

Guosheng Liu

List of Publications by Year in descending order

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158
papers

14,406
citations

16411

64
h-index

20900

115
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220
all docs

220
docs citations

220
times ranked

5835
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium(II)-Catalyzed Alkene Functionalization via Nucleopalladation: Stereochemical Pathways and Enantioselective Catalytic Applications. <i>Chemical Reviews</i> , 2011, 111, 2981-3019.	23.0	1,182
2	Palladium(II)-Catalyzed Oxidative Difunctionalization of Alkenes: Bond Forming at a High-Valent Palladium Center. <i>Accounts of Chemical Research</i> , 2016, 49, 2413-2423.	7.6	563
3	Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. <i>Science</i> , 2016, 353, 1014-1018.	6.0	496
4	Palladium-Catalyzed Oxidative Aryltrifluoromethylation of Activated Alkenes at Room Temperature. <i>Journal of the American Chemical Society</i> , 2012, 134, 878-881.	6.6	459
5	Copper-Catalyzed Radical Relay for Asymmetric Radical Transformations. <i>Accounts of Chemical Research</i> , 2018, 51, 2036-2046.	7.6	422
6	Highly Regioselective Pd-Catalyzed Intermolecular Aminoacetoxylation of Alkenes and Evidence for cis-Aminopalladation and SN2 C ^α O Bond Formation. <i>Journal of the American Chemical Society</i> , 2006, 128, 7179-7181.	6.6	397
7	Palladium-Catalyzed Intramolecular Aminofluorination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 16354-16355.	6.6	292
8	Copper-Catalyzed Intermolecular Trifluoromethylazidation of Alkenes: Convenient Access to CF ₃ -Containing Alkyl Azides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1881-1886.	7.2	288
9	Palladium-Catalyzed Oxidative Arylalkylation of Activated Alkenes: Dual C-H Bond Cleavage of an Arene and Acetonitrile. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12578-12581.	7.2	283
10	Enantioselective Copper-Catalyzed Intermolecular Cyanotrifluoromethylation of Alkenes via Radical Process. <i>Journal of the American Chemical Society</i> , 2016, 138, 15547-15550.	6.6	267
11	Palladium-Catalyzed Intermolecular Aminofluorination of Styrenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2856-2857.	6.6	265
12	Enantioselective Decarboxylative Cyanation Employing Cooperative Photoredox Catalysis and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 15632-15635.	6.6	252
13	Palladium-Catalyzed Intermolecular Aerobic Oxidative Amination of Terminal Alkenes: Efficient Synthesis of Linear Allylamine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4733-4736.	7.2	248
14	Copper-Catalyzed Intermolecular Trifluoromethylarylation of Alkenes: Mutual Activation of Arylboronic Acid and CF ₃ Reagent. <i>Journal of the American Chemical Society</i> , 2014, 136, 10202-10205.	6.6	243
15	Asymmetric Cu-Catalyzed Intermolecular Trifluoromethylarylation of Styrenes: Enantioselective Arylation of Benzylic Radicals. <i>Journal of the American Chemical Society</i> , 2017, 139, 2904-2907.	6.6	226
16	Two-Faced Reactivity of Alkenes: cis- versus trans-Aminopalladation in Aerobic Pd-Catalyzed Intramolecular Aza-Wacker Reactions. <i>Journal of the American Chemical Society</i> , 2007, 129, 6328-6335.	6.6	224
17	Palladium-Catalyzed Oxidative Trifluoromethylation of Indoles at Room Temperature. <i>Chemistry - A European Journal</i> , 2011, 17, 6039-6042.	1.7	216
18	Scope and Mechanism of Allylic C-H Amination of Terminal Alkenes by the Palladium/PhI(OPiv) ₂ Catalyst System: Insights into the Effect of Naphthoquinone. <i>Journal of the American Chemical Society</i> , 2010, 132, 11978-11987.	6.6	204

