Pinhong Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/23057/publications.pdf

Version: 2024-02-01

86	6,594	53660 45	64668 79
papers	citations	h-index	g-index

92	92	92	3307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic remote hydrohalogenation of internal alkenes. Nature Chemistry, 2022, 14, 425-432.	6.6	22
2	Copper-catalysed asymmetric radical cyanation. , 2022, 1, 107-116.		40
3	Palladium-catalyzed intermolecular alkynylcarbonylation of unactivated alkenes: easy access to Î²-alkynylcarboxylic esters. Chemical Communications, 2022, 58, 2544-2547.	2.2	5
4	Copper-catalyzed radical relay in C(sp³)â€“H functionalization. Chemical Society Reviews, 2022, 51, 1640-1658.	18.7	133
5	Asymmetric Alkynylation of Tertiary <scp>Carbonâ€Centered</scp> Radical via <scp>Copperâ€Catalyzed</scp> Radical Relay. Chinese Journal of Chemistry, 2022, 40, 1699-1704.	2.6	12
6	Copper-Catalyzed Enantioselective Radical Chlorination of Alkenes. ACS Catalysis, 2022, 12, 5284-5291.	5.5	18
7	Palladium(II)-Catalyzed Enantioselective Hydrooxygenation of Unactivated Terminal Alkenes. Journal of the American Chemical Society, 2022, 144, 7972-7977.	6.6	11
8	Anionic Bisoxazoline Ligands Enable Copperâ€Catalyzed Asymmetric Radical Azidation of Acrylamides. Angewandte Chemie - International Edition, 2021, 60, 6997-7001.	7.2	50
9	Enantioselective Intermolecular Aminoalkynylation of Styrenes via Copper-Catalyzed Radical Relay. Organic Letters, 2021, 23, 129-134.	2.4	11
10	Palladium-catalysed enantioselective diacetoxylation of terminal alkenes. Nature Catalysis, 2021, 4, 172-179.	16.1	38
11	Anionic Bisoxazoline Ligands Enable Copperâ€Catalyzed Asymmetric Radical Azidation of Acrylamides. Angewandte Chemie, 2021, 133, 7073-7077.	1.6	7
12	Asymmetric Palladiumâ€Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to Î²â€Hydroxy Alkylcarboxylic Acids. Angewandte Chemie, 2021, 133, 15007-15012.	1.6	3
13	Asymmetric Palladiumâ€Catalyzed Oxycarbonylation of Terminal Alkenes: Efficient Access to Î²â€Hydroxy Alkylcarboxylic Acids. Angewandte Chemie - International Edition, 2021, 60, 14881-14886.	7.2	22
14	Copper-Catalyzed Benzylic Câ€“H Bond Thiocyanation: Enabling Late-Stage Diversifications. CCS Chemistry, 2021, 3, 1884-1893.	4.6	26
15	Enantioselective Copper-Catalyzed Radical Cyanation of Propargylic Câ€“H Bonds: Easy Access to Chiral Allenyl Nitriles. Journal of the American Chemical Society, 2021, 143, 14451-14457.	6.6	49
16	Enantioselective Arylcyanation of Styrenes via<scp>Copperâ€Catalyzed</scp> Radical Relay^{â€}. Chinese Journal of Chemistry, 2021, 39, 50-54.	2.6	28
17	Recent Advances and Perspectives in Transition Metalâ€Catalyzed 1,4â€Functionalizations of Unactivated 1,3â€Enynes for the Synthesis of Allenes. Chinese Journal of Chemistry, 2020, 38, 91-100.	2.6	130
18	Enantioselective Palladium(II)â€Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et 4 NFâ‹…3â€‰HF as a Fluoride Source. Angewandte Chemie, 2020, 132, 2757-2761.	1.6	16

