Pinhong Chen

List of Publications by Citations

85 papers	4,601 citations	39 h-index	66 g-index
92 ext. papers	5,572 ext. citations	10.8 avg, IF	6.37 L-index

#	Paper	IF	Citations
85	Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. *Science*, **2016**, 353, 1014-1018	33.3	347
84	Copper-Catalyzed Radical Relay for Asymmetric Radical Transformations. *Accounts of Chemical Research*, **2018**, 51, 2036-2046	24.3	261
83	Copper-catalyzed intermolecular trifluoromethylazidation of alkenes: convenient access to CF3 -containing alkyl azides. *Angewandte Chemie - International Edition*, **2014**, 53, 1881-6	16.4	256
82	Enantioselective Copper-Catalyzed Intermolecular Cyanotrifluoromethylation of Alkenes via Radical Process. *Journal of the American Chemical Society*, **2016**, 138, 15547-15550	16.4	229
81	Asymmetric Cu-Catalyzed Intermolecular Trifluoromethylarylation of Styrenes: Enantioselective Arylation of Benzylic Radicals. *Journal of the American Chemical Society*, **2017**, 139, 2904-2907	16.4	190
80	Enantioselective Decarboxylative Cyanation Employing Cooperative Photoredox Catalysis and Copper Catalysis. *Journal of the American Chemical Society*, **2017**, 139, 15632-15635	16.4	183
79	Recent Advances in Transition-Metal-Catalyzed Trifluoromethylation and Related Transformations. *Synthesis*, **2013**, 45, 2919-2939	2.9	173
78	Asymmetric Copper-Catalyzed Intermolecular Aminoarylation of Styrenes: Efficient Access to Optical 2,2-Diarylethylamines. *Journal of the American Chemical Society*, **2017**, 139, 6811-6814	16.4	146
77	Palladium-Catalyzed Intramolecular Aminotrifluoromethoxylation of Alkenes. *Journal of the American Chemical Society*, **2015**, 137, 15648-51	16.4	117
76	Palladium-catalyzed intermolecular aminocarbonylation of alkenes: efficient access of ǂamino acid derivatives. *Journal of the American Chemical Society*, **2015**, 137, 2480-3	16.4	112
75	Copper-Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF3-Substituted Azirines and Aziridines. *Angewandte Chemie - International Edition*, **2015**, 54, 9356-60	16.4	111
74	Site-specific allylic C-H bond functionalization with a copper-bound N-centred radical. *Nature*, **2019**, 574, 516-521	50.4	105
73	Enantioselective Trifluoromethylalkynylation of Alkenes via Copper-Catalyzed Radical Relay. *Journal of the American Chemical Society*, **2018**, 140, 10965-10969	16.4	99
72	Copper-Catalyzed Arylation of Benzylic C-H bonds with Alkylarenes as the Limiting Reagents. *Journal of the American Chemical Society*, **2017**, 139, 7709-7712	16.4	97
71	Pd-catalyzed intramolecular aminohydroxylation of alkenes with hydrogen peroxide as oxidant and water as nucleophile. *Journal of the American Chemical Society*, **2014**, 136, 1766-9	16.4	97
70	Copper-Catalyzed Intermolecular Trifluoromethylthiocyanation of Alkenes: Convenient Access to CF3-Containing Alkyl Thiocyanates. *Organic Letters*, **2015**, 17, 2438-41	6.2	90
69	Divergent Synthesis of CF -Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. *Angewandte Chemie - International Edition*, **2018**, 57, 7140-7145	16.4	82