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19	Asymmetric Copper-Catalyzed Intermolecular Aminoarylation of Styrenes: Efficient Access to Optical 2,2-Diarylethylamines. <i>Journal of the American Chemical Society</i> , 2017, 139, 6811-6814.	6.6	196
20	Recent Advances in Transition-Metal-Catalyzed Trifluoromethylation and Related Transformations. <i>Synthesis</i> , 2013, 45, 2919-2939.	1.2	188
21	Site-specific allylic C-H bond functionalization with a copper-bound N-centred radical. <i>Nature</i> , 2019, 574, 516-521.	13.7	188
22	Enantioselective Copper-Catalyzed Intermolecular Amino- and Azidocyanation of Alkenes in a Radical Process. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2054-2058.	7.2	174
23	Divergent Synthesis of CF ₃ -Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7140-7145.	7.2	141
24	Silver-Catalyzed Intramolecular Aminofluorination of Activated Allenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8176-8179.	7.2	140
25	Palladium-Catalyzed Cascade C-H Trifluoroethylation of Aryl Iodides and Heck Reaction: Efficient Synthesis of <i>ortho</i> -Trifluoroethylstyrenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10174-10178.	7.2	140
26	Palladium-Catalyzed Intramolecular Aminotrifluoromethoxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 15648-15651.	6.6	140
27	Highly Selective Pd-Catalyzed Intermolecular Fluorosulfonylation of Styrenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 2468-2471.	6.6	137
28	Copper-Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF ₃ -Substituted Azirines and Aziridines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9356-9360.	7.2	135
29	Copper-Catalyzed Arylation of Benzylic C-H bonds with Alkylarenes as the Limiting Reagents. <i>Journal of the American Chemical Society</i> , 2017, 139, 7709-7712.	6.6	134
30	Copper-catalyzed radical relay in C(sp ³)-H functionalization. <i>Chemical Society Reviews</i> , 2022, 51, 1640-1658.	18.7	133
31	Recent Advances and Perspectives in Transition Metal-Catalyzed 1,4-Functionalizations of Unactivated 1,3-Enynes for the Synthesis of Allenes. <i>Chinese Journal of Chemistry</i> , 2020, 38, 91-100.	2.6	130
32	Enantioselective Trifluoromethylalkynylation of Alkenes via Copper-Catalyzed Radical Relay. <i>Journal of the American Chemical Society</i> , 2018, 140, 10965-10969.	6.6	128
33	Palladium-Catalyzed Intermolecular Aminocarbonylation of Alkenes: Efficient Access of β -Amino Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2015, 137, 2480-2483.	6.6	127
34	Palladium-Catalyzed Oxidative Cyclization of Enynes with Hydrogen Peroxide as the Oxidant. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5442-5445.	7.2	125
35	Brønsted Base-Modulated Regioselective Pd-Catalyzed Intramolecular Aerobic Oxidative Amination of Alkenes: Formation of Seven-Membered Amides and Evidence for Allylic C-H Activation. <i>Organic Letters</i> , 2009, 11, 2707-2710.	2.4	113
36	Pd-Catalyzed Intramolecular Aminohydroxylation of Alkenes with Hydrogen Peroxide as Oxidant and Water as Nucleophile. <i>Journal of the American Chemical Society</i> , 2014, 136, 1766-1769.	6.6	113