#	Article	IF	Citations
19	Enantioselective Palladium(II)â€Catalyzed Oxidative Aminofluorination of Unactivated Alkenes with Et₄NFâ‹…3â€‰HF as a Fluoride Source. Angewandte Chemie - International Edition, 2020, 59, 2735-2739.	7.2	45
20	Ligand-Controlled Regioselective Pd-Catalyzed Diamination of Alkenes. Organic Letters, 2020, 22, 9371-9375.	2.4	19
21	Asymmetric Coupling of Carbonâ€Centered Radicals Adjacent to Nitrogen: Copperâ€Catalyzed Cyanation and Etherification of Enamides. Angewandte Chemie - International Edition, 2020, 59, 20439-20444.	7.2	68
22	Copper-Catalyzed Asymmetric Cyanation of Alkenes via Carbonyl-Assisted Coupling of Alkyl-Substituted Carbon-Centered Radicals. Organic Letters, 2020, 22, 6299-6303.	2.4	36
23	Asymmetric Coupling of Carbonâ€Centered Radicals Adjacent to Nitrogen: Copperâ€Catalyzed Cyanation and Etherification of Enamides. Angewandte Chemie, 2020, 132, 20619-20624.	1.6	21
24	Enantioselective Copper-Catalyzed Alkynylation of Benzylic Câ€“H Bonds via Radical Relay. Journal of the American Chemical Society, 2020, 142, 12493-12500.	6.6	90
25	Palladium(II)â€Catalyzed Enantioselective Azidation of Unactivated Alkenes. Angewandte Chemie - International Edition, 2020, 59, 17239-17244.	7.2	60
26	Palladium(II)â€Catalyzed Enantioselective Azidation of Unactivated Alkenes. Angewandte Chemie, 2020, 132, 17392-17397.	1.6	15
27	Palladium(II)â€Catalyzed Aminotrifluoromethoxylation of Alkenes: Mechanistic Insight into the Effect of Nâ€Protecting Groups. Chinese Journal of Chemistry, 2020, 38, 346-350.	2.6	20
28	Iodine(III) reagent (ABXâ€”N3)-induced intermolecular anti-Markovnikov hydroazidation of unactivated alkenes. Science China Chemistry, 2019, 62, 1537-1541.	4.2	23
29	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.	6.6	101
30	Palladium(II)â€Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF₃ as a Trifluoromethoxide Source. Angewandte Chemie - International Edition, 2019, 58, 2392-2396.	7.2	63
31	Palladium(II)â€Catalyzed Enantioselective Aminotrifluoromethoxylation of Unactivated Alkenes using CsOCF₃ as a Trifluoromethoxide Source. Angewandte Chemie, 2019, 131, 2414-2418.	1.6	16
32	Enantioselective Arylation of Benzylic Cå^'H Bonds by Copperâ€Catalyzed Radical Relay. Angewandte Chemie, 2019, 131, 6491-6495.	1.6	13
33	Enantioselective Arylation of Benzylic Cå^'H Bonds by Copperâ€Catalyzed Radical Relay. Angewandte Chemie - International Edition, 2019, 58, 6425-6429.	7.2	92
34	Site-specific allylic Câ€“H bond functionalization with a copper-bound N-centred radical. Nature, 2019, 574, 516-521.	13.7	188
35	Divergent Synthesis of CF₃â€Substituted Allenyl Nitriles by Ligandâ€Controlled Radical 1,2â€• and 1,4â€Addition to 1,3â€Enynes. Angewandte Chemie - International Edition, 2018, 57, 7140-7145.	7.2	141
36	Divergent Synthesis of CF₃â€Substituted Allenyl Nitriles by Ligandâ€Controlled Radical 1,2â€• and 1,4â€Addition to 1,3â€Enynes. Angewandte Chemie, 2018, 130, 7258-7263.	1.6	84

