

Jia-Lei Yan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

361
citations

933447

10
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis and Stereochemical Reassignment of Mandelalideâ€¦A. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6533-6537.	13.8	76
2	Carbene-Catalyzed Alkylation of Carboxylic Esters via Direct Photoexcitation of Acyl Azolium Intermediates. <i>ACS Catalysis</i> , 2021, 11, 2925-2934.	11.2	73
3	Carbene-catalyzed atroposelective synthesis of axially chiral styrenes. <i>Nature Communications</i> , 2022, 13, 84.	12.8	46
4	Carbeneâ€Catalyzed Enantioselective Hydrophosphination of Î±â€Bromoaldehydes to Prepare Phosphineâ€Containing Chiral Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26616-26621.	13.8	36
5	Direct Oxidation of Aliphatic Câ€H Bonds in Amino-Containing Molecules under Transition-Metal-Free Conditions. <i>Organic Letters</i> , 2016, 18, 1234-1237.	4.6	34
6	Total Synthesis of Hoiamide A Using an Evansâ€Tishchenko Reaction as a Key Step. <i>Organic Letters</i> , 2019, 21, 5471-5474.	4.6	19
7	Carbene-catalyzed selective addition of isothioureas to enals for access to sulphur-containing 5,6-dihydropyrimidin-4-ones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 743-747.	4.5	15
8	Carbene-catalyzed enantioselective annulation of dinucleophilic hydrazones and bromoaldehydes for access to aryl-dihydropyridazinones and related drugs. <i>Chemical Science</i> , 2021, 12, 8778-8783.	7.4	14
9	Total Synthesis of Asperphenins A and B. <i>Organic Letters</i> , 2018, 20, 6170-6173.	4.6	13
10	Discovery of Amantamide, a Selective CXCR7 Agonist from Marine Cyanobacteria. <i>Organic Letters</i> , 2019, 21, 1622-1626.	4.6	13
11	Assembly of multicyclic isoquinoline scaffolds from pyridines: formal total synthesis of fredericamycin A. <i>Chemical Science</i> , 2021, 12, 10259-10265.	7.4	5
12	Carbeneâ€Catalyzed Enantioselective Hydrophosphination of Î±â€Bromoaldehydes to Prepare Phosphineâ€Containing Chiral Molecules. <i>Angewandte Chemie</i> , 0, , .	2.0	5