

# Fanke Meng

## List of Publications by Year in descending order

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27  
papers

1,723  
citations

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times ranked

893  
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>Cobalt-Catalyzed</sc> Enantioselective <sc>Ring-Opening</sc> Reactions of Oxa- and Aza-bicyclic Alkenes with Alkenylboronic Acids. Chinese Journal of Chemistry, 2022, 40, 190-194.	4.9	13
2	Cobalt-Catalyzed Sequential Site- and Stereoselective Hydrosilylation of 1,3- and 1,4-Enynes. Journal of the American Chemical Society, 2022, 144, 5233-5240.	13.7	48
3	Cobalt-Catalyzed Regio-, Diastereo- and Enantioselective Intermolecular Hydrosilylation of 1,3-Dienes with Prochiral Silanes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	30
4	Cobalt-Catalyzed Regio-, Diastereo- and Enantioselective Intermolecular Hydrosilylation of 1,3-Dienes with Prochiral Silanes. Angewandte Chemie, 2022, 134, .	2.0	9
5	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkylation of Cyclopropenes with Cobalt Homo-enolates. Angewandte Chemie - International Edition, 2021, 60, 2694-2698.	13.8	60
6	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkylation of Cyclopropenes with Cobalt Homo-enolates. Angewandte Chemie, 2021, 133, 2726-2730.	2.0	19
7	Cobalt-catalyzed diastereo- and enantioselective allyl addition to aldehydes and $\alpha$ -ketoesters through allylic C-H functionalization. Cell Reports Physical Science, 2021, 2, 100406.	5.6	20
8	Cobalt-catalyzed atom-economical, diastereo- and enantioselective coupling of aldimines and cyclopropanols. Science China Chemistry, 2021, 64, 1750-1755.	8.2	18
9	Cobalt-Catalyzed Diastereo- and Enantioselective Reductive Allyl Additions to Aldehydes with Allylic Alcohol Derivatives via Allyl Radical Intermediates. Journal of the American Chemical Society, 2021, 143, 12755-12765.	13.7	48
10	How Solvents Control the Stereospecificity of Ni-Catalyzed Miyaura Borylation of Allylic Pivalates. ACS Catalysis, 2019, 9, 9589-9598.	11.2	18
11	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkenylation of Cyclopropenes with Alkenylboronic Acids. Angewandte Chemie - International Edition, 2019, 58, 11049-11053.	13.8	66
12	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkenylation of Cyclopropenes with Alkenylboronic Acids. Angewandte Chemie, 2019, 131, 11165-11169.	2.0	21
13	Cu-catalyzed enantioselective synthesis of tertiary benzylic copper complexes and their <i>in situ</i> addition to carbonyl compounds. Chemical Science, 2018, 9, 4992-4998.	7.4	40
14	Copper-Catalyzed Enantioselective Hydroboration of 1,1-Disubstituted Alkenes: Method Development, Applications and Mechanistic Studies. Asian Journal of Organic Chemistry, 2018, 7, 103-106.	2.7	13
15	Cu-catalyzed regioselective borylcyanation of 1,3-dienes. Chemical Communications, 2018, 54, 12832-12835.	4.1	29
16	Cu-Catalyzed Enantioselective Reductive Coupling of 1,3-Dienes and Aldimines. Organic Letters, 2018, 20, 7288-7292.	4.6	32
17	N-Heterocyclic Carbene-Cu-Catalyzed Enantioselective Allenyl Conjugate Addition. Organic Letters, 2018, 20, 6896-6900.	4.6	14
18	N-heterocyclic Carbene-Cu-Catalyzed Enantioselective Conjugate Additions with Alkenylboronic Esters as Nucleophiles. ACS Catalysis, 2017, 7, 5693-5698.	11.2	20

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19	Cu-Catalyzed Enantioselective Boron Addition to <i>N</i> -Heteroaryl-Substituted Alkenes. <i>Organic Letters</i> , 2017, 19, 6610-6613.	4.6	21
20	Catalytic enantioselective 1,6-conjugate additions of propargyl and allyl groups. <i>Nature</i> , 2016, 537, 387-393.	27.8	124
21	Catalytic Enantioselective Conjugate Additions of (pin)B-Substituted Allylcopper Compounds Generated in situ from Butadiene or Isoprene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9997-10002.	13.8	108
22	Catalytic Enantioselective Conjugate Additions of (pin)B-Substituted Allylcopper Compounds Generated in situ from Butadiene or Isoprene. <i>Angewandte Chemie</i> , 2016, 128, 10151-10156.	2.0	37
23	Diastereo- and Enantioselective Reactions of Bis(pinacolato)diboron, 1,3-Enynes, and Aldehydes Catalyzed by an Easily Accessible Bisphosphine-Cu Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 11304-11307.	13.7	193
24	Multifunctional organoboron compounds for scalable natural product synthesis. <i>Nature</i> , 2014, 513, 367-374.	27.8	214
25	NHC-Cu-Catalyzed Protoboration of Monosubstituted Allenes. Ligand-Controlled Site Selectivity, Application to Synthesis and Mechanism. <i>Organic Letters</i> , 2013, 15, 1414-1417.	4.6	103
26	Cu-Catalyzed Chemoselective Preparation of 2-(Pinacolato)boron-Substituted Allylcopper Complexes and their In situ Site-, Diastereo-, and Enantioselective Additions to Aldehydes and Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5046-5051.	13.8	194
27	Exceptionally <i>E</i> - and <i>Z</i> -Selective NHC-Cu-Catalyzed Proto-Silyl Additions to Terminal Alkynes and Site- and Enantioselective Protoboryl Additions to the Resulting Vinylsilanes: Synthesis of Enantiomerically Enriched Vicinal and Geminal Borosilanes. <i>Chemistry - A European Journal</i> , 2013, 19, 3204-3214.	3.3	136