#	Article	IF	Citations
37	Decarboxylative Fluorination of Arylcarboxylic Acids Promoted by orthoâ€Hydroxy and Amino Groups. Chinese Journal of Chemistry, 2018, 36, 507-514.	2.6	17
38	Palladium-Catalyzed Intermolecular Ditrifluoromethoxylation of Unactivated Alkenes: CF₃O-Palladation Initiated by Pd(IV). Journal of the American Chemical Society, 2018, 140, 1207-1210.	6.6	88
39	Palladiumâ€Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. Angewandte Chemie - International Edition, 2018, 57, 15871-15876.	7.2	25
40	Palladiumâ€Catalyzed Intermolecular Arylcarbonylation of Unactivated Alkenes: Incorporation of Bulky Aryl Groups at Room Temperature. Angewandte Chemie, 2018, 130, 16097-16102.	1.6	11
41	Copper-Catalyzed Radical Relay for Asymmetric Radical Transformations. Accounts of Chemical Research, 2018, 51, 2036-2046.	7.6	422
42	Recent advances in hypervalent iodine(III)-catalyzed functionalization of alkenes. Beilstein Journal of Organic Chemistry, 2018, 14, 1813-1825.	1.3	111
43	Enantioselective Pd(II)-Catalyzed Intramolecular Oxidative 6-endoAminoacetoxylation of Unactivated Alkenes. Journal of the American Chemical Society, 2018, 140, 7415-7419.	6.6	75
44	Copper-mediated intramolecular aminofluorination of 1,3-dienes by using nucleophilic fluorine reagents. Chemical Communications, 2018, 54, 8709-8712.	2.2	4
45	Enantioselective Trifluoromethylalkynylation of Alkenes via Copper-Catalyzed Radical Relay. Journal of the American Chemical Society, 2018, 140, 10965-10969.	6.6	128
46	Asymmetric Cu-Catalyzed Intermolecular Trifluoromethylarylation of Styrenes: Enantioselective Arylation of Benzylic Radicals. Journal of the American Chemical Society, 2017, 139, 2904-2907.	6.6	226
47	Palladiumâ€Catalyzed Intermolecular Oxidative Diazidation of Alkenes. Chinese Journal of Chemistry, 2017, 35, 876-880.	2.6	44
48	Enantioselective Palladium(II)â€Catalyzed Intramolecular Aminoarylation of Alkenes by Dual Nâˆ'H and Aryl Câˆ'H Bond Cleavage. Angewandte Chemie, 2017, 129, 5420-5424.	1.6	20
49	Asymmetric Copper-Catalyzed Intermolecular Aminoarylation of Styrenes: Efficient Access to Optical 2,2-Diarylethylamines. Journal of the American Chemical Society, 2017, 139, 6811-6814.	6.6	196
50	Copper-Catalyzed Arylation of Benzylic Câ€"H bonds with Alkylarenes as the Limiting Reagents. Journal of the American Chemical Society, 2017, 139, 7709-7712.	6.6	134
51	Catalytic Oxidative Trifluoromethoxylation of Allylic Câˆ'H Bonds Using a Palladium Catalyst. Angewandte Chemie - International Edition, 2017, 56, 9517-9521.	7.2	65
52	Catalytic Oxidative Trifluoromethoxylation of Allylic Câˆ'H Bonds Using a Palladium Catalyst. Angewandte Chemie, 2017, 129, 9645-9649.	1.6	27
53	Enantioselective Palladium(II)â€Catalyzed Intramolecular Aminoarylation of Alkenes by Dual Nâˆ'H and Aryl Câˆ'H Bond Cleavage. Angewandte Chemie - International Edition, 2017, 56, 5336-5340.	7.2	76
54	Enantioselective Decarboxylative Cyanation Employing Cooperative Photoredox Catalysis and Copper Catalysis. Journal of the American Chemical Society, 2017, 139, 15632-15635.	6.6	252

#	Article	IF	Citations
55	Palladium-Catalyzed Intermolecular Azidocarbonylation of Alkenes via a Cooperative Strategy. Journal of Organic Chemistry, 2017, 82, 11682-11690.	1.7	27
56	Recent Advances and Perspectives of Transition Metalâ€Catalyzed Asymmetric Fluorination Reactions. Chinese Journal of Chemistry, 2017, 35, 1781-1788.	2.6	35
57	Intermolecular Palladiumâ€Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to Î²â€Fluorocarboxylic Esters. Angewandte Chemie, 2017, 129, 12866-12870.	1.6	16
58	Intermolecular Palladiumâ€Catalyzed Oxidative Fluorocarbonylation of Unactivated Alkenes: Efficient Access to Î²â€Fluorocarboxylic Esters. Angewandte Chemie - International Edition, 2017, 56, 12692-12696.	7.2	55
59	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. Angewandte Chemie, 2016, 128, 14047-14052.	1.6	21
60	A Cooperative Strategy for the Highly Selective Intermolecular Oxycarbonylation Reaction of Alkenes using a Palladium Catalyst. Angewandte Chemie - International Edition, 2016, 55, 13843-13848.	7.2	51
61	Enantioselective cyanation of benzylic Câ€“H bonds via copper-catalyzed radical relay. Science, 2016, 353, 1014-1018.	6.0	496
62	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. Angewandte Chemie, 2016, 128, 12061-12065.	1.6	13
63	Enantioselective Copper-Catalyzed Intermolecular Cyanotrifluoromethylation of Alkenes via Radical Process. Journal of the American Chemical Society, 2016, 138, 15547-15550.	6.6	267
64	Pd(II)-Catalyzed Aminofluorination of Alkenes in Total Synthesis 6-(R)-Fluoroswainsonine and 5-(R)-Fluorofebrifugine. Organic Letters, 2016, 18, 960-963.	2.4	20
65	Advancements in Aminofluorination of Alkenes and Alkynes: Convenient Access to Î²â€Fluoroamines. European Journal of Organic Chemistry, 2015, 2015, 4295-4309.	1.2	68
66	Copperâ€Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF₃â€Substituted Azirines and Aziridines. Angewandte Chemie - International Edition, 2015, 54, 9356-9360.	7.2	135
67	Palladium-Catalyzed Intramolecular Aminotrifluoromethoxylation of Alkenes. Journal of the American Chemical Society, 2015, 137, 15648-15651.	6.6	140
68	Palladium-Catalyzed Intermolecular Aminocarbonylation of Alkenes: Efficient Access of Î²-Amino Acid Derivatives. Journal of the American Chemical Society, 2015, 137, 2480-2483.	6.6	127
69	Pd-catalyzed intramolecular aminofluorination of allylic sulfamides. Chinese Journal of Catalysis, 2015, 36, 40-47.	6.9	13
70	Copper-Catalyzed Intermolecular Trifluoromethylazidation and Trifluoromethylthiocyanation of Allenes: Efficient Access to CF₃-Containing Allyl Azides and Thiocyanates. Organic Letters, 2015, 17, 3580-3583.	2.4	80
71	Palladium-Catalyzed Intramolecular Aminoacetoxylation of Unactivated Alkenes with Hydrogen Peroxide as Oxidant. Organic Letters, 2015, 17, 1485-1488.	2.4	58
72	Copper-Catalyzed Intermolecular Trifluoromethylthiocyanation of Alkenes: Convenient Access to CF₃-Containing Alkyl Thiocyanates. Organic Letters, 2015, 17, 2438-2441.	2.4	111

