

Pinhong Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Catalytic remote hydrohalogenation of internal alkenes.. <i>Nature Chemistry</i> , 2022 ,	17.6	5
84	Copper-catalysed asymmetric radical cyanation 2022 , 1, 107-116		3
83	Asymmetric Palladium-Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to β -Hydroxy Alkylcarboxylic Acids. <i>Angewandte Chemie</i> , 2021 , 133, 15007-15012	3.6	0
82	Asymmetric Palladium-Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to β -Hydroxy Alkylcarboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14881-14886	16.4	6
81	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6997-7001	16.4	25
80	Enantioselective Intermolecular Aminoalkynylation of Styrenes via Copper-Catalyzed Radical Relay. <i>Organic Letters</i> , 2021 , 23, 129-134	6.2	6
79	Bifunctionalization-Based Catalytic Fluorination and Trifluoromethylation 2021 , 173-199		
78	Palladium-catalysed enantioselective diacetoxylation of terminal alkenes. <i>Nature Catalysis</i> , 2021 , 4, 172-179	16.4	16
77	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie</i> , 2021 , 133, 7073-7077	3.6	7
76	Copper-Catalyzed Benzylic C-H Bond Thiocyanation: Enabling Late-Stage Diversifications. <i>CCS Chemistry</i> , 2021 , 3, 1884-1893	7.2	9
75	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	16.4	8
74	Enantioselective Arylcyanation of Styrenes via Copper-Catalyzed Radical Relay <i>Chinese Journal of Chemistry</i> , 2021 , 39, 50-54	4.9	9
73	Enantioselective Copper-Catalyzed Alkynylation of Benzylic C-H Bonds via Radical Relay. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12493-12500	16.4	49
72	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17239-17244	16.4	32
71	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2020 , 132, 17392-17397	3.6	11
70	Palladium(II)-Catalyzed Aminotrifluoromethoxylation of Alkenes: Mechanistic Insight into the Effect of N-Protecting Groups. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 346-350	4.9	12
69	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	4.9	46

68	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et ₄ NF ₃ HF as a Fluoride Source. <i>Angewandte Chemie</i> , 2020 , 132, 2757-2761	3.6	11
67	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et NF ₃ HF as a Fluoride Source. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2735-2739	16.4	20
66	Ligand-Controlled Regioselective Pd-Catalyzed Diamination of Alkenes. <i>Organic Letters</i> , 2020 , 22, 9371-9375	3.6	8
65	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	16.4	44
64	Copper-Catalyzed Asymmetric Cyanation of Alkenes via Carbonyl-Assisted Coupling of Alkyl-Substituted Carbon-Centered Radicals. <i>Organic Letters</i> , 2020 , 22, 6299-6303	6.2	17
63	Asymmetric Coupling of Carbon-Centered Radicals Adjacent to Nitrogen: Copper-Catalyzed Cyanation and Etherification of Enamides. <i>Angewandte Chemie</i> , 2020 , 132, 20619-20624	3.6	15
62	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	16.4	73
61	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	16.4	44
60	Palladium(II)-Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF ₃ as a Trifluoromethoxide Source. <i>Angewandte Chemie</i> , 2019 , 131, 2414-2418	3.6	14
59	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. <i>Angewandte Chemie</i> , 2019 , 131, 6491-6495	3.6	8
58	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6425-6429	16.4	56
57	Iodine(III) reagent (ABX ₃)-induced intermolecular anti-Markovnikov hydroazidation of unactivated alkenes. <i>Science China Chemistry</i> , 2019 , 62, 1537-1541	7.9	12
56	Site-specific allylic C-H bond functionalization with a copper-bound N-centred radical. <i>Nature</i> , 2019 , 574, 516-521	50.4	105
55	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	16.4	82
54	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	3.6	21
53	Decarboxylative Fluorination of Arylcarboxylic Acids Promoted by ortho-Hydroxy and Amino Groups. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 507-514	4.9	12
52	Palladium-Catalyzed Intermolecular Ditrifluoromethoxylation of Unactivated Alkenes: CFO-Palladation Initiated by Pd(IV). <i>Journal of the American Chemical Society</i> , 2018 , 140, 1207-1210	16.4	73
51	Copper-mediated intramolecular aminofluorination of 1,3-dienes by using nucleophilic fluorine reagents. <i>Chemical Communications</i> , 2018 , 54, 8709-8712	5.8	4

50	Enantioselective Trifluoromethylalkynylation of Alkenes via Copper-Catalyzed Radical Relay. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10965-10969	16.4	99
49	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	16.4	12
48	Palladium-Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. <i>Angewandte Chemie</i> , 2018 , 130, 16097-16102	3.6	6
47	Copper-Catalyzed Radical Relay for Asymmetric Radical Transformations. <i>Accounts of Chemical Research</i> , 2018 , 51, 2036-2046	24.3	261
46	Recent advances in hypervalent iodine(III)-catalyzed functionalization of alkenes. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 1813-1825	2.5	70
45	Enantioselective Pd(II)-Catalyzed Intramolecular Oxidative 6-endo Aminoacetoxylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7415-7419	16.4	52
44	Asymmetric Cu-Catalyzed Intermolecular Trifluoromethylarylation of Styrenes: Enantioselective Arylation of Benzylic Radicals. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2904-2907	16.4	190
43	Palladium-Catalyzed Intermolecular Oxidative Diazidation of Alkenes. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 876-880	4.9	32
42	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	3.6	18
41	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	16.4	146
40	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	16.4	97
39	Catalytic Oxidative Trifluoromethoxylation of Allylic C-H Bonds Using a Palladium Catalyst. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9517-9521	16.4	52
38	Catalytic Oxidative Trifluoromethoxylation of Allylic C-H Bonds Using a Palladium Catalyst. <i>Angewandte Chemie</i> , 2017 , 129, 9645-9649	3.6	24
37	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	16.4	51
36	Enantioselective Decarboxylative Cyanation Employing Cooperative Photoredox Catalysis and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15632-15635	16.4	183
35	Palladium-Catalyzed Intermolecular Azidocarbonylation of Alkenes via a Cooperative Strategy. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11682-11690	4.2	15
34	Recent Advances and Perspectives of Transition Metal-Catalyzed Asymmetric Fluorination Reactions. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1781-1788	4.9	30
33	Intermolecular Palladium-Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to α -fluorocarboxylic Esters. <i>Angewandte Chemie</i> , 2017 , 129, 12866-12870	3.6	12

