

Weiwei Luo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3335491/publications.pdf>

Version: 2024-02-01

22
papers

707
citations

516710

16
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

729
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Construction of Vicinal Tetrasubstituted Stereocenters by the Mannich Reaction of Silyl Ketene Imines with Isatin-Derived Ketimines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 241-244.	13.8	122
2	Asymmetric Synthesis of α -Amino Nitriles through a Sc ^{III} -Catalyzed Three-Component Mannich Reaction of Silyl Ketene Imines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3473-3477.	13.8	79
3	An asymmetric [3+2] cycloaddition of alkynes with oxiranes by selective C-C bond cleavage of epoxides: highly efficient synthesis of chiral furan derivatives. <i>Chemical Communications</i> , 2014, 50, 11480-11483.	4.1	47
4	Catalytic Asymmetric Intra- and Intermolecular Haloetherification of Enones: An Efficient Approach to (α)-Centrolbine. <i>ACS Catalysis</i> , 2016, 6, 7778-7783.	11.2	44
5	Asymmetric Ring-Opening of Donor-Acceptor Cyclopropanes with Primary Arylamines Catalyzed by a Chiral Heterobimetallic Catalyst. <i>ACS Catalysis</i> , 2019, 9, 8285-8293.	11.2	40
6	α -Dioxido-Scandium(III)-Catalyzed Asymmetric Aza-Friedel-Crafts Reaction of Sesamol with Aldimines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10662-10668.	3.2	39
7	A catalytic asymmetric carbonyl-ene reaction of α,β -unsaturated α -ketoesters with 5-methyleneoxazolines. <i>Chemical Communications</i> , 2015, 51, 10042-10045.	4.1	34
8	Catalytic hetero-ene reactions of 5-methyleneoxazolines: highly enantioselective synthesis of 2,5-disubstituted oxazole derivatives. <i>Chemical Communications</i> , 2014, 50, 7524.	4.1	27
9	A N, α -dioxido/Mg(OTf) ₂ complex catalyzed enantioselective α -addition of isocyanides to allylidene malonates. <i>Chemical Science</i> , 2016, 7, 4736-4740.	7.4	24
10	Chiral α -Dioxido-Organocatalyzed Regio-, Diastereo- and Enantioselective Michael Addition-Alkylation Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 15650-15653.	3.3	22
11	Improved ethyl caproate production of Chinese liquor yeast by overexpressing fatty acid synthesis genes with <i>OPI1</i> deletion. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1261-1270.	3.0	19
12	Formal oxo- and aza-[3 + 2] reactions of α -enaminones and quinones: a double divergent process and the roles of chiral phosphoric acid and molecular sieves. <i>Chemical Science</i> , 2020, 11, 9386-9394.	7.4	19
13	In-Plane Electrical Connectivity and Near-Field Concentration of Isolated Graphene Resonators Realized by Ion Beams. <i>Advanced Materials</i> , 2017, 29, 1701083.	21.0	18
14	Construction of Distant Stereocenters by Enantioselective Desymmetrizing Carbonyl-Ene Reaction. <i>Organic Letters</i> , 2017, 19, 3374-3377.	4.6	18
15	Asymmetric Organocatalytic Michael/Michael/Henry Sequence to Construct Cyclohexanes with Six Vicinal Stereogenic Centers. <i>Synlett</i> , 2017, 28, 966-969.	1.8	16
16	A chiral cobalt(II) complex catalyzed asymmetric formal [3+2] cycloaddition for the synthesis of 1,2,4-triazolines. <i>Chemical Communications</i> , 2017, 53, 4077-4079.	4.1	16
17	Sc(OTf) ₃ -Catalyzed Formal [3 + 3] Cycloaddition Reaction of Diaziridines and Quinones for the Synthesis of Benzo[1,3,4]oxadiazines. <i>Organic Letters</i> , 2021, 23, 3136-3140.	4.6	13
18	Decreased proteinase A excretion by strengthening its vacuolar sorting and weakening its constitutive secretion in <i>Saccharomyces cerevisiae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 149-159.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Nanoinfrared Characterization of Bilayer Graphene Conductivity under Dual-Gate Tuning. Nano Letters, 2021, 21, 5151-5157.	9.1	8
20	Strong in-plane scattering of acoustic graphene plasmons by surface atomic steps. Nature Communications, 2022, 13, 983.	12.8	6
21	Linewidth narrowing of aluminum breathing plasmon resonances in Bragg grating decorated nanodisks. Nanoscale Advances, 2021, 3, 4286-4291.	4.6	2
22	Nonlocal Immunized Mid-Infrared Magnetic Hot Spots in Graphene Junctions. Plasmonics, 2016, 11, 1481-1486.	3.4	1