

# Guozhu Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3459639/guozhu-zhang-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Azetidene synthesis enabled by photo-induced copper catalysis via [3+1] radical cascade cyclization.. <i>Innovation(China)</i> , <b>2022</b> , 3, 100244	17.8	0
40	Photo-induced copper-catalyzed sequential 1,n-HAT enabling the formation of cyclobutanols. <i>Nature Communications</i> , <b>2021</b> , 12, 6404	17.4	3
39	Asymmetric Alkyl and Aryl/Azolation of Alkenes via a Single Cu(I) Complex. <i>ACS Catalysis</i> , <b>2021</b> , 11, 5108-5118	11.8	8
38	Light-Promoted Copper-Catalyzed Enantioselective Alkylation of Azoles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2130-2134	16.4	18
37	Light-Promoted Copper-Catalyzed Enantioselective Alkylation of Azoles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2158-2162	3.6	1
36	Photo-induced copper-catalyzed alkynylation and amination of remote unactivated C(sp)-H bonds. <i>Chemical Science</i> , <b>2021</b> , 12, 4836-4840	9.4	5
35	Copper-Catalyzed Enantioselective Sonogashira Type Coupling of Alkynes with $\beta$ -Bromoamides. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13998-14002	16.4	18
34	Copper-Catalyzed Enantioselective Sonogashira Type Coupling of Alkynes with $\beta$ -Bromoamides. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 14102-14106	3.6	5
33	Visible Light-Induced Copper-Catalyzed C-H Arylation of Benzoxazoles <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1299-1303	4.9	4
32	Copper-Catalyzed Photoinduced Enantioselective Dual Carbofunctionalization of Alkenes. <i>Organic Letters</i> , <b>2020</b> , 22, 1490-1494	6.2	40
31	Photoinduced Decarboxylative Amino-Fluoroalkylation of Maleic Anhydride. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 419-422	4.8	2
30	Copper-catalyzed enantioselective arylalkynylation of alkenes. <i>Chemical Science</i> , <b>2020</b> , 11, 1623-1628	9.4	16
29	Enantioselective 1,2-Alkylhydroxymethylation of Alkynes via Chromium/Cobalt Cocatalysis. <i>Organic Letters</i> , <b>2020</b> , 22, 656-660	6.2	4
28	Enantioselective Synthesis of cis-2,6-Disubstituted-4-methylene Tetrahydropyrans via Chromium Catalysis <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1642-1646	4.9	1
27	Silver-catalyzed synthesis of $\beta$ -fluorovinylphosphonates by phosphonofluorination of aromatic alkynes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 3086-3092	2.5	2
26	Visible-Light-Induced Copper-Catalyzed Intermolecular Markovnikov Hydroamination of Alkenes. <i>Organic Letters</i> , <b>2019</b> , 21, 7873-7877	6.2	17
25	Rhodium(I)-Catalyzed [4 + 2] Cycloaddition Reactions of 2-Alkylencyclo-butanols with Alkynes and (E)-2-Nitroethenylbenzene through C(sp <sup>2</sup> )-C(sp <sup>3</sup> ) Bond Cleavage. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 786-792	4.9	3

24	Synthesis of 2-(2-Oxo-2-phenylethyl)cyclopentanone by Rhodium-Catalyzed Tandem Alkynyl Cyclobutanols Hydroacylation and Semipinacol Rearrangement. <i>Organic Letters</i> , <b>2019</b> , 21, 1263-1267	6.2	8
23	Copper-Catalyzed Intermolecular Carboamination of Alkenes Induced by Visible Light. <i>Organic Letters</i> , <b>2019</b> , 21, 1699-1703	6.2	37
22	Copper-catalyzed radical cascade reaction of isocyanate and ethers. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 2084-2087		0
21	Enantioselective 1,2-Difunctionalization of 1,3-Butadiene by Sequential Alkylation and Carbonyl Allylation. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2735-2738	16.4	84
20	Recent advances on catalytic asymmetric difunctionalization of 1,3-dienes. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 347-355	2	91
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> , <b>2018</b> , 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> , <b>2018</b> , 360, 4246-4251	5.6	9
17	Copper-Catalyzed Synthesis of $\alpha$ -Azido Sulfonates or Fluorinated Alkanes: Divergent Reactivity of Sodium Sulfinates. <i>Organic Letters</i> , <b>2018</b> , 20, 6250-6254	6.2	44
16	Chromium-Catalyzed Asymmetric Dearomatization/Addition Reactions of Halomethyloxazoles and Indoles. <i>Synthesis</i> , <b>2018</b> , 50, 4915-4921	2.9	5
15	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> , <b>2018</b> , 36, 708-711	4.9	16
14	Recent Advances in Intermolecular Hydroacylation of Alkenes with Aldehydes through Rhodium Catalysis. <i>Synlett</i> , <b>2018</b> , 29, 1801-1806	2.2	11
13	Rhodium(i)-catalyzed stereoselective [4+2] cycloaddition of oxetanols with alkynes through C(sp)-C(sp) bond cleavage. <i>Chemical Science</i> , <b>2017</b> , 8, 3002-3006	9.4	18
12	Chromium-Catalysed Asymmetric Dearomatization Addition Reactions of Bromomethylnaphthalenes. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1227-1231	5.6	10
11	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> , <b>2017</b> , 2017, 1561-1565	3.2	7
10	Expedient Synthesis of 1,5-Diketones by Rhodium-Catalyzed Hydroacylation Enabled by C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12891-12894	16.4	38
9	Barbier-type anti-Diastereo- and Enantioselective Synthesis of $\beta$ -Trimethylsilyl, Fluorinated Methyl, Phenylthio Homoallylic Alcohols. <i>Scientific Reports</i> , <b>2017</b> , 7, 4873	4.9	7
8	Recent Advances in the Asymmetric Nozaki-Hiyama-Kishi Reaction. <i>Synthesis</i> , <b>2016</b> , 48, 4038-4049	2.9	41
7	Enantioselective Synthesis of Quaternary Stereocenters via Chromium Catalysis. <i>Organic Letters</i> , <b>2016</b> , 18, 5094-5097	6.2	31

6	Silver-initiated radical ring expansion/fluorination of ethynyl cyclobutanols: efficient synthesis of monofluoroethenyl cyclopentanones. <i>Green Chemistry</i> , <b>2016</b> , 18, 6236-6240	10	29
5	Chromium-Catalyzed Asymmetric Dearomatization Addition Reactions of Halomethyl Heteroarenes. <i>Organic Letters</i> , <b>2016</b> , 18, 1828-31	6.2	32
4	Total Synthesis of Aquatolide: Wolff Ring Contraction and Late-Stage Nozaki-Hiyama-Kishi Medium-Ring Formation. <i>Organic Letters</i> , <b>2016</b> , 18, 5388-5391	6.2	22
3	Enantioselective Synthesis of Exo-Methylene $\beta$ -Butyrolactones via Chromium Catalysis. <i>Organic Letters</i> , <b>2015</b> , 17, 5236-9	6.2	38
2	Gold(I)-Catalyzed Tandem Transformation with Dienes: Rapid Access to Linear Cyclopentenone-Fused Polycyclic Molecules. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11053-11057	3.6	24
1	Gold(I)-Catalyzed Tandem Transformation with Dienes: Rapid Access to Linear Cyclopentenone-Fused Polycyclic Molecules. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 10903-10907	16.4	37