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37	Copper-Catalyzed Intermolecular Trifluoromethylthiocyanation of Alkenes: Convenient Access to CF ₃ -Containing Alkyl Thiocyanates. <i>Organic Letters</i> , 2015, 17, 2438-2441.	2.4	111
38	Recent advances in hypervalent iodine(III)-catalyzed functionalization of alkenes. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1813-1825.	1.3	111
39	A novel highly regio- and diastereoselective haloamination of alkenes catalyzed by divalent palladium. <i>Tetrahedron Letters</i> , 2004, 45, 1785-1788.	0.7	109
40	Palladium-Catalyzed Allylic C-H Bond Functionalization of Olefins. <i>Topics in Current Chemistry</i> , 2009, 292, 195-209.	4.0	108
41	Ag(I)-Catalyzed Aminofluorination of Alkynes: Efficient Synthesis of 4-Fluoroisoquinolines and 4-Fluoropyrrolo[±]isoquinolines. <i>Organic Letters</i> , 2012, 14, 5416-5419.	2.4	108
42	Palladium-Catalyzed Tandem Fluorination and Cyclization of Enynes. <i>Organic Letters</i> , 2011, 13, 772-775.	2.4	101
43	Transition metal-catalyzed fluorination of multi carbon-carbon bonds: new strategies for fluorinated heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6243.	1.5	101
44	Enantioselective Construction of Quaternary All-Carbon Centers via Copper-Catalyzed Arylation of Tertiary Carbon-Centered Radicals. <i>Journal of the American Chemical Society</i> , 2019, 141, 1887-1892.	6.6	101
45	Copper-catalyzed fluorination of 2-pyridyl aryl bromides. <i>Chemical Science</i> , 2014, 5, 275-280.	3.7	98
46	Copper-Catalyzed Trifluoromethylthiolation of Aryl Halides with Diverse Directing Groups. <i>Organic Letters</i> , 2014, 16, 3942-3945.	2.4	95
47	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6425-6429.	7.2	92
48	Enantioselective Copper-Catalyzed Alkynylation of Benzylic C-H Bonds via Radical Relay. <i>Journal of the American Chemical Society</i> , 2020, 142, 12493-12500.	6.6	90
49	Palladium-Catalyzed Intermolecular Ditrifluoromethoxylation of Unactivated Alkenes: CF ₃ O-Palladation Initiated by Pd(IV). <i>Journal of the American Chemical Society</i> , 2018, 140, 1207-1210.	6.6	88
50	Regioselective Palladium-Catalyzed C-H Bond Trifluoroethylation of Indoles: Exploration and Mechanistic Insight. <i>ACS Catalysis</i> , 2018, 8, 2173-2180.	5.5	87
51	Divergent Synthesis of CF ₃ -Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. <i>Angewandte Chemie</i> , 2018, 130, 7258-7263.	1.6	84
52	Copper-Catalyzed Regioselective Fluorination of Allylic Halides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7549-7553.	7.2	83
53	Organocatalyzed arylalkylation of activated alkenes via decarboxylation of PhI(O ₂ CR) ₂ : efficient synthesis of oxindoles. <i>Tetrahedron</i> , 2012, 68, 5229-5233.	1.0	82
54	Catalytic Amination of Polylactic Acid to Alanine. <i>Journal of the American Chemical Society</i> , 2021, 143, 16358-16363.	6.6	82

