

Pinhong Chen

List of Publications by Year in descending order

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86
papers

6,594
citations

53660

45
h-index

64668

79
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92
all docs

92
docs citations

92
times ranked

3307
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. <i>Science</i> , 2016, 353, 1014-1018.	6.0	496
2	Copper-Catalyzed Radical Relay for Asymmetric Radical Transformations. <i>Accounts of Chemical Research</i> , 2018, 51, 2036-2046.	7.6	422
3	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
4	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
5	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
6	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
7	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
8	Recent Advances in Transition-Metal-Catalyzed Trifluoromethylation and Related Transformations. <i>Synthesis</i> , 2013, 45, 2919-2939.	1.2	188
9	Site-specific allylic C-H bond functionalization with a copper-bound N-centred radical. <i>Nature</i> , 2019, 574, 516-521.	13.7	188
10	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
11	Palladium-Catalyzed Intramolecular Aminotrifluoromethoxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 15648-15651.	6.6	140
12	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
13	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
14	Copper-catalyzed radical relay in C(sp ³)-H functionalization. <i>Chemical Society Reviews</i> , 2022, 51, 1640-1658.	18.7	133
15	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
16	Enantioselective Trifluoromethylalkynylation of Alkenes via Copper-Catalyzed Radical Relay. <i>Journal of the American Chemical Society</i> , 2018, 140, 10965-10969.	6.6	128
17	Palladium-Catalyzed Intermolecular Aminocarbonylation of Alkenes: Efficient Access of \hat{I}^2 -Amino Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2015, 137, 2480-2483.	6.6	127
18	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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19	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
20	Recent advances in hypervalent iodine(III)-catalyzed functionalization of alkenes. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1813-1825.	1.3	111
21	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
22	Copper-catalyzed fluorination of 2-pyridyl aryl bromides. <i>Chemical Science</i> , 2014, 5, 275-280.	3.7	98
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Regioselective palladium-catalyzed intramolecular oxidative aminofluorination of unactivated alkenes. <i>Chemical Communications</i> , 2013, 49, 8707.	2.2	69
32	Advancements in Aminofluorination of Alkenes and Alkynes: Convenient Access to β -Fluoroamines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4295-4309.	1.2	68
33	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
34	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
35	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
36	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17239-17244.	7.2	60

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37	Palladium-Catalyzed Intramolecular Aminoacetoxylation of Unactivated Alkenes with Hydrogen Peroxide as Oxidant. <i>Organic Letters</i> , 2015, 17, 1485-1488.	2.4	58
38	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
39	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
40	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6997-7001.	7.2	50
41	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
42	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
43	Protecting-Group-Free Total Synthesis of (\pm)-Subincanadine F. <i>Journal of Organic Chemistry</i> , 2009, 74, 7533-7535.	1.7	46
44	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
45	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et ₄ NF ₃ ·HF as a Fluoride Source. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2735-2739.	7.2	45
46	Total synthesis and absolute configuration determination of (+)-subincanadine F. <i>Chemical Communications</i> , 2010, 46, 8436.	2.2	44
47	Palladium-Catalyzed Intermolecular Oxidative Diazidation of Alkenes. <i>Chinese Journal of Chemistry</i> , 2017, 35, 876-880.	2.6	44
48	Copper-catalysed asymmetric radical cyanation. , 2022, 1, 107-116.		40
49	Palladium-catalysed enantioselective diacetoxylation of terminal alkenes. <i>Nature Catalysis</i> , 2021, 4, 172-179.	16.1	38
50	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
51	Recent Advances and Perspectives of Transition Metal-Catalyzed Asymmetric Fluorination Reactions. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1781-1788.	2.6	35
52	Synthesis and Structural Revision of (\pm)-Laurentristich-4-ol. <i>Journal of Organic Chemistry</i> , 2008, 73, 339-341.	1.7	34
53	Enantioselective Arylcyanation of Styrenes via Copper-Catalyzed Radical Relay. <i>Chinese Journal of Chemistry</i> , 2021, 39, 50-54.	2.6	28
54	Catalytic Oxidative Trifluoromethoxylation of Allylic C-H Bonds Using a Palladium Catalyst. <i>Angewandte Chemie</i> , 2017, 129, 9645-9649.	1.6	27

