

Guozhu Zhang

List of Publications by Year in descending order

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46
papers

1,335
citations

331259

21
h-index

360668

35
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all docs

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docs citations

47
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.6	131
2	Recent advances on catalytic asymmetric difunctionalization of 1,3-dienes. <i>Tetrahedron Letters</i> , 2018, 59, 347-355.	0.7	131
3	Recent Advances in the Asymmetric Nozaki-Hiyama-Kishi Reaction. <i>Synthesis</i> , 2016, 48, 4038-4049.	1.2	68
4	Copper-Catalyzed Synthesis of β -Azido Sulfonates or Fluorinated Alkanes: Divergent Reactivity of Sodium Sulfinates. <i>Organic Letters</i> , 2018, 20, 6250-6254.	2.4	68
5	Copper-Catalyzed Photoinduced Enantioselective Dual Carbofunctionalization of Alkenes. <i>Organic Letters</i> , 2020, 22, 1490-1494.	2.4	67
6	Copper-Catalyzed Intermolecular Carboamination of Alkenes Induced by Visible Light. <i>Organic Letters</i> , 2019, 21, 1699-1703.	2.4	65
7	Enantioselective Synthesis of β -exo-Methylene γ -Butyrolactones via Chromium Catalysis. <i>Organic Letters</i> , 2015, 17, 5236-5239.	2.4	53
8	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.	6.6	53
9	Copper-Catalyzed Enantioselective Sonogashira Type Coupling of Alkynes with β -Bromoamides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13998-14002.	7.2	51
10	Light-Promoted Copper-Catalyzed Enantioselective Alkylation of Azoles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2130-2134.	7.2	44
11	Enantioselective Synthesis of Quaternary Stereocenters via Chromium Catalysis. <i>Organic Letters</i> , 2016, 18, 5094-5097.	2.4	42
12	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.	7.2	41
13	Chromium-Catalyzed Asymmetric Dearomatization Addition Reactions of Halomethyl Heteroarenes. <i>Organic Letters</i> , 2016, 18, 1828-1831.	2.4	39
14	Silver-initiated radical ring expansion/fluorination of ethynyl cyclobutanols: efficient synthesis of monofluoroethenyl cyclopentanones. <i>Green Chemistry</i> , 2016, 18, 6236-6240.	4.6	38
15	Copper-catalyzed enantioselective aryalkynylation of alkenes. <i>Chemical Science</i> , 2020, 11, 1623-1628.	3.7	31
16	Total Synthesis of Aquatolide: Wolff Ring Contraction and Late-Stage Nozaki-Hiyama-Kishi Medium-Ring Formation. <i>Organic Letters</i> , 2016, 18, 5388-5391.	2.4	30
17	Photo-induced copper-catalyzed alkynylation and amination of remote unactivated C(sp ³)-H bonds. <i>Chemical Science</i> , 2021, 12, 4836-4840.	3.7	30
18	Photoinduced Copper-Catalyzed Asymmetric C(sp ³)-H Alkynylation of Cyclic Amines by Intramolecular 1,5-Hydrogen Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	30