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55	Copper-Catalyzed Intermolecular Trifluoromethylazidation and Trifluoromethylthiocyanation of Allenes: Efficient Access to CF ₃ -Containing Allyl Azides and Thiocyanates. <i>Organic Letters</i> , 2015, 17, 3580-3583.	2.4	80
56	Mechanistic Studies of Wacker-Type Intramolecular Aerobic Oxidative Amination of Alkenes Catalyzed by Pd(OAc) ₂ /Pyridine. <i>Journal of Organic Chemistry</i> , 2011, 76, 1031-1044.	1.7	78
57	Enantioselective Palladium(II)-Catalyzed Intramolecular Aminoarylation of Alkenes by Dual N-H and Aryl C-H Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5336-5340.	7.2	76
58	Enantioselective Pd(II)-Catalyzed Intramolecular Oxidative 6-endo Aminoacetoxylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 7415-7419.	6.6	75
59	Palladium-Catalyzed C≡C Triple Bond Cleavage: Efficient Synthesis of 4H-Benzo[d][1,3]oxazin-4-ones. <i>ACS Catalysis</i> , 2013, 3, 178-181.	5.5	73
60	Regioselective palladium-catalyzed intramolecular oxidative aminofluorination of unactivated alkenes. <i>Chemical Communications</i> , 2013, 49, 8707.	2.2	69
61	Advancements in Aminofluorination of Alkenes and Alkynes: Convenient Access to α -Fluoroamines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4295-4309.	1.2	68
62	Asymmetric Coupling of Carbon-Centered Radicals Adjacent to Nitrogen: Copper-Catalyzed Cyanation and Etherification of Enamides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20439-20444.	7.2	68
63	Palladium-catalyzed intermolecular fluoroesterification of styrenes: exploration and mechanistic insight. <i>Chemical Science</i> , 2013, 4, 3172.	3.7	67
64	Branch-Selective Allylic C-H Carboxylation of Terminal Alkenes by Pd/sox Catalyst. <i>Organic Letters</i> , 2014, 16, 4212-4215.	2.4	67
65	Catalytic Oxidative Trifluoromethoxylation of Allylic C-H Bonds Using a Palladium Catalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9517-9521.	7.2	65
66	Proton-Coupled Electron Transfer Enables Tandem Radical Relay for Asymmetric Copper-Catalyzed Phosphinoylcyanation of Styrenes. <i>Organic Letters</i> , 2019, 21, 5015-5020.	2.4	64
67	Highly Selective Palladium-Catalyzed Intramolecular Chloroamination of Unactivated Alkenes by Using Hydrogen Peroxide as an Oxidant. <i>Chemistry - A European Journal</i> , 2012, 18, 451-455.	1.7	63
68	Palladium-Catalyzed Intermolecular Aminoacetoxylation of Alkenes and the Influence of PhI(OAc) ₂ on Aminopalladation Stereoselectivity. <i>Journal of Organic Chemistry</i> , 2013, 78, 6309-6315.	1.7	63
69	Palladium(II)-Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF ₃ as a Trifluoromethoxide Source. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2392-2396.	7.2	63
70	Palladium(II)-Catalyzed Tandem Reaction of Intramolecular Aminopalladation of Allenyl N-Tosylcarbamates and Conjugate Addition. <i>Organic Letters</i> , 2001, 3, 3879-3882.	2.4	60
71	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17239-17244.	7.2	60
72	Palladium-Catalyzed Intramolecular Aminoacetoxylation of Unactivated Alkenes with Hydrogen Peroxide as Oxidant. <i>Organic Letters</i> , 2015, 17, 1485-1488.	2.4	58

