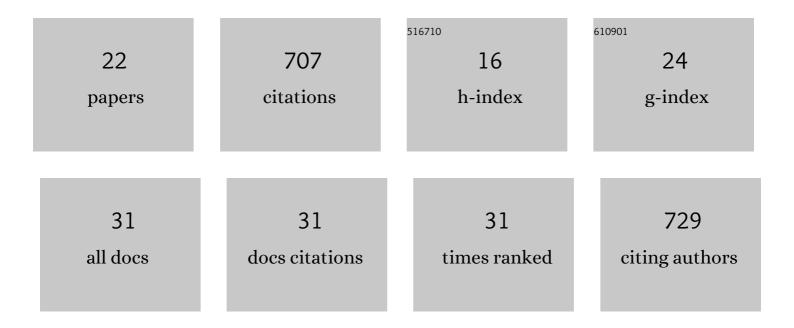
Weiwei Luo

List of Publications by Year in descending order

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WEIWEILUO

#	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) ₃ -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 α-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 Donor–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 Carbonyl–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,N′-dioxide/Mg(OTf) ₂ complex catalyzed enantioselective α-addition of isocyanides to alkylidene malonates. Chemical Science, 2016, 7, 4736-4740.	7.4	24
13	Chiral <i>N</i> , <i>N</i> ′â€Dioxideâ€Organocatalyzed Regioâ€, Diastereo―and Enantioselective Michael Addition–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 carbonyl–ene reaction of β,γ-unsaturated α-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€Đerived Ketimines. Angewandte Chemie - International Edition, 2015, 54, 241-244.	13.8	122

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#	Article	IF	CITATIONS
19	<i>N</i> , <i>N</i> ′-Dioxide–Scandium(III)-Catalyzed Asymmetric Aza-Friedel–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 C–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 βâ€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