

Fanke Meng

List of Publications by Year in descending order

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27
papers

1,723
citations

394421

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501196

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all docs

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docs citations

29
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional organoboron compounds for scalable natural product synthesis. <i>Nature</i> , 2014, 513, 367-374.	27.8	214
2	Cu-catalyzed Chemoselective Preparation of (Pinacolato)boron-Substituted Allylcopper Complexes and their <i>In Situ</i> Site-, Diastereo-, and Enantioselective Additions to Aldehydes and Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5046-5051.	13.8	194
3	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
4	Exceptionally <i>in situ</i> - and Site-Selective NHC-Cu-Catalyzed Protosilyl 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
5	Catalytic enantioselective 1,6-conjugate additions of propargyl and allyl groups. <i>Nature</i> , 2016, 537, 387-393.	27.8	124
6	Catalytic Enantioselective Conjugate Additions of (pin)B-Substituted Allylcopper Compounds Generated <i>In Situ</i> from Butadiene or Isoprene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9997-10002.	13.8	108
7	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
8	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkenylation of Cyclopropenes with Alkenylboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11049-11053.	13.8	66
9	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkylation of Cyclopropenes with Cobalt Homo-enolates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2694-2698.	13.8	60
10	Cobalt-Catalyzed Diastereo- and Enantioselective Reductive Allyl Additions to Aldehydes with Allylic Alcohol Derivatives via Allyl Radical Intermediates. <i>Journal of the American Chemical Society</i> , 2021, 143, 12755-12765.	13.7	48
11	Cobalt-Catalyzed Sequential Site- and Stereoselective Hydrosilylation of 1,3- and 1,4-Enynes. <i>Journal of the American Chemical Society</i> , 2022, 144, 5233-5240.	13.7	48
12	Cu-catalyzed enantioselective synthesis of tertiary benzylic copper complexes and their <i>in situ</i> addition to carbonyl compounds. <i>Chemical Science</i> , 2018, 9, 4992-4998.	7.4	40
13	Catalytic Enantioselective Conjugate Additions of (pin)B-Substituted Allylcopper Compounds Generated <i>In Situ</i> from Butadiene or Isoprene. <i>Angewandte Chemie</i> , 2016, 128, 10151-10156.	2.0	37
14	Cu-Catalyzed Enantioselective Reductive Coupling of 1,3-Dienes and Aldimines. <i>Organic Letters</i> , 2018, 20, 7288-7292.	4.6	32
15	Cobalt-Catalyzed Regio-, Diastereo- and Enantioselective Intermolecular Hydrosilylation of 1,3-Dienes with Prochiral Silanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	30
16	Cu-catalyzed regioselective borylcyanation of 1,3-dienes. <i>Chemical Communications</i> , 2018, 54, 12832-12835.	4.1	29
17	Cu-Catalyzed Enantioselective Boron Addition to <i>N</i> -Heteroaryl-Substituted Alkenes. <i>Organic Letters</i> , 2017, 19, 6610-6613.	4.6	21
18	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkenylation of Cyclopropenes with Alkenylboronic Acids. <i>Angewandte Chemie</i> , 2019, 131, 11165-11169.	2.0	21

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19	N-heterocyclic Carbene-Cu-Catalyzed Enantioselective Conjugate Additions with Alkenylboronic Esters as Nucleophiles. <i>ACS Catalysis</i> , 2017, 7, 5693-5698.	11.2	20
20	Cobalt-catalyzed diastereo- and enantioselective allyl addition to aldehydes and α -ketoesters through allylic C-H functionalization. <i>Cell Reports Physical Science</i> , 2021, 2, 100406.	5.6	20
21	Cobalt-Catalyzed Diastereo- and Enantioselective Hydroalkylation of Cyclopropenes with Cobalt Homoenoates. <i>Angewandte Chemie</i> , 2021, 133, 2726-2730.	2.0	19
22	How Solvents Control the Stereospecificity of Ni-Catalyzed Miyaura Borylation of Allylic Pivalates. <i>ACS Catalysis</i> , 2019, 9, 9589-9598.	11.2	18
23	Cobalt-catalyzed atom-economical, diastereo- and enantioselective coupling of aldimines and cyclopropanols. <i>Science China Chemistry</i> , 2021, 64, 1750-1755.	8.2	18
24	N-Heterocyclic Carbene-Cu-Catalyzed Enantioselective Allenyl Conjugate Addition. <i>Organic Letters</i> , 2018, 20, 6896-6900.	4.6	14
25	Copper-Catalyzed Enantioselective Hydroboration of 1,1-Disubstituted Alkenes: Method Development, Applications and Mechanistic Studies. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 103-106.	2.7	13
26	Cobalt-Catalyzed Enantioselective Ring-Opening Reactions of Oxa- and Aza-bicyclic Alkenes with Alkenylboronic Acids. <i>Chinese Journal of Chemistry</i> , 2022, 40, 190-194.	4.9	13
27	Cobalt-Catalyzed Regio-, Diastereo- and Enantioselective Intermolecular Hydrosilylation of 1,3-Dienes with Prochiral Silanes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	9