32	Intermolecular Palladium-Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to β -Fluorocarboxylic Esters. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12692-12696	16.4	36
31	Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. <i>Science</i> , 2016 , 353, 1014-1018	33.3	347
30	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. <i>Angewandte Chemie</i> , 2016 , 128, 12061-12065	3.6	12
29	Enantioselective Copper-Catalyzed Intermolecular Cyanotrifluoromethylation of Alkenes via Radical Process. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15547-15550	16.4	229
28	Pd(II)-Catalyzed Aminofluorination of Alkenes in Total Synthesis 6-(R)-Fluoroswainsonine and 5-(R)-Fluorofebrifugine. <i>Organic Letters</i> , 2016 , 18, 960-3	6.2	17
27	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. <i>Angewandte Chemie</i> , 2016 , 128, 14047-14052	3.6	15
26	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	16.4	32
25	Copper-Catalyzed Intermolecular Trifluoromethylazidation and Trifluoromethylthiocyanation of Alkenes: Efficient Access to CF ₃ -Containing Allyl Azides and Thiocyanates. <i>Organic Letters</i> , 2015 , 17, 3580-3	6.2	66
24	Palladium-catalyzed intramolecular aminoacetoxylation of unactivated alkenes with hydrogen peroxide as oxidant. <i>Organic Letters</i> , 2015 , 17, 1485-8	6.2	52
23	Copper-Catalyzed Intermolecular Trifluoromethylthiocyanation of Alkenes: Convenient Access to CF ₃ -Containing Alkyl Thiocyanates. <i>Organic Letters</i> , 2015 , 17, 2438-41	6.2	90
22	Copper-Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF ₃ -Substituted Azirines and Aziridines. <i>Angewandte Chemie</i> , 2015 , 127, 9488-9492	3.6	32
21	Advancements in Aminofluorination of Alkenes and Alkynes: Convenient Access to β -Fluoroamines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4295-4309	3.2	49
20	Copper-Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF ₃ -Substituted Azirines and Aziridines. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9356-60	16.4	111
19	Palladium-Catalyzed Intramolecular Aminotrifluoromethoxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15648-51	16.4	117
18	Palladium-catalyzed intermolecular aminocarbonylation of alkenes: efficient access of β -amino acid derivatives. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2480-3	16.4	112
17	Pd-catalyzed intramolecular aminofluorination of allylic sulfamides. <i>Chinese Journal of Catalysis</i> , 2015 , 36, 40-47	11.3	10
16	Copper-catalyzed intermolecular trifluoromethylazidation of alkenes: convenient access to CF ₃ -containing alkyl azides. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1881-6	16.4	256
15	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, 1766-9	16.4	97

14	Copper-Catalyzed Intermolecular Trifluoromethylazidation of Alkenes: Convenient Access to CF ₃ -Containing Alkyl Azides. <i>Angewandte Chemie</i> , 2014 , 126, 1912-1917	3.6	73
13	AgF-Mediated Dialkylation of Activate Alkenes: An Efficient Access to Nitrile-Containing Spirooxindoles. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 681-684	4.9	9
12	Palladium-Catalyzed Cascade C-H Trifluoroethylation of Aryl Iodides and Heck Reaction: Efficient Synthesis of ortho-Trifluoroethylstyrenes. <i>Angewandte Chemie</i> , 2014 , 126, 10338-10342	3.6	41
11	Copper-catalyzed fluorination of 2-pyridyl aryl bromides. <i>Chemical Science</i> , 2014 , 5, 275-280	9.4	75
10	Regioselective palladium-catalyzed intramolecular oxidative aminofluorination of unactivated alkenes. <i>Chemical Communications</i> , 2013 , 49, 8707-9	5.8	59
9	Recent Advances in Transition-Metal-Catalyzed Trifluoromethylation and Related Transformations. <i>Synthesis</i> , 2013 , 45, 2919-2939	2.9	173
8	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	13.1	62
7	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, 6210-3	6.2	46
6	Copper-Catalyzed Regioselective Fluorination of Allylic Halides. <i>Angewandte Chemie</i> , 2013 , 125, 7697-7706	13.1	18
5	Palladium-Catalyzed Oxidative Arylalkylation of Unactivated Alkenes: Dual C=C Bond Cleavage of Anilines and Acetonitrile. <i>Synlett</i> , 2012 , 23, 2749-2752	2.2	22
4	Total synthesis and absolute configuration determination of (+)-subincanadine F. <i>Chemical Communications</i> , 2010 , 46, 8436-8	5.8	40
3	Protecting-group-free total synthesis of (+/-)-subincanadine F. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7533-5	4.2	41
2	Synthesis and structural revision of (+/-)-laurentristich-4-ol. <i>Journal of Organic Chemistry</i> , 2008 , 73, 339-41	4.2	28
1	Copper-Catalyzed Enantioselective Radical Chlorination of Alkenes. <i>ACS Catalysis</i> , 5284-5291	13.1	4