

Guozhu Zhang

List of Publications by Citations

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41
papers

804
citations

17
h-index

27
g-index

47
ext. papers

1,077
ext. citations

7.3
avg, IF

5.24
L-index

#	Paper	IF	Citations
41	Recent advances on catalytic asymmetric difunctionalization of 1,3-dienes. <i>Tetrahedron Letters</i> , 2018 , 59, 347-355	2	91
40	Enantioselective 1,2-Difunctionalization of 1,3-Butadiene by Sequential Alkylation and Carbonyl Allylation. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2735-2738	16.4	84
39	Copper-Catalyzed Synthesis of α -Azido Sulfonates or Fluorinated Alkanes: Divergent Reactivity of Sodium Sulfinates. <i>Organic Letters</i> , 2018 , 20, 6250-6254	6.2	44
38	Recent Advances in the Asymmetric Nozaki-Hiyama-Kishi Reaction. <i>Synthesis</i> , 2016 , 48, 4038-4049	2.9	41
37	Copper-Catalyzed Photoinduced Enantioselective Dual Carbofunctionalization of Alkenes. <i>Organic Letters</i> , 2020 , 22, 1490-1494	6.2	40
36	Enantioselective Synthesis of β -exo-Methylene β -Butyrolactones via Chromium Catalysis. <i>Organic Letters</i> , 2015 , 17, 5236-9	6.2	38
35	Expedient Synthesis of 1,5-Diketones by Rhodium-Catalyzed Hydroacylation Enabled by C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12891-12894	16.4	38
34	Copper-Catalyzed Intermolecular Carboamination of Alkenes Induced by Visible Light. <i>Organic Letters</i> , 2019 , 21, 1699-1703	6.2	37
33	Gold(I)-Catalyzed Tandem Transformation with Dienes: Rapid Access to Linear Cyclopentenone-Fused Polycyclic Molecules. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10903-10907	16.4	37
32	Chromium-Catalyzed Asymmetric Dearomatization Addition Reactions of Halomethyl Heteroarenes. <i>Organic Letters</i> , 2016 , 18, 1828-31	6.2	32
31	Enantioselective Synthesis of Quaternary Stereocenters via Chromium Catalysis. <i>Organic Letters</i> , 2016 , 18, 5094-5097	6.2	31
30	Silver-initiated radical ring expansion/fluorination of ethynyl cyclobutanols: efficient synthesis of monofluoroethenyl cyclopentanones. <i>Green Chemistry</i> , 2016 , 18, 6236-6240	10	29
29	Gold(I)-Catalyzed Tandem Transformation with Dienes: Rapid Access to Linear Cyclopentenone-Fused Polycyclic Molecules. <i>Angewandte Chemie</i> , 2015 , 127, 11053-11057	3.6	24
28	Total Synthesis of Aquatolide: Wolff Ring Contraction and Late-Stage Nozaki-Hiyama-Kishi Medium-Ring Formation. <i>Organic Letters</i> , 2016 , 18, 5388-5391	6.2	22
27	Rhodium(i)-catalyzed stereoselective [4+2] cycloaddition of oxetanols with alkynes through C(sp)-C(sp) bond cleavage. <i>Chemical Science</i> , 2017 , 8, 3002-3006	9.4	18
26	Copper-Catalyzed Enantioselective Sonogashira Type Coupling of Alkynes with β -Bromoamides. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13998-14002	16.4	18
25	Light-Promoted Copper-Catalyzed Enantioselective Alkylation of Azoles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2130-2134	16.4	18

