

Yumeng Xi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,209
citations

394286

19
h-index

610775

24
g-index

34
all docs

34
docs citations

34
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic applications of photoredox catalysis with visible light. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2387.	1.5	607
2	Chemoselective Carbophilic Addition of α -Diazoesters through Ligand-Controlled Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9817-9821.	7.2	252
3	Gold-Catalyzed Oxidative Cross-Coupling of Terminal Alkynes: Selective Synthesis of Unsymmetrical 1,3-Diynes. <i>Journal of the American Chemical Society</i> , 2014, 136, 13174-13177.	6.6	166
4	Diverse Asymmetric Hydrofunctionalization of Aliphatic Internal Alkenes through Catalytic Regioselective Hydroboration. <i>Journal of the American Chemical Society</i> , 2016, 138, 6703-6706.	6.6	141
5	Ligand-Assisted Gold-Catalyzed Cross-Coupling with Aryldiazonium Salts: Redox Gold Catalysis without an External Oxidant. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8772-8776.	7.2	133
6	Gold-Catalyzed Intermolecular C-S Bond Formation: Efficient Synthesis of α -Substituted Vinyl Sulfones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4657-4661.	7.2	124
7	Regioselective, Asymmetric Formal Hydroamination of Unactivated Internal Alkenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 776-780.	7.2	122
8	Mechanistic Studies of Copper-Catalyzed Asymmetric Hydroboration of Alkenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 12758-12772.	6.6	113
9	Application of Trimethylgermyl-Substituted Bisphosphine Ligands with Enhanced Dispersion Interactions to Copper-Catalyzed Hydroboration of Disubstituted Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18213-18222.	6.6	73
10	Synergistic Au/Ga Catalysis in Ambient Nakamura Reaction. <i>Organic Letters</i> , 2014, 16, 306-309.	2.4	67
11	Catalytic asymmetric addition of an amine N-H bond across internal alkenes. <i>Nature</i> , 2020, 588, 254-260.	13.7	64
12	Cinchonine and thiourea. <i>Chemical Communications</i> , 2013, 49, 8583.	2.2	49
13	Quantitative kinetic investigation of triazole-gold(i) complex catalyzed [3,3]-rearrangement of propargyl ester. <i>Chemical Communications</i> , 2014, 50, 2158-2160.	2.2	30
14	Asymmetric Total Synthesis and Structural Elucidation of NFAT-68. <i>Organic Letters</i> , 2011, 13, 74-77.	2.4	24
15	Asymmetric Total Syntheses of Ansamacrolactams (+)-Q-1047H-A-A and (+)-Q-1047H-R-A. <i>Organic Letters</i> , 2013, 15, 812-815.	2.4	21
16	Enantioselective hydroamination of unactivated terminal alkenes. <i>Chem</i> , 2022, 8, 532-542.	5.8	20
17	Ambient gold-catalyzed <i>o</i> -vinylation of cyclic 1,3-diketone: A vinyl ether synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2537-2543.	1.3	12
18	Asymmetric total synthesis of (α)-cebulactam A1. <i>Organic Chemistry Frontiers</i> , 2014, 1, 91.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Gold/gallium-catalyzed annulation of 1,3-dicarbonyl compounds and cyclopropylacetylenes for synthesis of substituted cyclopentenes. RSC Advances, 2016, 6, 17386-17389.	1.7	10
20	Mechanistic Study of SmI ₂ -Mediated Reformatsky Reaction for Macrolactam Formation Using a Cyclopropyl Group as a Probe. Israel Journal of Chemistry, 2017, 57, 331-334.	1.0	1