

Qing Gu

List of Publications by Year in descending order

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61
papers

3,998
citations

126907

33
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128289

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63
times ranked

2184
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Planar Chiral Ferrocenes via Transition-Metal-Catalyzed Direct C-H Bond Functionalization. <i>Accounts of Chemical Research</i> , 2017, 50, 351-365.	15.6	254
2	Enantioselective Synthesis of Planar Chiral Ferrocenes via Palladium-Catalyzed Direct Coupling with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2013, 135, 86-89.	13.7	249
3	Desymmetrization of Cyclohexadienones via Brønsted Acid-Catalyzed Enantioselective Oxo-Michael Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 4056-4057.	13.7	244
4	Synthesis of Atropisomers by Transition-Metal-Catalyzed Asymmetric C-H Functionalization Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 14025-14040.	13.7	214
5	Pd(II)-Catalyzed Intermolecular Direct C-H Bond Iodination: An Efficient Approach toward the Synthesis of Axially Chiral Compounds via Kinetic Resolution. <i>ACS Catalysis</i> , 2014, 4, 2741-2745.	11.2	205
6	Enantioselective Synthesis of Planar Chiral Ferrocenes via Pd(0)-Catalyzed Intramolecular Direct C-H Bond Arylation. <i>Journal of the American Chemical Society</i> , 2014, 136, 4841-4844.	13.7	193
7	Enantioselective Synthesis of Unsymmetrical Triarylmethanes by Chiral Brønsted Acids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 47-50.	2.4	165
8	Desymmetrization of cyclohexadienones via cinchonine derived thiourea-catalyzed enantioselective aza-Michael reaction and total synthesis of (-)-Mesembrine. <i>Chemical Science</i> , 2011, 2, 1519.	7.4	165
9	Rhodium-Catalyzed Atroposelective C-H Arylation: Efficient Synthesis of Axially Chiral Heterobiaryls. <i>Journal of the American Chemical Society</i> , 2019, 141, 9504-9510.	13.7	156
10	An Enantioselective Oxidative C-H/C-H Cross-Coupling Reaction: Highly Efficient Method To Prepare Planar Chiral Ferrocenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 2544-2547.	13.7	149
11	Rhodium-Catalyzed Atroposelective Oxidative C-H/C-H Cross-Coupling Reaction of 1-Aryl Isoquinoline Derivatives with Electron-Rich Heteroarenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 15678-15685.	13.7	126
12	Divergent Synthesis of Tunable Cyclopentadienyl Ligands and Their Application in Rh-Catalyzed Enantioselective Synthesis of Isoindolinone. <i>Journal of the American Chemical Society</i> , 2020, 142, 7379-7385.	13.7	125
13	Asymmetric C-H Bond Functionalization of Ferrocenes: New Opportunities and Challenges. <i>Trends in Chemistry</i> , 2020, 2, 737-749.	8.5	91
14	Desymmetrization of Cyclohexadienones via Asymmetric Michael Reaction Catalyzed by Cinchonine-Derived Urea. <i>Organic Letters</i> , 2011, 13, 5192-5195.	4.6	90
15	Enantioselective Carbonyl Catalysis Enabled by Chiral Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6818-6825.	13.8	82
16	Oxygen-Linked Cyclopentadienyl Rhodium(III) Complexes-Catalyzed Asymmetric C-H Arylation of Benzo[<i>h</i>]quinolines with δ -Diazonaphthoquinones. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15510-15516.	13.8	82
17	Enantioselective Synthesis of Azoniahelicenes by Rh-Catalyzed C-H Annulation with Alkynes. <i>Journal of the American Chemical Society</i> , 2021, 143, 114-120.	13.7	81
18	Pd ^{II} -Catalyzed Regio- and Enantioselective Oxidative C-H/C-H Cross-Coupling Reaction between Ferrocenes and Azoles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2149-2153.	13.8	65

