

Xinpeng Cheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

331
citations

8
h-index

15
g-index

15
ext. papers

494
ext. citations

15.4
avg, IF

4.14
L-index

#	Paper	IF	Citations
15	Chiral Bifunctional Phosphine Ligand Enables Gold-Catalyzed Asymmetric Isomerization and Cyclization of Propargyl Sulfonamide into Chiral 3-Pyrroline. <i>Organic Letters</i> , 2021 , 23, 8194-8198	6.2	0
14	Designed Bifunctional Ligands in Cooperative Homogeneous Gold Catalysis. <i>CCS Chemistry</i> , 2021 , 3, 1989-2002		9
13	Homogeneous Gold-Catalyzed Oxidation Reactions. <i>Chemical Reviews</i> , 2021 , 121, 8979-9038	68.1	44
12	Gold-catalysed asymmetric net addition of unactivated propargylic C-H bonds to tethered aldehydes. <i>Nature Catalysis</i> , 2021 , 4, 164-171	36.5	7
11	Chiral Bifunctional Phosphine Ligand-Enabled Cooperative Cu Catalysis: Formation of Chiral β -Butenolides via Highly Enantioselective β -Protonation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10876-10881	16.4	3
10	A Bifunctional Ligand Enables Gold-Catalyzed Hydroarylation of Terminal Alkynes under Soft Reaction Conditions. <i>Organic Letters</i> , 2020 , 22, 6045-6049	6.2	10
9	Wolff Rearrangement of Oxidatively Generated β Oxo Gold Carbenes: An Effective Approach to Silylketenes. <i>Angewandte Chemie</i> , 2019 , 131, 5295-5299	3.6	6
8	Gold-Catalyzed Rearrangement of Propargyl Alcohols Using Coupling Constants To Determine Isomeric Ratios. <i>Journal of Chemical Education</i> , 2019 , 96, 2348-2351	2.4	1
7	Total Synthesis and Structure Revision of Diplobifuranylone B. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11054-11060	4.2	13
6	Wolff Rearrangement of Oxidatively Generated β Oxo Gold Carbenes: An Effective Approach to Silylketenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5241-5245	16.4	31
5	Chiral Bifunctional Phosphine Ligand Enabling Gold-Catalyzed Asymmetric Isomerization of Alkyne to Allene and Asymmetric Synthesis of 2,5-Dihydrofuran. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3787-3791	16.4	46
4	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. <i>Angewandte Chemie</i> , 2018 , 130, 8382-8386	3.6	7
3	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8250-8254	16.4	25
2	Highly Enantioselective Cobalt-Catalyzed Hydrosilylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9439-9442	16.4	129
1	An Au/Zn-catalyzed Synthesis of N-Protected Indole via Annulation of N-Arylhydroxamic Acid and Alkyne	15-28	