68	Copper-catalyzed fluorination of 2-pyridyl aryl bromides. *Chemical Science*, **2014**, 5, 275-280	9.4	75
67	Enantioselective Construction of Quaternary All-Carbon Centers via Copper-Catalyzed Arylation of Tertiary Carbon-Centered Radicals. *Journal of the American Chemical Society*, **2019**, 141, 1887-1892	16.4	73
66	Palladium-Catalyzed Intermolecular Ditrifluoromethoxylation of Unactivated Alkenes: CFO-Palladation Initiated by Pd(IV). *Journal of the American Chemical Society*, **2018**, 140, 1207-1210	16.4	73
65	Copper-Catalyzed Intermolecular Trifluoromethylazidation of Alkenes: Convenient Access to CF3-Containing Alkyl Azides. *Angewandte Chemie*, **2014**, 126, 1912-1917	3.6	73
64	Recent advances in hypervalent iodine(III)-catalyzed functionalization of alkenes. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 1813-1825	2.5	70
63	Copper-Catalyzed Intermolecular Trifluoromethylazidation and Trifluoromethylthiocyanation of Allenes: Efficient Access to CF3-Containing Allyl Azides and Thiocyanates. *Organic Letters*, **2015**, 17, 3580-3	6.2	66
62	Palladium-Catalyzed C□ Triple Bond Cleavage: Efficient Synthesis of 4H-Benzo[d][1,3]oxazin-4-ones. *ACS Catalysis*, **2013**, 3, 178-181	13.1	62
61	Regioselective palladium-catalyzed intramolecular oxidative aminofluorination of unactivated alkenes. *Chemical Communications*, **2013**, 49, 8707-9	5.8	59
60	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. *Angewandte Chemie - International Edition*, **2019**, 58, 6425-6429	16.4	56
59	Catalytic Oxidative Trifluoromethoxylation of Allylic C-H Bonds Using a Palladium Catalyst. *Angewandte Chemie - International Edition*, **2017**, 56, 9517-9521	16.4	52
58	Palladium-catalyzed intramolecular aminoacetoxylation of unactivated alkenes with hydrogen peroxide as oxidant. *Organic Letters*, **2015**, 17, 1485-8	6.2	52
57	Enantioselective Pd(II)-Catalyzed Intramolecular Oxidative 6- endo Aminoacetoxylation of Unactivated Alkenes. *Journal of the American Chemical Society*, **2018**, 140, 7415-7419	16.4	52
56	Enantioselective Palladium(II)-Catalyzed Intramolecular Aminoarylation of Alkenes by Dual N-H and Aryl C-H Bond Cleavage. *Angewandte Chemie - International Edition*, **2017**, 56, 5336-5340	16.4	51
55	Enantioselective Copper-Catalyzed Alkynylation of Benzylic C-H Bonds via Radical Relay. *Journal of the American Chemical Society*, **2020**, 142, 12493-12500	16.4	49
54	Advancements in Aminofluorination of Alkenes and Alkynes: Convenient Access to ╫Fluoroamines. *European Journal of Organic Chemistry*, **2015**, 2015, 4295-4309	3.2	49
53	One-pot synthesis of 1-(trifluoromethyl)-4-fluoro-1,2-dihydroisoquinolines and 4,4-difluoro-1,2,3,4-tetrahydroisoquinolines. *Organic Letters*, **2013**, 15, 6210-3	6.2	46
52	Recent Advances and Perspectives in Transition Metal-Catalyzed 1,4-Functionalizations of Unactivated 1,3-Enynes for the Synthesis of Allenes. *Chinese Journal of Chemistry*, **2020**, 38, 91-100	4.9	46
51	Palladium(II)-Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF as a Trifluoromethoxide Source. *Angewandte Chemie - International Edition*, **2019**, 58, 2392-2396	16.4	44

