Weiwei Luo

List of Publications by Year
in descending order

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Version: 2024-02-01

22	707	516710	610901
papers	citations	16	24
		h-index	g-index

31	31	31	729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strong in-plane scattering of acoustic graphene plasmons by surface atomic steps. Nature Communications, 2022, 13, 983.	12.8	6
2	Sc(OTf)‹sub›3‹/sub›-Catalyzed Formal [3 + 3] Cycloaddition Reaction of Diaziridines and Quinones for the Synthesis of Benzo[‹i›e‹/i›][1,3,4]oxadiazines. Organic Letters, 2021, 23, 3136-3140.	4.6	13
3	Nanoinfrared Characterization of Bilayer Graphene Conductivity under Dual-Gate Tuning. Nano Letters, 2021, 21, 5151-5157.	9.1	8
4	Linewidth narrowing of aluminum breathing plasmon resonances in Bragg grating decorated nanodisks. Nanoscale Advances, 2021, 3, 4286-4291.	4.6	2
5	Formal oxo- and aza-[3 + 2] reactions of Î±-enaminones and quinones: a double divergent process and the roles of chiral phosphoric acid and molecular sieves. Chemical Science, 2020, 11, 9386-9394.	7.4	19
6	Asymmetric Ring-Opening of Donorâ€“Acceptor Cyclopropanes with Primary Arylamines Catalyzed by a Chiral Heterobimetallic Catalyst. ACS Catalysis, 2019, 9, 8285-8293.	11.2	40
7	Asymmetric Organocatalytic Michael/Michael/Henry Sequence to Construct Cyclohexanes with Six Vicinal Stereogenic Centers. Synlett, 2017, 28, 966-969.	1.8	16
8	Inâ€Plane Electrical Connectivity and Nearâ€Field Concentration of Isolated Graphene Resonators Realized by Ion Beams. Advanced Materials, 2017, 29, 1701083.	21.0	18
9	Construction of Distant Stereocenters by Enantioselective Desymmetrizing Carbonylâ€“Ene Reaction. Organic Letters, 2017, 19, 3374-3377.	4.6	18
10	A chiral cobalt(ii) complex catalyzed asymmetric formal [3+2] cycloaddition for the synthesis of 1,2,4-triazolines. Chemical Communications, 2017, 53, 4077-4079.	4.1	16
11	Decreased proteinase A excretion by strengthening its vacuolar sorting and weakening its constitutive secretion in ‹i›Saccharomyces cerevisiae‹/i›. Journal of Industrial Microbiology and Biotechnology, 2017, 44, 149-159.	3.0	11
12	A N,Nâ€²-dioxide/Mg(OTf)‹sub›2‹/sub› complex catalyzed enantioselective Î±-addition of isocyanides to alkylidene malonates. Chemical Science, 2016, 7, 4736-4740.	7.4	24
13	Chiral ‹i›N‹/i›,‹i›N‹/i›â€²â€²Dioxideâ€Organocatalyzed Regioâ€, Diastereoâ€•and Enantioselective Michael Additionâ€“Alkylation Reaction. Chemistry - A European Journal, 2016, 22, 15650-15653.	3.3	22
14	Catalytic Asymmetric Intra- and Intermolecular Haloetherification of Enones: An Efficient Approach to (â^')-Centrolobine. ACS Catalysis, 2016, 6, 7778-7783.	11.2	44
15	Improved ethyl caproate production of Chinese liquor yeast by overexpressing fatty acid synthesis genes with ‹i›OPI1‹/i› deletion. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1261-1270.	3.0	19
16	Nonlocal Immunized Mid-Infrared Magnetic Hot Spots in Graphene Junctions. Plasmonics, 2016, 11, 1481-1486.	3.4	1
17	A catalytic asymmetric carbonylâ€“ene reaction of Î²,Î³-unsaturated Î±-ketoesters with 5-methyleneoxazolines. Chemical Communications, 2015, 51, 10042-10045.	4.1	34
18	Enantioselective Construction of Vicinal Tetrasubstituted Stereocenters by the Mannich Reaction of Silyl Ketene Imines with Isatinâ€Derived Ketimines. Angewandte Chemie - International Edition, 2015, 54, 241-244.	13.8	122

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19	N,Nâ€²-Dioxideâ€“Scandium(III)-Catalyzed Asymmetric Aza-Friedelâ€“Crafts Reaction of Sesamol with Aldimines. Journal of Organic Chemistry, 2014, 79, 10662-10668.	3.2	39
20	Catalytic hetero-ene reactions of 5-methyleneoxazolines: highly enantioselective synthesis of 2,5-disubstituted oxazole derivatives. Chemical Communications, 2014, 50, 7524.	4.1	27
21	An asymmetric [3+2] cycloaddition of alkynes with oxiranes by selective Câ€“C bond cleavage of epoxides: highly efficient synthesis of chiral furan derivatives. Chemical Communications, 2014, 50, 11480-11483.	4.1	47
22	Asymmetric Synthesis of Î²â€Amino Nitriles through a Sc^{III}â€Catalyzed Threeâ€Component Mannich Reaction of Silyl Ketene Imines. Angewandte Chemie - International Edition, 2013, 52, 3473-3477.	13.8	79