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73	Intermolecular Palladium-Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to β -Fluorocarboxylic Esters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12692-12696.	7.2	55
74	Copper-catalyzed intermolecular cyanotrifluoromethylation of alkenes: Convenient synthesis of CF ₃ -containing alkyl nitriles. <i>Journal of Fluorine Chemistry</i> , 2014, 167, 55-60.	0.9	53
75	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13843-13848.	7.2	51
76	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6997-7001.	7.2	50
77	One-Pot Synthesis of 1-(Trifluoromethyl)-4-fluoro-1,2-dihydroisoquinolines and 4,4-Difluoro-1,2,3,4-tetrahydroisoquinolines. <i>Organic Letters</i> , 2013, 15, 6210-6213.	2.4	49
78	Enantioselective Copper-Catalyzed Radical Cyanation of Propargylic C-H Bonds: Easy Access to Chiral Allenyl Nitriles. <i>Journal of the American Chemical Society</i> , 2021, 143, 14451-14457.	6.6	49
79	Palladium-Catalyzed Intramolecular Aminofluorination of Styrenes. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2785-2790.	2.6	46
80	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11882-11886.	7.2	46
81	Palladium-Catalyzed Cascade C-H Trifluoroethylation of Aryl Iodides and Heck Reaction: Efficient Synthesis of <i>ortho</i> -Trifluoroethylstyrenes. <i>Angewandte Chemie</i> , 2014, 126, 10338-10342.	1.6	45
82	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et ₃ N·HF as a Fluoride Source. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2735-2739.	7.2	45
83	Palladium-Catalyzed Intermolecular Oxidative Diazidation of Alkenes. <i>Chinese Journal of Chemistry</i> , 2017, 35, 876-880.	2.6	44
84	Palladium(II)-Catalyzed Highly Regio- and Diastereoselective Cyclization of Difunctional Allylic N-Tosylcarbamates. A Convenient Synthesis of Optically Active 4-Vinyl-2-oxazolidinones and Total Synthesis of 1,4-Dideoxy-1,4-imino-D-xylitol. <i>Journal of Organic Chemistry</i> , 2002, 67, 974-980.	1.7	43
85	Enantioselective Copper-Catalyzed Trifluoromethylation of Benzylic Radicals via Ring Opening of Cyclopropanols. <i>CheM</i> , 2020, 6, 2407-2419.	5.8	43
86	Organocatalyzed cycloaddition of carbon dioxide to aziridines. <i>Tetrahedron Letters</i> , 2011, 52, 6450-6452.	0.7	42
87	Design of Catalytic Carbonylative Polymerizations of Heterocycles. Synthesis of Polyesters and Amphiphilic Poly(amide-block-ester)s. <i>Journal of the American Chemical Society</i> , 2004, 126, 14716-14717.	6.6	40
88	Copper-catalysed asymmetric radical cyanation. , 2022, 1, 107-116.		40
89	Palladium-Catalyzed Intramolecular Hydroamination of Allenes Coupled to Aerobic Alcohol Oxidation. <i>Chemistry - A European Journal</i> , 2009, 15, 2751-2754.	1.7	39
90	Enantioselective Copper-Catalyzed Radical Ring-Opening Cyanation of Cyclopropanols and Cyclopropanone Acetals. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2189-2194.	2.1	38

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91	Palladium-catalysed enantioselective diacetoxylation of terminal alkenes. <i>Nature Catalysis</i> , 2021, 4, 172-179.	16.1	38
92	Enantioselective Copper-Catalyzed Intermolecular Amino- and Azidocyanation of Alkenes in a Radical Process. <i>Angewandte Chemie</i> , 2017, 129, 2086-2090.	1.6	37
93	Copper-Catalyzed Asymmetric Cyanation of Alkenes via Carbonyl-Assisted Coupling of Alkyl-Substituted Carbon-Centered Radicals. <i>Organic Letters</i> , 2020, 22, 6299-6303.	2.4	36
94	Palladium-catalyzed inter- and intramolecular hydroamination of styrenes coupled with alcohol oxidation using N-fluorobenzenesulfonimide as the oxidant. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 46-49.	0.8	35
95	Pd-catalyzed intermolecular enantioselective hydroamination of styrenes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 819-822.	2.3	35
96	Recent Advances and Perspectives of Transition Metal-Catalyzed Asymmetric Fluorination Reactions. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1781-1788.	2.6	35
97	Enantioselective Cyanation of Remote C-H Bonds via Cooperative Photoredox and Copper Catalysis. <i>Acta Chimica Sinica</i> , 2019, 77, 856.	0.5	33
98	Copper-mediated/-catalyzed fluorination reactions: new routes to aryl fluorides. <i>Organic Chemistry Frontiers</i> , 2014, 1, 430-433.	2.3	32
99	Palladium(II)-catalyzed coupling reactions of alkynes and allylic compounds initiated by intramolecular carbopalladation of alkynes. <i>Tetrahedron Letters</i> , 2002, 43, 6791-6794.	0.7	31
100	Cobalt-Catalyzed Carbonylative Copolymerization of N-Alkylazetidines and Tetrahydrofuran. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 129-131.	7.2	31
101	Palladium(II)-catalyzed coupling of allenic acids and α,β -unsaturated carbonyl compounds through tandem intramolecular oxypalladation and conjugate addition reactions. <i>Tetrahedron Letters</i> , 2003, 44, 127-130.	0.7	30
102	Enantioselective Arylcyanation of Styrenes via Copper-Catalyzed Radical Relay. <i>Chinese Journal of Chemistry</i> , 2021, 39, 50-54.	2.6	28
103	Catalytic Oxidative Trifluoromethoxylation of Allylic C-H Bonds Using a Palladium Catalyst. <i>Angewandte Chemie</i> , 2017, 129, 9645-9649.	1.6	27
104	Palladium-Catalyzed Intermolecular Azidocarbonylation of Alkenes via a Cooperative Strategy. <i>Journal of Organic Chemistry</i> , 2017, 82, 11682-11690.	1.7	27
105	Palladium-Catalyzed Oxidative Aminofluorination of Styrenes. <i>Acta Chimica Sinica</i> , 2012, 70, 2404.	0.5	27
106	One-pot synthesis of tetrahydrofuran derivatives via a divalent palladium-catalyzed three-component coupling. <i>Tetrahedron Letters</i> , 2003, 44, 467-470.	0.7	26
107	Palladium-Catalyzed Oxidative Arylalkylation of Unactivated Alkenes: Dual C-H Bond Cleavage of Anilines and Acetonitrile. <i>Synlett</i> , 2012, 23, 2749-2752.	1.0	26
108	Copper-Catalyzed Benzylic C-H Bond Thiocyanation: Enabling Late-Stage Diversifications. <i>CCS Chemistry</i> , 2021, 3, 1884-1893.	4.6	26