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55	Palladium-Catalyzed Intermolecular Azidocarbonylation of Alkenes via a Cooperative Strategy. <i>Journal of Organic Chemistry</i> , 2017, 82, 11682-11690.	1.7	27
56	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
57	Copper-Catalyzed Benzylic C-H Bond Thiocyanation: Enabling Late-Stage Diversifications. <i>CCS Chemistry</i> , 2021, 3, 1884-1893.	4.6	26
58	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
59	Iodine(III) reagent (ABX ⁺ N ₃)-induced intermolecular anti-Markovnikov hydroazidation of unactivated alkenes. <i>Science China Chemistry</i> , 2019, 62, 1537-1541.	4.2	23
60	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
61	Catalytic remote hydrohalogenation of internal alkenes. <i>Nature Chemistry</i> , 2022, 14, 425-432.	6.6	22
62	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
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.	1.6	21
64	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
65	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
66	Palladium(II)-Catalyzed Aminotrifluoromethoxylation of Alkenes: Mechanistic Insight into the Effect of <i>ortho</i> -Protecting Groups. <i>Chinese Journal of Chemistry</i> , 2020, 38, 346-350.	2.6	20
67	Ligand-Controlled Regioselective Pd-Catalyzed Diamination of Alkenes. <i>Organic Letters</i> , 2020, 22, 9371-9375.	2.4	19
68	Copper-Catalyzed Enantioselective Radical Chlorination of Alkenes. <i>ACS Catalysis</i> , 2022, 12, 5284-5291.	5.5	18
69	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
70	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
71	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
72	Enantioselective Palladium(II)-Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et ₄ NF ₃ ·3HF as a Fluoride Source. <i>Angewandte Chemie</i> , 2020, 132, 2757-2761.	1.6	16

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73	Palladium(II)-Catalyzed Enantioselective Azidation of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2020, 132, 17392-17397.	1.6	15
74	Pd-catalyzed intramolecular aminofluorination of allylic sulfamides. <i>Chinese Journal of Catalysis</i> , 2015, 36, 40-47.	6.9	13
75	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. <i>Angewandte Chemie</i> , 2016, 128, 12061-12065.	1.6	13
76	Enantioselective Arylation of Benzylic C-H Bonds by Copper-Catalyzed Radical Relay. <i>Angewandte Chemie</i> , 2019, 131, 6491-6495.	1.6	13
77	Ag-F-Mediated Dialkylation of Activate Alkenes: An Efficient Access to Nitrile-Containing Spirooxindoles. <i>Chinese Journal of Chemistry</i> , 2014, 32, 681-684.	2.6	12
78	Asymmetric Alkynylation of Tertiary Carbon-Centered Radical via Copper-Catalyzed Radical Relay. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1699-1704.	2.6	12
79	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
80	Enantioselective Intermolecular Aminoalkynylation of Styrenes via Copper-Catalyzed Radical Relay. <i>Organic Letters</i> , 2021, 23, 129-134.	2.4	11
81	Palladium(II)-Catalyzed Enantioselective Hydroxyoxygenation of Unactivated Terminal Alkenes. <i>Journal of the American Chemical Society</i> , 2022, 144, 7972-7977.	6.6	11
82	Anionic Bisoxazoline Ligands Enable Copper-Catalyzed Asymmetric Radical Azidation of Acrylamides. <i>Angewandte Chemie</i> , 2021, 133, 7073-7077.	1.6	7
83	Palladium-catalyzed intermolecular alkynylcarbonylation of unactivated alkenes: easy access to β -alkynylcarboxylic esters. <i>Chemical Communications</i> , 2022, 58, 2544-2547.	2.2	5
84	Copper-mediated intramolecular aminofluorination of 1,3-dienes by using nucleophilic fluorine reagents. <i>Chemical Communications</i> , 2018, 54, 8709-8712.	2.2	4
85	Asymmetric Palladium-Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to β -Hydroxy Alkylcarboxylic Acids. <i>Angewandte Chemie</i> , 2021, 133, 15007-15012.	1.6	3
86	Palladium-Catalyzed Intermolecular Carbonylation-Based Difunctionalization of Alkenes. <i>Synlett</i> , 0, 33, .	1.0	3