

Wen Zhang

List of Publications by Year in descending order

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14
papers

1,617
citations

686830

13
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. <i>Science</i> , 2016, 353, 1014-1018.	6.0	496
2	Site-specific allylic C-H bond functionalization with a copper-bound N-centred radical. <i>Nature</i> , 2019, 574, 516-521.	13.7	188
3	Electroreductive Carbofunctionalization of Alkenes with Alkyl Bromides via a Radical-Polar Crossover Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 20661-20670.	6.6	141
4	Electrochemically driven cross-electrophile coupling of alkyl halides. <i>Nature</i> , 2022, 604, 292-297.	13.7	139
5	Electrochemistry Broadens the Scope of Flavin Photocatalysis: Photoelectrocatalytic Oxidation of Unactivated Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 409-417.	7.2	135
6	Copper-Catalyzed Arylation of Benzylic C-H bonds with Alkylarenes as the Limiting Reagents. <i>Journal of the American Chemical Society</i> , 2017, 139, 7709-7712.	6.6	134
7	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6425-6429.	7.2	92
8	Enantioselective Palladium(II)-Catalyzed Intramolecular Aminoarylation of Alkenes by Dual N-H and Aryl C-H Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5336-5340.	7.2	76
9	Reduction of activated carbonyl groups by alkyl phosphines: formation of α -hydroxy esters and ketones. <i>Chemical Communications</i> , 2006, , 1218.	2.2	56
10	DBU catalyzed cyanoacylation of ketones with acyl cyanides. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1671.	1.5	47
11	Electrochemistry Broadens the Scope of Flavin Photocatalysis: Photoelectrocatalytic Oxidation of Unactivated Alcohols. <i>Angewandte Chemie</i> , 2020, 132, 417-425.	1.6	45
12	Asymmetric 1,4-Addition of Diethylzinc to Cyclic Enones Catalyzed by Cu(I)-Chiral Sulfonamide-Thiophosphoramidate Ligands and Lithium Salts. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 535-540.	2.1	35
13	Enantioselective Palladium(II)-Catalyzed Intramolecular Aminoarylation of Alkenes by Dual N-H and Aryl C-H Bond Cleavage. <i>Angewandte Chemie</i> , 2017, 129, 5420-5424.	1.6	20
14	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. <i>Angewandte Chemie</i> , 2019, 131, 6491-6495.	1.6	13