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109	Palladium-Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15871-15876.	7.2	25
110	Iodine(III) reagent (ABX ^{N3})-induced intermolecular anti-Markovnikov hydroazidation of unactivated alkenes. <i>Science China Chemistry</i> , 2019, 62, 1537-1541.	4.2	23
111	Asymmetric Palladium-Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to β -Hydroxy Alkylcarboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14881-14886.	7.2	22
112	Catalytic remote hydrohalogenation of internal alkenes. <i>Nature Chemistry</i> , 2022, 14, 425-432.	6.6	22
113	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. <i>Angewandte Chemie</i> , 2016, 128, 14047-14052.	1.6	21
114	Asymmetric Coupling of Carbon-Centered Radicals Adjacent to Nitrogen: Copper-Catalyzed Cyanation and Etherification of Enamides. <i>Angewandte Chemie</i> , 2020, 132, 20619-20624.	1.6	21
115	Palladium-Catalyzed Intramolecular Fluoroxylation of Styrenes. <i>Chinese Journal of Chemistry</i> , 2013, 31, 908-914.	2.6	20
116	Pd(II)-Catalyzed Aminofluorination of Alkenes in Total Synthesis 6-(<i>R</i>)-Fluoroswainsonine and 5-(<i>R</i>)-Fluorofebrifugine. <i>Organic Letters</i> , 2016, 18, 960-963.	2.4	20
117	Enantioselective Palladium(II)-Catalyzed Intramolecular Aminoarylation of Alkenes by Dual N ^H and Aryl C ^H Bond Cleavage. <i>Angewandte Chemie</i> , 2017, 129, 5420-5424.	1.6	20
118	Palladium(II)-Catalyzed Aminotrifluoromethoxylation of Alkenes: Mechanistic Insight into the Effect of <i>N</i> -Protecting Groups. <i>Chinese Journal of Chemistry</i> , 2020, 38, 346-350.	2.6	20
119	Ligand-Controlled Regioselective Pd-Catalyzed Diamination of Alkenes. <i>Organic Letters</i> , 2020, 22, 9371-9375.	2.4	19
120	Palladium-Catalyzed Trifluoromethylthiolation of Arenes via C-H Activation. <i>Acta Chimica Sinica</i> , 2015, 73, 1294.	0.5	19
121	Copper-Catalyzed Enantioselective Radical Chlorination of Alkenes. <i>ACS Catalysis</i> , 2022, 12, 5284-5291.	5.5	18
122	Abnormal Mesoionic Carbene Silver Complex: Synthesis, Reactivity, and Mechanistic Insight on Oxidative Fluorination. <i>ACS Catalysis</i> , 2015, 5, 6732-6737.	5.5	17
123	Decarboxylative Fluorination of Arylcarboxylic Acids Promoted by <i>ortho</i> -Hydroxy and Amino Groups. <i>Chinese Journal of Chemistry</i> , 2018, 36, 507-514.	2.6	17
124	Nitromethane-Enabled Fluorination of Styrenes and Arenes. <i>CCS Chemistry</i> , 2020, 2, 566-575.	4.6	17
125	Cobalt-Catalyzed Carbonylative Polymerization of Azetidines. <i>Macromolecules</i> , 2008, 41, 8980-8985.	2.2	16
126	Mechanistic Investigation on the Silver-Catalyzed Oxidative Intramolecular Aminofluorination of Alkynes. <i>Organometallics</i> , 2016, 35, 1347-1349.	1.1	16