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19	Pd-Catalyzed Highly Enantioselective Synthesis of Planar Chiral Ferrocenylpyridine Derivatives. <i>Organometallics</i> , 2015, 34, 4618-4625.	2.3	64
20	Thioketone-Directed Palladium(II)-Catalyzed C-H Arylation of Ferrocenes with Aryl Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1296-1299.	13.8	60
21	Cp*Rh ^{III} -Catalyzed C-H Amidation of Ferrocenes. <i>Organometallics</i> , 2017, 36, 4359-4362.	2.3	57
22	Rhodium(III)-Catalyzed C-H Alkynylation of Ferrocenes with Hypervalent Iodine Reagents. <i>Journal of Organic Chemistry</i> , 2017, 82, 11829-11835.	3.2	55
23	Asymmetric Synthesis of 4-Aryl-3,4-dihydrocoumarins by N-Heterocyclic Carbene Catalyzed Annulation of Phenols with Enals. <i>Organic Letters</i> , 2017, 19, 1318-1321.	4.6	54
24	Chiral Phosphoric Acid Catalyzed Intramolecular Dearomative Michael Addition of Indoles to Enones. <i>Organic Letters</i> , 2017, 19, 762-765.	4.6	52
25	Pd ^{II} -Catalyzed Regio- and Enantioselective Oxidative C-H/C-H Cross-Coupling Reaction between Ferrocenes and Azoles. <i>Angewandte Chemie</i> , 2019, 131, 2171-2175.	2.0	52
26	Thioketone-directed rhodium(I) catalyzed enantioselective C-H bond arylation of ferrocenes. <i>Nature Communications</i> , 2019, 10, 4168.	12.8	52
27	Chiral Cp ^x Rh complexes for C-H functionalization reactions. <i>Science Bulletin</i> , 2021, 66, 210-213.	9.0	45
28	Palladium(0)-Catalyzed Asymmetric C-H Alkenylation for Efficient Synthesis of Planar Chiral Ferrocenes. <i>Organometallics</i> , 2016, 35, 3227-3233.	2.3	44
29	Construction of the Benzomesembrine Skeleton: Palladium(0)-Catalyzed Intermolecular Arylative Dearomatization of 1-Naphthols and Subsequent Aza-Michael Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7252-7256.	13.8	44
30	Cp ^{Co} -Co(III)-catalyzed ortho C-H amidation of 2-pyridinyl ferrocenes with 1,4,2-dioxazol-5-ones. <i>Journal of Catalysis</i> , 2018, 361, 393-397.	6.2	43
31	Enantioselective annulation of enals with 2-naphthols by triazolium salts derived from L-phenylalanine. <i>Chemical Science</i> , 2015, 6, 4273-4278.	7.4	42
32	Electrochemical Rhodium-Catalyzed Enantioselective C-H Annulation with Alkynes. <i>CCS Chemistry</i> , 2022, 4, 3181-3189.	7.8	42
33	Rhodium-Catalyzed Pyridine-Assisted C-H Arylation for the Synthesis of Planar Chiral Ferrocenes. <i>CCS Chemistry</i> , 2020, 2, 642-651.	7.8	39
34	Synthesis of Planar Chiral Ferrocenes via Transition-Metal-Catalyzed Direct C-H Bond Functionalization. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 51.	1.3	36
35	Recent Progress on Transition-Metal-Catalyzed Asymmetric C-H Bond Functionalization for the Synthesis of Biaryl Atropisomers. <i>Acta Chimica Sinica</i> , 2019, 77, 690.	1.4	31
36	Recent Advances in Ni-Catalyzed Allylic Substitution Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 15.	1.3	29

