

Zhitong Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,317
citations

567281

15
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Homogeneous Gold-Catalyzed Oxidation Reactions. <i>Chemical Reviews</i> , 2021, 121, 8979-9038.	47.7	181
2	A Traceless Directing Group Enables Catalytic S_N2 Glycosylation toward 1,2-cis-Glycopyranosides. <i>Journal of the American Chemical Society</i> , 2021, 143, 11908-11913.	13.7	36
3	Non-Diazo C-H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 17551-17555.	2.0	7
4	Non-Diazo C-H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17398-17402.	13.8	25
5	Efficient Synthesis of α -Allylbutenolides from Allyl Ynoates via Tandem Ligand-Enabled Au(I) Catalysis and the Claisen Rearrangement. <i>ACS Catalysis</i> , 2019, 9, 10339-10342.	11.2	22
6	Gold-catalyzed synthesis of α -D-glucosides using an o-ethynylphenyl β -D-1-thioglycoside donor. <i>Carbohydrate Research</i> , 2019, 471, 56-63.	2.3	9
7	Silver-catalyzed stereoselective formation of glycosides using glycosyl ynoates as donors. <i>Chemical Communications</i> , 2018, 54, 8626-8629.	4.1	19
8	Au-Catalysed oxidative cyclisation. <i>Chemical Society Reviews</i> , 2016, 45, 4448-4458.	38.1	329
9	Intramolecular Insertions into Unactivated $C(sp^3)$ -H Bonds by Oxidatively Generated β -Diketone- α -Gold Carbenes: Synthesis of Cyclopentanones. <i>Journal of the American Chemical Society</i> , 2015, 137, 5316-5319.	13.7	122
10	Enantioselective Oxidative Gold Catalysis Enabled by a Designed Chiral P,N-Bidentate Ligand. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1245-1249.	13.8	123
11	C-H insertions in oxidative gold catalysis: synthesis of polycyclic 2H-pyran-3(6H)-ones via a relay strategy. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1556-1560.	4.5	61
12	Synthesis-Enabled Probing of Mitosene Structural Space Leads to Improved IC ₅₀ over Mitomycin...C. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9302-9305.	13.8	14
13	One-Pot Synthesis of Fused Pyrroles through a Key Gold-Catalysis-Triggered Cascade. <i>Chemistry - A European Journal</i> , 2014, 20, 2445-2448.	3.3	17
14	Ruthenium-Catalyzed Oxidative Transformations of Terminal Alkynes to Ketenes By Using Tethered Sulfoxides: Access to β -Lactams and Cyclobutanones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9572-9576.	13.8	37
15	Synthesis of Pinacol Arylboronates from Aromatic Amines: A Metal-Free Transformation. <i>Journal of Organic Chemistry</i> , 2013, 78, 1923-1933.	3.2	128
16	Increments for 1H and ^{13}C NMR chemical shifts in pinacol arylboronates. <i>Canadian Journal of Chemistry</i> , 2012, 90, 71-74.	1.1	1
17	Gold(III)-Catalyzed Direct Acetoxylation of Arenes with Iodobenzene Diacetate. <i>Organic Letters</i> , 2011, 13, 4988-4991.	4.6	42
18	New Developments in Aromatic Halogenation, Borylation, and Cyanation. <i>Chimia</i> , 2011, 65, 909.	0.6	4

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19	Gold(III)-Catalyzed Halogenation of Aromatic Boronates with <i>N</i> -Halosuccinimides. Organic Letters, 2010, 12, 5474-5477.	4.6	94