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19	Visible-Light-Induced Copper-Catalyzed Intermolecular Markovnikov Hydroamination of Alkenes. <i>Organic Letters</i> , 2019, 21, 7873-7877.	2.4	29
20	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.	2.6	24
21	Rhodium-catalyzed stereoselective [4+2] cycloaddition of oxetanols with alkynes through C-C bond cleavage. <i>Chemical Science</i> , 2017, 8, 3002-3006.	3.7	22
22	Asymmetric Alkyl and Aryl/Azolation of Alkenes via a Single Cu(I) Complex. <i>ACS Catalysis</i> , 2021, 11, 5108-5118.	5.5	21
23	Recent Advances in Intermolecular Hydroacylation of Alkenes with Aldehydes through Rhodium Catalysis. <i>Synlett</i> , 2018, 29, 1801-1806.	1.0	19
24	Recent Advances in Visible-Light-Promoted Copper Catalysis in Organic Reactions. <i>Synthesis</i> , 2021, 53, 4327-4340.	1.2	14
25	Development of Novel Phosphino-Oxazoline Ligands and Their Application in Asymmetric Alkynylation of Benzylic Halides. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1337-1345.	2.6	14
26	Chromium-Catalysed Asymmetric Dearomatization Addition Reactions of Bromomethylnaphthalenes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1227-1231.	2.1	13
27	Rhodium-catalyzed asymmetric [4+2] cycloaddition reactions of 2-alkylenecyclobutanols with cyclic enones through C-C bond cleavage: efficient access to trans-bicyclic compounds. <i>Chemical Science</i> , 2018, 9, 1873-1877.	3.7	13
28	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.	2.4	13
29	Visible Light-Induced Copper-Catalyzed C-H Arylation of Benzoxazoles. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1299-1303.	2.6	13
30	Zinc-Mediated Allylation-Lactonization One-Pot Reaction to Methylene Butyrolactones: Renewable Monomers for Sustainable Acrylic Polymers with Closed-Loop Recyclability. <i>ACS Polymers Au</i> , 2022, 2, 266-274.	1.7	13
31	Barbier-type anti-Diastereo- and Enantioselective Synthesis of β -Trimethylsilyl, Fluorinated Methyl, Phenylthio Homoallylic Alcohols. <i>Scientific Reports</i> , 2017, 7, 4873.	1.6	12
32	Photo-induced copper-catalyzed sequential 1,n-HAT enabling the formation of cyclobutanols. <i>Nature Communications</i> , 2021, 12, 6404.	5.8	12
33	Rhodium-Catalyzed Annulations of 1,3-Dienes and Salicylaldehydes/2-Hydroxybenzyl Alcohols Promoted by Ethylacrolein. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4246-4251.	2.1	11
34	Copper-Catalyzed Enantioselective Sonogashira Type Coupling of Alkynes with β -Bromoamides. <i>Angewandte Chemie</i> , 2020, 132, 14102-14106.	1.6	11
35	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.	1.2	7
36	Chromium-Catalyzed Asymmetric Dearomatization-Addition Reactions of Halomethyloxazoles and Indoles. <i>Synthesis</i> , 2018, 50, 4915-4921.	1.2	6

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37	Photoinduced Decarboxylative Amino-Fluoroalkylation of Maleic Anhydride. Chemistry - A European Journal, 2020, 26, 419-422.	1.7	6
38	Enantioselective 1,2-Alkylhydroxymethylation of Alkynes via Chromium/Cobalt Cocatalysis. Organic Letters, 2020, 22, 656-660.	2.4	6
39	Light-Promoted Copper-Catalyzed Enantioselective Alkylation of Azoles. Angewandte Chemie, 2021, 133, 2158-2162.	1.6	5
40	Azetidone synthesis enabled by photo-induced copper catalysis via [3+1] radical cascade cyclization. Innovation(China), 2022, 3, 100244.	5.2	4
41	Rhodium(I)-Catalyzed [4+2] Cycloaddition Reactions of α -Alkylencyclobutanols with Alkynes and (E)-Tj ETQq1 1 0.784 786-792.	2.6	3
42	Copper-catalyzed radical cascade reaction of isocyanate and ethers. Tetrahedron Letters, 2019, 60, 2084-2087.	0.7	2
43	Enantioselective Synthesis of <i>cis</i> -2,6-Disubstituted-4-methylene Tetrahydropyrans via Chromium Catalysis. Chinese Journal of Chemistry, 2020, 38, 1642-1646.	2.6	2
44	Silver-catalyzed synthesis of β -fluorovinylphosphonates by phosphonofluorination of aromatic alkynes. Beilstein Journal of Organic Chemistry, 2020, 16, 3086-3092.	1.3	2
45	Photoinduced Copper-Catalyzed Asymmetric C(sp ³)-H Alkynylation of Cyclic Amines by Intramolecular 1,5-Hydrogen Atom Transfer. Angewandte Chemie, 0, , .	1.6	1
46	48.3.3 Cyclobutanes (Update 2021). , 2021, , .		0