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37	Recent Advances in Enantioselective Direct C-H Addition to Carbonyls and Michael Acceptors. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 641-647.	3.2	28
38	Chemoselective N-H functionalization of indole derivatives via the Reissert-type reaction catalyzed by a chiral phosphoric acid. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6146-6154.	2.8	26
39	Cp* ⁺ M(III)-catalyzed enantioselective C-H functionalization through migratory insertion of metal-carbenes/nitrenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7264-7275.	2.8	26
40	Tandem Pd-Catalyzed Intermolecular Allylic Alkylation/Allylic Dearomatization Reaction of Benzoylmethyl pyridines, Pyrazines, and Quinolines. <i>Organic Letters</i> , 2019, 21, 3314-3318.	4.6	25
41	SCpRh(III)-Catalyzed Enantioselective Synthesis of Atropisomers by C2-Arylation of Indoles with 1-Diazonaphthoquinones. <i>Organic Letters</i> , 2022, 24, 3620-3625.	4.6	25
42	Enantioselective synthesis of 4-substituted tetrahydroisoquinolines via palladium-catalyzed intramolecular Friedel-Crafts type allylic alkylation of phenols. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3086-3092.	2.8	23
43	Enantioselective synthesis of 4,5,6,7-tetrahydroindoles via olefin cross-metathesis/intramolecular Friedel-Crafts alkylation reaction of pyrroles. <i>Organic Chemistry Frontiers</i> , 2015, 2, 476-480.	4.5	22
44	Ni-Catalyzed Allylic Dearomatization Reaction of 1-Naphthols with Allylic Alcohols. <i>Organic Letters</i> , 2020, 22, 3297-3301.	4.6	22
45	Ni-Catalyzed Intermolecular Allylic Dearomatization Reaction of Tryptophols and Tryptamines. <i>Organic Letters</i> , 2019, 21, 9420-9424.	4.6	21
46	Rhodium-Catalyzed Atroposelective C-H/C-H Cross-Coupling Reaction between 1-Aryl Isoquinoline Derivatives and Indolizines. <i>Organic Letters</i> , 2022, 24, 564-569.	4.6	21
47	Rhodium(III)-Catalyzed Enantioselective C-H Activation/Annulation of Ferrocenecarboxamides with Internal Alkynes. <i>ACS Catalysis</i> , 2022, 12, 3083-3093.	11.2	20
48	Oxygen-Linked Cyclopentadienyl Rhodium(III) Complexes-Catalyzed Asymmetric C-H Arylation of Benzo[h]quinolines with 1-Diazonaphthoquinones. <i>Angewandte Chemie</i> , 2021, 133, 15638-15644.	2.0	19
49	Pd-catalyzed asymmetric oxidative C-H/C-H cross-coupling reaction between dialkylaminomethylferrocenes and indolizines. <i>Chem Catalysis</i> , 2022, 2, 102-113.	6.1	19
50	Thioether-Directed Palladium(II)-Catalyzed C-H Arylation of Ferrocenes with Aryl Boronic Acids. <i>Angewandte Chemie</i> , 2018, 130, 1310-1313.	2.0	18
51	Chiral Phosphoric Acid-Catalyzed Asymmetric Cascade Reaction of C(3) Substituted Indoles and Methyl Vinyl Ketone. <i>Acta Chimica Sinica</i> , 2014, 72, 1001.	1.4	17
52	Hyper-Crosslinked Porous Chiral Phosphoric Acids: Robust Solid Organocatalysts for Asymmetric Dearomatization Reactions. <i>ACS Catalysis</i> , 2022, 12, 4545-4553.	11.2	17
53	Intermolecular Dearomatization Reaction of Pyrroles Promoted by Silica Gel. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 912-916.	4.3	13
54	Dearomatization reaction of 1-naphthols with disulfurating reagents. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8761-8771.	2.8	13

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55	Enantioselective Synthesis of Tetrahydroindolizines via Ruthenium-Chiral Phosphoric Acid Sequential Catalysis. <i>Synlett</i> , 2016, 27, 586-590.	1.8	10
56	Anilines as Nucleophiles in Ir-Catalyzed Intramolecular Asymmetric Allylic Substitution Reactions. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2680-2683.	3.3	10
57	Palladium-Catalyzed C-H Diarylation of Ferrocenecarboxylic Acids with Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2019, 84, 13144-13149.	3.2	9
58	SCpRh(III)-Catalyzed Enantioselective Aryl C-H Addition to Nitroalkenes. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1722-1725.	2.7	7
59	Pd(0)-catalyzed benzylation of indole through β -benzyl palladium intermediate. <i>Chinese Journal of Catalysis</i> , 2015, 36, 15-18.	14.0	5
60	Ir-Catalyzed Intermolecular Asymmetric Allylic Alkylation of β -Tetralones. <i>Organometallics</i> , 2019, 38, 3996-4002.	2.3	1
61	C C Bond Formation Through C-H Activation. , 2021, , .		0