Xinpeng Cheng

List of Publications by Citations

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	Highly Enantioselective Cobalt-Catalyzed Hydrosilylation of Alkenes. *Journal of the American Chemical Society*, **2017**, 139, 9439-9442	16.4	129
14	Chiral Bifunctional Phosphine Ligand Enabling Gold-Catalyzed Asymmetric Isomerization of Alkyne to Allene and Asymmetric Synthesis of 2,5-Dihydrofuran. *Journal of the American Chemical Society*, **2019**, 141, 3787-3791	16.4	46
13	Homogeneous Gold-Catalyzed Oxidation Reactions. *Chemical Reviews*, **2021**, 121, 8979-9038	68.1	44
12	Wolff Rearrangement of Oxidatively Generated α-Oxo Gold Carbenes: An Effective Approach to Silylketenes. *Angewandte Chemie - International Edition*, **2019**, 58, 5241-5245	16.4	31
11	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. *Angewandte Chemie - International Edition*, **2018**, 57, 8250-8254	16.4	25
10	Total Synthesis and Structure Revision of Diplobifuranylone B. *Journal of Organic Chemistry*, **2019**, 84, 11054-11060	4.2	13
9	A Bifunctional Ligand Enables Gold-Catalyzed Hydroarylation of Terminal Alkynes under Soft Reaction Conditions. *Organic Letters*, **2020**, 22, 6045-6049	6.2	10
8	Designed Bifunctional Ligands in Cooperative Homogeneous Gold Catalysis. *CCS Chemistry*, **2021**, 3, 1989-2002	7.2	9
7	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. *Angewandte Chemie*, **2018**, 130, 8382-8386	3.6	7
6	Gold-catalysed asymmetric net addition of unactivated propargylic C-H bonds to tethered aldehydes. *Nature Catalysis*, **2021**, 4, 164-171	36.5	7
5	Wolff Rearrangement of Oxidatively Generated α-Oxo Gold Carbenes: An Effective Approach to Silylketenes. *Angewandte Chemie*, **2019**, 131, 5295-5299	3.6	6
4	Chiral Bifunctional Phosphine Ligand-Enabled Cooperative Cu Catalysis: Formation of Chiral β,γ-Butenolides via Highly Enantioselective α-Protonation. *Journal of the American Chemical Society*, **2021**, 143, 10876-10881	16.4	3
3	Gold-Catalyzed Rearrangement of Propargyl Alcohols Using Coupling Constants To Determine Isomeric Ratios. *Journal of Chemical Education*, **2019**, 96, 2348-2351	2.4	1
2	Chiral Bifunctional Phosphine Ligand Enables Gold-Catalyzed Asymmetric Isomerization and Cyclization of Propargyl Sulfonamide into Chiral 3-Pyrroline. *Organic Letters*, **2021**, 23, 8194-8198	6.2	0
1	An Au/Zn-catalyzed Synthesis of N-Protected Indole via Annulation of N-Arylhydroxamic Acid and Alkyne	15-28	