50	Asymmetric Coupling of Carbon-Centered Radicals Adjacent to Nitrogen: Copper-Catalyzed Cyanation and Etherification of Enamides. *Angewandte Chemie - International Edition*, **2020**, 59, 20439-20444	16.4	44
49	Palladium-Catalyzed Cascade C?H Trifluoroethylation of Aryl Iodides and Heck Reaction: Efficient Synthesis of ortho-Trifluoroethylstyrenes. *Angewandte Chemie*, **2014**, 126, 10338-10342	3.6	41
48	Protecting-group-free total synthesis of (+/-)-subincanadine F. *Journal of Organic Chemistry*, **2009**, 74, 7533-5	4.2	41
47	Total synthesis and absolute configuration determination of (+)-subincanadine F. *Chemical Communications*, **2010**, 46, 8436-8	5.8	40
46	Intermolecular Palladium-Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to ╫Fluorocarboxylic Esters. *Angewandte Chemie - International Edition*, **2017**, 56, 12692-12696	16.4	36
45	Palladium-Catalyzed Intermolecular Oxidative Diazidation of Alkenes. *Chinese Journal of Chemistry*, **2017**, 35, 876-880	4.9	32
44	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. *Angewandte Chemie - International Edition*, **2020**, 59, 17239-17244	16.4	32
43	Copper-Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF3-Substituted Azirines and Aziridines. *Angewandte Chemie*, **2015**, 127, 9488-9492	3.6	32
42	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. *Angewandte Chemie - International Edition*, **2016**, 55, 13843-13848	16.4	32
41	Recent Advances and Perspectives of Transition Metal-Catalyzed Asymmetric Fluorination Reactions. *Chinese Journal of Chemistry*, **2017**, 35, 1781-1788	4.9	30
40	Synthesis and structural revision of (+/-)-laurentristich-4-ol. *Journal of Organic Chemistry*, **2008**, 73, 339-41	4.2	28
39	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. *Angewandte Chemie - International Edition*, **2021**, 60, 6997-7001	16.4	25
38	Catalytic Oxidative Trifluoromethoxylation of Allylic C╪H Bonds Using a Palladium Catalyst. *Angewandte Chemie*, **2017**, 129, 9645-9649	3.6	24
37	Palladium-Catalyzed Oxidative Arylalkylation of Unactivated Alkenes: Dual C╪H Bond Cleavage of Anilines and Acetonitrile. *Synlett*, **2012**, 23, 2749-2752	2.2	22
36	Divergent Synthesis of CF3-Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. *Angewandte Chemie*, **2018**, 130, 7258-7263	3.6	21
35	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et NF?3 HF as a Fluoride Source. *Angewandte Chemie - International Edition*, **2020**, 59, 2735-2739	16.4	20
34	Enantioselective Palladium(II)-Catalyzed Intramolecular Aminoarylation of Alkenes by Dual N╪H and Aryl C╪H Bond Cleavage. *Angewandte Chemie*, **2017**, 129, 5420-5424	3.6	18
33	Copper-Catalyzed Regioselective Fluorination of Allylic Halides. *Angewandte Chemie*, **2013**, 125, 7697-7700	3.6	18

