

Qian Zhang

List of Publications by Year in descending order

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27
papers

2,004
citations

331670

21
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477307

29
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30
docs citations

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times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	New amination strategies based on nitrogen-centered radical chemistry. <i>Chemical Society Reviews</i> , 2016, 45, 3069-3087.	38.1	524
2	Copper-Catalyzed Intermolecular Aminocyanation and Diamination of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2529-2533.	13.8	272
3	Regioselective Radical Aminofluorination of Styrenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11079-11083.	13.8	200
4	Radical cascade reaction of alkynes with N-fluoroarylsulfonimides and alcohols. <i>Nature Communications</i> , 2015, 6, 7011.	12.8	105
5	Highly Regioselective Radical Amination of Allenes: Direct Synthesis of Allenamides and Tetrasubstituted Alkenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12649-12653.	13.8	80
6	Asymmetric Nitrone Synthesis via Ligand-Enabled Copper-Catalyzed Cope-Type Hydroamination of Cyclopropene with Oxime. <i>Journal of the American Chemical Society</i> , 2017, 139, 11702-11705.	13.7	76
7	Copper-Catalyzed Asymmetric Aminocyanation of Arylcyclopropanes for Synthesis of β -Amino Nitriles. <i>ACS Catalysis</i> , 2019, 9, 716-721.	11.2	72
8	Cobalt-Catalyzed Radical Hydroamination of Alkenes with <i>N</i> -Fluorobenzenesulfonimides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25949-25957.	13.8	69
9	Copper-Catalyzed Hydroxyl-Directed Aminoarylation of Alkynes. <i>ACS Catalysis</i> , 2016, 6, 3674-3678.	11.2	51
10	NHC and visible light-mediated photoredox co-catalyzed 1,4-sulfonylacylation of 1,3-enynes for tetrasubstituted allenyl ketones. <i>Chemical Science</i> , 2022, 13, 3169-3175.	7.4	44
11	Copper-Catalyzed Aminodifluoroalkylation of Alkenes with β -Bromodifluoroacetamides: Synthesis of 3,3-Difluoropyrrolidinones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3114-3119.	4.3	42
12	Enantioselective and site-specific copper-catalyzed reductive allyl-allyl cross-coupling of allenenes. <i>Chemical Science</i> , 2019, 10, 1802-1806.	7.4	42
13	Synthesis of Axially Chiral Aldehydes by Heterocyclic Carbene-Catalyzed Desymmetrization Followed by Kinetic Resolution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	39
14	Asymmetric Synthesis of Silicon-Stereogenic Silanes by Copper-Catalyzed Desymmetrizing Protoboration of Vinylsilanes. <i>Angewandte Chemie</i> , 2020, 132, 12025-12029.	2.0	37
15	Cu-Catalyzed Aminodifluoroalkylation of Alkynes and β -Bromodifluoroacetamides. <i>Journal of Organic Chemistry</i> , 2017, 82, 8282-8289.	3.2	36
16	Recent advances in the direct construction of enantioenriched stereocenters through addition of radicals to internal alkenes. <i>Chemical Society Reviews</i> , 2021, 50, 8857-8873.	38.1	32
17	Catalytically Generated Allyl Cu(I) Intermediate via Cyclopropene Ring-Opening Coupling en Route to Allylphosphonates. <i>Organic Letters</i> , 2016, 18, 4840-4843.	4.6	28
18	Copper-Catalyzed Asymmetric Hydroamination: A Unified Strategy for the Synthesis of Chiral β -Amino Acid and Its Derivatives. <i>CCS Chemistry</i> , 2021, 3, 1737-1745.	7.8	28

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19	Cobalt-catalyzed Asymmetric Alkylation of (Hetero)Arenes with Styrenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	27
20	Organoborohydride-catalyzed Chichibabin-type C4-position alkylation of pyridines with alkenes assisted by organoboranes. <i>Chemical Science</i> , 2020, 11, 11554-11561.	7.4	12
21	Copper-catalyzed [3 + 1] cyclization of cyclopropenes/diazo compounds and bromodifluoroacetamides: facile synthesis of 1,1-difluoro-2-lactam derivatives. <i>Chemical Science</i> , 2021, 12, 11805-11809.	7.4	12
22	Cobalt-catalyzed Radical Hydroamination of Alkenes with <i>N</i> -Fluorobenzenesulfonimides. <i>Angewandte Chemie</i> , 2021, 133, 26153-26161.	2.0	11
23	Radical Addition-Triggered Remote Migratory Isomerization of Unactivated Alkenes to Difluoromethylene-Containing Alkenes Enabled by Bimetallic Catalysis. <i>ACS Catalysis</i> , 2022, 12, 527-535.	11.2	9
24	Synthesis of Axially Chiral Aldehydes by <i>N</i> -Heterocyclic Carbene-catalyzed Desymmetrization Followed by Kinetic Resolution. <i>Angewandte Chemie</i> , 0, , .	2.0	6
25	Copper-catalyzed radical cascade reaction of simple cyclobutanes: synthesis of highly functionalized cyclobutene derivatives. <i>Chemical Science</i> , 2022, 13, 7886-7891.	7.4	5
26	CoH-catalyzed radical hydroalkylation of alkenes with 1,3-dicarbonyls. <i>Chemical Communications</i> , 2022, 58, 5265-5268.	4.1	4
27	Cobalt-catalyzed Asymmetric Alkylation of (Hetero)Arenes with Styrenes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2