24	Visible-Light-Induced Copper-Catalyzed Intermolecular Markovnikov Hydroamination of Alkenes. <i>Organic Letters</i> , 2019 , 21, 7873-7877	6.2	17
23	Copper-catalyzed enantioselective arylalkynylation of alkenes. <i>Chemical Science</i> , 2020 , 11, 1623-1628	9.4	16
22	Palladium-Catalyzed Formal [4+2] Cycloaddition of Benzoic and Acrylic Acids with 1,3-Dienes via C-H Bond Activation: Efficient Access to 3,4-Dihydroisocoumarin and 5,6-Dihydrocoumalins. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 708-711	4.9	16
21	Recent Advances in Intermolecular Hydroacylation of Alkenes with Aldehydes through Rhodium Catalysis. <i>Synlett</i> , 2018 , 29, 1801-1806	2.2	11
20	Chromium-Catalysed Asymmetric Dearomatization Addition Reactions of Bromomethylnaphthalenes. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1227-1231	5.6	10
19	Rhodium(i)-catalyzed asymmetric [4+2] cycloaddition reactions of 2-alkylenecyclobutanols with cyclic enones through C-C bond cleavage: efficient access to bicyclic compounds. <i>Chemical Science</i> , 2018 , 9, 1873-1877	9.4	9
18	Rhodium-Catalyzed Annulations of 1,3-Dienes and Salicylaldehydes/2-Hydroxybenzyl Alcohols Promoted by 2-Ethylacrolein. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4246-4251	5.6	9
17	Synthesis of 2-(2-Oxo-2-phenylethyl)cyclopentanone by Rhodium-Catalyzed Tandem Alkynyl Cyclobutanols Hydroacylation and Semipinacol Rearrangement. <i>Organic Letters</i> , 2019 , 21, 1263-1267	6.2	8
16	Asymmetric Alkyl and Aryl/Azolation of Alkenes via a Single Cu(I) Complex. <i>ACS Catalysis</i> , 2021 , 11, 5108-5118	5.1	8
15	Dual Gold-Catalyzed Three-Component Reaction: Efficient Synthesis of Indene-Fused Esters, Acids, and Lactones through Gold Vinylidene Intermediates. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1561-1565	3.2	7
14	Barbier-type anti-Diastereo- and Enantioselective Synthesis of β -Trimethylsilyl, Fluorinated Methyl, Phenylthio Homoallylic Alcohols. <i>Scientific Reports</i> , 2017 , 7, 4873	4.9	7
13	Copper-Catalyzed Enantioselective Sonogashira Type Coupling of Alkynes with β -Bromoamides. <i>Angewandte Chemie</i> , 2020 , 132, 14102-14106	3.6	5
12	Chromium-Catalyzed Asymmetric Dearomatization Addition Reactions of Halomethyloxazoles and Indoles. <i>Synthesis</i> , 2018 , 50, 4915-4921	2.9	5
11	Photo-induced copper-catalyzed alkynylation and amination of remote unactivated C(sp ³)-H bonds. <i>Chemical Science</i> , 2021 , 12, 4836-4840	9.4	5
10	Visible Light-Induced Copper-Catalyzed C-H Arylation of Benzoxazoles. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1299-1303	4.9	4
9	Enantioselective 1,2-Alkylhydroxymethylation of Alkynes via Chromium/Cobalt Cocatalysis. <i>Organic Letters</i> , 2020 , 22, 656-660	6.2	4
8	Rhodium(I)-Catalyzed [4 + 2] Cycloaddition Reactions of 2-Alkylencyclo-butanols with Alkynes and (E)-2-Nitroethenylbenzene through C(sp ²)-C(sp ³) Bond Cleavage. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 786-792	4.9	3
7	Photo-induced copper-catalyzed sequential 1,n-HAT enabling the formation of cyclobutanols. <i>Nature Communications</i> , 2021 , 12, 6404	17.4	3

- 6 Photoinduced Decarboxylative Amino-Fluoroalkylation of Maleic Anhydride. *Chemistry - A European Journal*, **2020**, 26, 419-422 4.8 2
- 5 Silver-catalyzed synthesis of α -fluorovinylphosphonates by phosphonofluorination of aromatic alkynes. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 3086-3092 2.5 2
- 4 Enantioselective Synthesis of cis-2,6-Disubstituted-4-methylene Tetrahydropyrans via Chromium Catalysis *Chinese Journal of Chemistry*, **2020**, 38, 1642-1646 4.9 1
- 3 Light-Promoted Copper-Catalyzed Enantioselective Alkylation of Azoles. *Angewandte Chemie*, **2021**, 133, 2158-2162 3.6 1
- 2 Copper-catalyzed radical cascade reaction of isocyanate and ethers. *Tetrahedron Letters*, **2019**, 60, 2084-2087 0
- 1 Azetidine synthesis enabled by photo-induced copper catalysis via [3+1] radical cascade cyclization.. *Innovation(China)*, **2022**, 3, 100244 17.8 0