32	Pd(II)-Catalyzed Aminofluorination of Alkenes in Total Synthesis 6-(R)-Fluoroswainsonine and 5-(R)-Fluorofebrifugine. *Organic Letters*, **2016**, 18, 960-3	6.2	17
31	Copper-Catalyzed Asymmetric Cyanation of Alkenes via Carbonyl-Assisted Coupling of Alkyl-Substituted Carbon-Centered Radicals. *Organic Letters*, **2020**, 22, 6299-6303	6.2	17
30	Palladium-catalysed enantioselective diacetoxylation of terminal alkenes. *Nature Catalysis*, **2021**, 4, 172-179	36.3	16
29	Palladium-Catalyzed Intermolecular Azidocarbonylation of Alkenes via a Cooperative Strategy. *Journal of Organic Chemistry*, **2017**, 82, 11682-11690	4.2	15
28	Asymmetric Coupling of Carbon-Centered Radicals Adjacent to Nitrogen: Copper-Catalyzed Cyanation and Etherification of Enamides. *Angewandte Chemie*, **2020**, 132, 20619-20624	3.6	15
27	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. *Angewandte Chemie*, **2016**, 128, 14047-14052	3.6	15
26	Palladium(II)-Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF3 as a Trifluoromethoxide Source. *Angewandte Chemie*, **2019**, 131, 2414-2418	3.6	14
25	Palladium(II)-Catalyzed Aminotrifluoromethoxylation of Alkenes: Mechanistic Insight into the Effect of N-Protecting Groups. *Chinese Journal of Chemistry*, **2020**, 38, 346-350	4.9	12
24	Decarboxylative Fluorination of Arylcarboxylic Acids Promoted by ortho-Hydroxy and Amino Groups. *Chinese Journal of Chemistry*, **2018**, 36, 507-514	4.9	12
23	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. *Angewandte Chemie*, **2016**, 128, 12061-12065	3.6	12
22	Iodine(III) reagent (ABXN3)-induced intermolecular anti-Markovnikov hydroazidation of unactivated alkenes. *Science China Chemistry*, **2019**, 62, 1537-1541	7.9	12
21	Intermolecular Palladium-Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to Fluorocarboxylic Esters. *Angewandte Chemie*, **2017**, 129, 12866-12870	3.6	12
20	Palladium-Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. *Angewandte Chemie - International Edition*, **2018**, 57, 15871-15876	16.4	12
19	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. *Angewandte Chemie*, **2020**, 132, 17392-17397	3.6	11
18	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et4NF?3 HF as a Fluoride Source. *Angewandte Chemie*, **2020**, 132, 2757-2761	3.6	11
17	Pd-catalyzed intramolecular aminofluorination of allylic sulfamides. *Chinese Journal of Catalysis*, **2015**, 36, 40-47	11.3	10
16	AgF-Mediated Dialkylation of Activate Alkenes: An Efficient Access to Nitrile-Containing Spirooxindoles. *Chinese Journal of Chemistry*, **2014**, 32, 681-684	4.9	9
15	Copper-Catalyzed Benzylic CH Bond Thiocyanation: Enabling Late-Stage Diversifications. *CCS Chemistry*, **2021**, 3, 1884-1893	7.2	9

14	Enantioselective Arylcyanation of Styrenes via Copper-Catalyzed Radical Relay *Chinese Journal of Chemistry*, **2021**, 39, 50-54	4.9	9
13	Enantioselective Arylation of Benzylic C H Bonds by Copper-Catalyzed Radical Relay. *Angewandte Chemie*, **2019**, 131, 6491-6495	3.6	8
12	Ligand-Controlled Regioselective Pd-Catalyzed Diamination of Alkenes. *Organic Letters*, **2020**, 22, 9371-9375	3.6	8
11	Enantioselective Copper-Catalyzed Radical Cyanation of Propargylic C-H Bonds: Easy Access to Chiral Allenyl Nitriles. *Journal of the American Chemical Society*, **2021**, 143, 14451-14457	16.4	8
10	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. *Angewandte Chemie*, **2021**, 133, 7073-7077	3.6	7
9	Asymmetric Palladium-Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to Hydroxy Alkylcarboxylic Acids. *Angewandte Chemie - International Edition*, **2021**, 60, 14881-14886	16.4	6
8	Enantioselective Intermolecular Aminoalkynylation of Styrenes via Copper-Catalyzed Radical Relay. *Organic Letters*, **2021**, 23, 129-134	6.2	6
7	Palladium-Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. *Angewandte Chemie*, **2018**, 130, 16097-16102	3.6	6
6	Catalytic remote hydrohalogenation of internal alkenes.. *Nature Chemistry*, **2022**,	17.6	5
5	Copper-mediated intramolecular aminofluorination of 1,3-dienes by using nucleophilic fluorine reagents. *Chemical Communications*, **2018**, 54, 8709-8712	5.8	4
4	Copper-Catalyzed Enantioselective Radical Chlorination of Alkenes. *ACS Catalysis*,5284-5291	13.1	4
3	Copper-catalysed asymmetric radical cyanation **2022**, 1, 107-116		3
2	Asymmetric Palladium-Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to Hydroxy Alkylcarboxylic Acids. *Angewandte Chemie*, **2021**, 133, 15007-15012	3.6	0
1	Bifunctionalization-Based Catalytic Fluorination and Trifluoromethylation **2021**, 173-199		