#	Article	IF	Citations
73	AgFâ€Mediated Dialkylation of Activate Alkenes: An Efficient Access to Nitrileâ€Containing Spirooxindoles. Chinese Journal of Chemistry, 2014, 32, 681-684.	2.6	12
74	Palladiumâ€Catalyzed Cascade Cï£¿H Trifluoroethylation of Aryl Iodides and Heck Reaction: Efficient Synthesis of orthoâ€Trifluoroethylstyrenes. Angewandte Chemie, 2014, 126, 10338-10342.	1.6	45
75	Copper-catalyzed fluorination of 2-pyridyl aryl bromides. Chemical Science, 2014, 5, 275-280.	3.7	98
76	Copperâ€Catalyzed Intermolecular Trifluoromethylazidation of Alkenes: Convenient Access to CF₃â€Containing Alkyl Azides. Angewandte Chemie - International Edition, 2014, 53, 1881-1886.	7.2	288
77	Pd-Catalyzed Intramolecular Aminohydroxylation of Alkenes with Hydrogen Peroxide as Oxidant and Water as Nucleophile. Journal of the American Chemical Society, 2014, 136, 1766-1769.	6.6	113
78	Regioselective palladium-catalyzed intramolecular oxidative aminofluorination of unactivated alkenes. Chemical Communications, 2013, 49, 8707.	2.2	69
79	Recent Advances in Transition-Metal-Catalyzed Trifluoromethylation and Related Transformations. Synthesis, 2013, 45, 2919-2939.	1.2	188
80	Palladium-Catalyzed Câ€“C Triple Bond Cleavage: Efficient Synthesis of 4H-Benzo[d][1,3]oxazin-4-ones. ACS Catalysis, 2013, 3, 178-181.	5.5	73
81	One-Pot Synthesis of 1-(Trifluoromethyl)-4-fluoro-1,2-dihydroisoquinolines and 4,4-Difluoro-1,2,3,4-tetrahydroisoquinolines. Organic Letters, 2013, 15, 6210-6213.	2.4	49
82	Palladium-Catalyzed Oxidative Arylalkylation of Unactivated Alkenes: Dual Câ€“H Bond Cleavage of Anilines and Acetonitrile. Synlett, 2012, 23, 2749-2752.	1.0	26
83	Total synthesis and absolute configuration determination of (+)-subincanadine F. Chemical Communications, 2010, 46, 8436.	2.2	44
84	Protecting-Group-Free Total Synthesis of (Â±)-Subincanadine F. Journal of Organic Chemistry, 2009, 74, 7533-7535.	1.7	46
85	Synthesis and Structural Revision of (Â±)-Laurentristich-4-ol. Journal of Organic Chemistry, 2008, 73, 339-341.	1.7	34
86	Palladium-Catalyzed Intermolecular Carbonylation-Based Difunctionalization of Alkenes. Synlett, 0, 33, .	1.0	3