

Youliang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,195
citations

623734

14
h-index

642732

23
g-index

32
all docs

32
docs citations

32
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Au-Catalysed oxidative cyclisation. <i>Chemical Society Reviews</i> , 2016, 45, 4448-4458.	38.1	329
2	[3,3]-Sigmatropic Rearrangement versus Carbene Formation in Gold-Catalyzed Transformations of Alkynyl Aryl Sulfoxides: Mechanistic Studies and Expanded Reaction Scope. <i>Journal of the American Chemical Society</i> , 2013, 135, 8512-8524.	13.7	132
3	Intramolecular Insertions into Unactivated C(sp ³)-H Bonds by Oxidatively Generated β^2 -Diketone- λ^2 -Gold Carbenes: Synthesis of Cyclopentanones. <i>Journal of the American Chemical Society</i> , 2015, 137, 5316-5319.	13.7	122
4	Recent Developments in the Chemistry of Heteroaromatic N-Oxides. <i>Synthesis</i> , 2015, 47, 289-305.	2.3	99
5	Gold-Catalyzed Cyclizations of <i>cis</i> -Ene-diyne: Insights into the Nature of Gold-Aryne Interactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7795-7799.	13.8	92
6	Use of λ^2 -trifluoromethyl carbanions for palladium-catalysed asymmetric cycloadditions. <i>Nature Chemistry</i> , 2020, 12, 294-301.	13.6	56
7	A C-H Insertion Approach to Functionalized Cyclopentenones. <i>Journal of the American Chemical Society</i> , 2016, 138, 7516-7519.	13.7	55
8	A Deprotonation Approach to the Unprecedented Amino-Trimethylenemethane Chemistry: Regio-, Diastereo-, and Enantioselective Synthesis of Complex Amino Cycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11025-11029.	13.8	39
9	Ruthenium-Catalyzed Oxidative Transformations of Terminal Alkynes to Ketenes By Using Tethered Sulfoxides: Access to β^2 -Lactams and Cyclobutanones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9572-9576.	13.8	37
10	Palladium-Catalyzed Regio-, Enantio-, and Diastereoselective Asymmetric [3 + 2] Cycloaddition Reactions: Synthesis of Chiral Cyclopentyl Phosphonates. <i>ACS Catalysis</i> , 2020, 10, 1969-1975.	11.2	33
11	Pd(0)-Catalyzed Chemo-, Diastereo-, and Enantioselective λ^2 -Quaternary Alkylation of Branched Aldehydes. <i>ACS Catalysis</i> , 2020, 10, 9496-9503.	11.2	26
12	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
13	Total synthesis of bryostatin 3. <i>Science</i> , 2020, 368, 1007-1011.	12.6	24
14	Pd(0)-Catalyzed Diastereo- and Enantioselective Intermolecular Cycloaddition for Rapid Assembly of 2-Acyl-methylenecyclopentanes. <i>Organic Letters</i> , 2021, 23, 979-983.	4.6	13
15	Direct Conversion of Internal Alkynes into λ^2 -Iodoenones: One-Step Collaborative Iodination and Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1417-1420.	4.3	12
16	A Deprotonation Approach to the Unprecedented Amino-Trimethylenemethane Chemistry: Regio-, Diastereo-, and Enantioselective Synthesis of Complex Amino Cycles. <i>Angewandte Chemie</i> , 2018, 130, 11191-11195.	2.0	12
17	Ruthenium-catalyzed rearrangement of propargyl sulfoxides: formation of λ^2 , β^2 -unsaturated thioesters. <i>Tetrahedron Letters</i> , 2015, 56, 3144-3146.	1.4	11
18	Non-Diazo C-H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 17551-17555.	2.0	7

#	ARTICLE	IF	CITATIONS
19	General, Straightforward, and Atom-Economical Synthesis of Vinyl Triflimides. <i>Chemistry - A European Journal</i> , 2021, 27, 12272-12275.	3.3	6
20	Copper-Catalyzed Chemo-, Regio-, and Stereoselective Multicomponent 1,2,3-Trifunctionalization of Internal Alkynes. <i>Organic Letters</i> , 2022, 24, 1871-1875.	4.6	6
21	Exploring the chemistry of E/Z configuration in gold-catalyzed domino cyclization: Insights on the stereoselectivity. <i>Molecular Catalysis</i> , 2022, 519, 112154.	2.0	1
22	A DFT study on gold-catalyzed domino cyclization for post-Ugi synthesis of spiroindolines: insights on the origin of remarkable diastereoselectivity. <i>Catalysis Science and Technology</i> , 2022, 12, 1678-1684.	4.1	0