Xue Zhang

List of Publications by Year
in descending order

25	903	567281 15	580821 25
papers	citations	h-index	g-index

32	32	32	956
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rhodium-catalyzed Câ€“H functionalization-based approach to eight-membered lactams. Chemical Science, 2015, 6, 2275-2285.	7.4	126
2	Experimental and Theoretical Studies on the Hydrogen-Bond-Promoted Enantioselective Hetero-Dielsâ˜Alder Reaction of Danishefsky's Diene with Benzaldehyde. Journal of Organic Chemistry, 2006, 71, 2862-2869.	3.2	96
3	Bulky Achiral Triarylphosphines Mimic BINAP in Ru(II)- Catalyzed Asymmetric Hydrogenation of Ketones. Advanced Synthesis and Catalysis, 2005, 347, 1193-1197.	4.3	70
4	Amideâ€Controlled Highly Selective Catalytic Borylcupration of Allenes. Chemistry - A European Journal, 2013, 19, 7193-7202.	3.3	68
5	BINOLateâ€“Magnesium Catalysts for Enantioselective Heteroâ€Dielsâ€“Alder Reaction of Danishefsky's Diene with Aldehydes. European Journal of Organic Chemistry, 2008, 2008, 2248-2254.	2.4	65
6	Oneâ€Pot Approach to Installing Eightâ€Membered Rings onto Indoles. Angewandte Chemie - International Edition, 2012, 51, 7817-7820.	13.8	58
7	Studies on [PtCl₂]â€or [AuCl]â€Catalyzed Cyclization of 1â€(Indolâ€2â€yl)â€2,3â€Allenols: The Effects of Water/Steric Hindrance and 1,2â€Migration Selectivity. Chemistry - A European Journal, 2014, 20, 10314-10322.	3.3	42
8	Exclusive 1,2â€Aryl Shift in Platinum(II) Chlorideâ€Catalyzed Cyclization of 1â€(Indolâ€2â€yl)â€2,3â€allenols. Advanced Synthesis and Catalysis, 2012, 354, 2339-2347.	4.3	36
9	Pyrinap ligands for enantioselective syntheses of amines. Nature Communications, 2021, 12, 19.	12.8	33
10	PtCl₄-catalyzed skeleton rearrangementâ€“cyclization of tertiary indolyl-3-alkynols. Chemical Communications, 2017, 53, 4722-4725.	4.1	27
11	Stereodefined rhodium-catalysed 1,4-H/D delivery for modular syntheses and deuterium integration. Nature Catalysis, 2021, 4, 586-594.	34.4	25
12	Catalytic enantioselective alleneâ€“anhydride approach to Î²,Î³-unsaturated enones bearing an Î±-all-carbon-quarternary center. Chemical Science, 2020, 11, 9115-9121.	7.4	21
13	DFT study on the E-stereoselective reductive A3-coupling reaction of terminal alkynes with aldehydes and 3-pyrroline. Organic Chemistry Frontiers, 2020, 7, 2047-2054.	4.5	16
14	Stretchable chiral pockets for palladium-catalyzed highly chemo- and enantioselective allenylation. Nature Communications, 2021, 12, 2416.	12.8	14
15	Transition Metalâ€Catalyzed Benzannulation towards Naturally Occurring Carbazole Alkaloids. Israel Journal of Chemistry, 2018, 58, 608-621.	2.3	13
16	Stereoselective rhodium-catalyzed 2-Câ€“H 1,3-dienylation of indoles: dual functions of the directing group. Chemical Science, 2021, 12, 11330-11337.	7.4	13
17	A Computational Study of Allene Synthesis via the ZnI₂â€Promoted Alleylation of Terminal Alkynes (ATA Reaction). Asian Journal of Organic Chemistry, 2014, 3, 309-313.	2.7	11
18	Enantioselective Allenation of Terminal Alkynes Catalyzed by Copper Halides of Mixed Oxidation States and Its Application to the Total Synthesis of Scorodonin. Angewandte Chemie - International Edition, 2022, 61, .	13.8	11

#	Article	IF	Citations
19	Photo and copper dual catalysis for allene syntheses from propargylic derivatives via one-electron process. Nature Communications, 2022, 13, .	12.8	11
20	Room Temperature Allenation of Terminal Alkynes with Aldehydes. Angewandte Chemie - International Edition, 2021, 60, 25708-25713.	13.8	10
21	Theoretical Studies of Allene Synthesis through Cadmium Iodideâ€Mediated Allenylation of Terminal Alkynes. Asian Journal of Organic Chemistry, 2017, 6, 1778-1782.	2.7	8
22	Improving performance of molecularly imprinted polymers prepared with template of low purity utilizing the strategy of macromolecular crowding. Journal of Chromatography A, 2020, 1624, 461155.	3.7	6
23	Room Temperature Allenation of Terminal Alkynes with Aldehydes. Angewandte Chemie, 0, , .	2.0	2
24	EATA Reaction Catalyzed by Copper Halides of Mixed Oxidation States and Its Application to Total Synthesis of Scorodonin. Angewandte Chemie, 0, , .	2.0	0
25	Preparation of Arctiin Molecular Imprinted Polymers with 4-vinylpyridine and Allyl-Î²-cyclodextrin as Binary Monomers under Molecular Crowding Conditions. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1193, 123172.	2.3	0