#	ARTICLE	IF	CITATIONS
127	Intermolecular Palladium-Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to β -Fluorocarboxylic Esters. <i>Angewandte Chemie</i> , 2017, 129, 12866-12870.	1.6	16
128	Palladium(II)-Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF_3 as a Trifluoromethoxide Source. <i>Angewandte Chemie</i> , 2019, 131, 2414-2418.	1.6	16
129	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et ₃ NHF as a Fluoride Source. <i>Angewandte Chemie</i> , 2020, 132, 2757-2761.	1.6	16
130	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2020, 132, 17392-17397.	1.6	15
131	Study of the Transient Reactive Pd(IV) Intermediate in the Pd(OAc) ₂ -Catalyzed Oxidative Coupling Reaction System by Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2013, 31, 371-376.	2.6	13
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137	Palladium-Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. <i>Angewandte Chemie</i> , 2018, 130, 16097-16102.	1.6	11
138	Enantioselective Intermolecular Aminoalkynylation of Styrenes via Copper-Catalyzed Radical Relay. <i>Organic Letters</i> , 2021, 23, 129-134.	2.4	11
139	Palladium(II)-Catalyzed Enantioselective Hydroxyoxygenation of Unactivated Terminal Alkenes. <i>Journal of the American Chemical Society</i> , 2022, 144, 7972-7977.	6.6	11
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142	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie</i> , 2021, 133, 7073-7077.	1.6	7
143	Highly Selective Palladium-Catalyzed Intramolecular Aminonitroxylolation of Alkenes. <i>Synlett</i> , 2011, 2011, 891-894.	1.0	6
144	Palladium-catalyzed cascade cyclization for the construction of spiro-N,O-acetals. <i>Organic Chemistry Frontiers</i> , 2014, 1, 289-293.	2.3	6

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145	CHAPTER 11. Dioxygen-Coupled Palladium and Copper-Catalyzed Csp ² -H Functionalization: Reactions and Mechanisms. RSC Catalysis Series, 0, , 363-408.	0.1	5
146	Palladium-catalyzed intermolecular alkynylcarbonylation of unactivated alkenes: easy access to β -alkynylcarboxylic esters. Chemical Communications, 2022, 58, 2544-2547.	2.2	5
147	Copper-mediated intramolecular aminofluorination of 1,3-dienes by using nucleophilic fluorine reagents. Chemical Communications, 2018, 54, 8709-8712.	2.2	4
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153	One-Pot Synthesis of Tetrahydrofuran Derivatives via a Divalent Palladium-Catalyzed Three-Component Coupling.. ChemInform, 2003, 34, no.	0.1	0
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