene-Catalyzed Chemoselective S=O Bond Cleavage of Benzenesulfonic Carbamate. <i>Organic Letters</i> , 2018, 20, 7607-7610.	4.6	5