

# Yifeng Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,129  
citations

394421

19  
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414414

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docs citations

44  
times ranked

585  
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#	ARTICLE	IF	CITATIONS
1	Nickel-catalyzed alkoxy carbonylation of aryl iodides with 1 atm CO. <i>Chemical Communications</i> , 2022, 58, 4643-4646.	4.1	18
2	Catalytic Desymmetric Dicarbofunctionalization of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
3	Catalytic Desymmetric Dicarbofunctionalization of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
4	Nickel-Catalyzed Carbonylation of Cyclopropanol with Benzyl Bromide for Multisubstituted Cyclopentenone Synthesis. <i>Organic Letters</i> , 2022, 24, 2699-2704.	4.6	23
5	Catalytic Asymmetric Diarylation of Internal Acyclic Styrenes and Enamides. <i>Journal of the American Chemical Society</i> , 2022, 144, 8389-8398.	13.7	28
6	Nickel-Catalyzed Enantioselective Reductive Alkyl-Carbonylation of Internal Alkenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	17
7	Recent Advances in Transition-Metal-Catalyzed Asymmetric Functionalization of Enamides. <i>Synthesis</i> , 2022, 54, 4646-4660.	2.3	10
8	Palladium-Catalyzed Regio-, Diastereo-, and Enantioselective 1,2-Arylfluorination of Internal Enamides. <i>Angewandte Chemie</i> , 2021, 133, 2731-2735.	2.0	6
9	Palladium-Catalyzed Regio-, Diastereo-, and Enantioselective 1,2-Arylfluorination of Internal Enamides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2699-2703.	13.8	34
10	Palladium-Catalyzed Allylic Carbonylative Negishi Cross-Coupling Reactions with Sterically Bulky Aromatic Isocyanides. <i>Chinese Journal of Organic Chemistry</i> , 2021, , 1949.	1.3	7
11	Recent advances in transition metal-catalyzed reactions of carbamoyl chlorides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4024-4045.	4.5	31
12	Synthesis of 3,3-Dialkyl-Substituted Isoindolinones Enabled by Nickel-Catalyzed Reductive Dicarbofunctionalization of Enamides. <i>Organic Letters</i> , 2021, 23, 5523-5527.	4.6	27
13	Asymmetric synthesis of 3-benzyl and allyl isoindolinones by Pd-catalyzed dicarbofunctionalization of 1,1-disubstituted enamides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4106-4111.	4.5	12
14	Asymmetric Synthesis of $\beta$ -Alkylated $\beta$ -Lactam via Nickel/8-Quinim-Catalyzed Reductive Alkyl-Carbonylation of Unactivated Alkene. <i>Synlett</i> , 2021, 32, 955-961.	1.8	5
15	Skeletal Reconstruction of 3-Alkylidenepyrrolidines to Azepines Enabled by Pd-Catalyzed C-N Bond Cleavage. <i>ACS Catalysis</i> , 2021, 11, 1774-1779.	11.2	16
16	Generation of a Sulfinamide Species from Facile N=O Bond Cleavage of Nitrosobenzene by a Thiolate-Bridged Diiron Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 17374-17387.	13.7	6
17	Nickel-Catalyzed Regioselective Hydroarylation of Internal Enamides. <i>Organic Letters</i> , 2020, 22, 9319-9324.	4.6	15
18	Pd/Cu-Catalyzed Domino Cyclization/Deborylation of Alkene-Tethered Carbamoyl Chloride and 1,1-Diborylmethane. <i>Organic Letters</i> , 2020, 22, 6376-6381.	4.6	30

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19	Quinim: A New Ligand Scaffold Enables Nickel-Catalyzed Enantioselective Synthesis of $\beta$ -Alkylated $\beta$ -Lactam. <i>Journal of the American Chemical Society</i> , 2020, 142, 15654-15660.	13.7	88
20	Palladium-Catalyzed Regioselective Domino Spirocyclization of Carbamoyl Chlorides with Alkynes and Benzyne. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4996-5001.	4.3	18
21	Palladium-Catalyzed Secondary Benzylic Imidoylative Reactions. <i>Organic Letters</i> , 2020, 22, 6954-6959.	4.6	11
22	Nickel-Catalyzed Formal Aminocarbonylation of Secondary Benzyl Chlorides with Isocyanides. <i>Organic Letters</i> , 2020, 22, 4245-4249.	4.6	23
23	Nickel-Catalyzed Formal Aminocarbonylation of Unactivated Alkyl Iodides with Isocyanides. <i>Organic Letters</i> , 2020, 22, 3245-3250.	4.6	30
24	Modular synthesis of (C-10 to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 552 Td (C-13)-substituted-9,14-diaryl-9,14-dihydrodibenzo[ <i>a</i> , <i>i</i> ]indole. Buchwald-Hartwig amination and C-H amination strategy. <i>Chemical Communications</i> , 2020, 56, 2260-2263.	4.1	7
25	Facile Synthesis of Nitrogen-Containing Six-Membered Benzofused Phenophosphazinine Oxides and Studies of the Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 3879-3886.	3.2	7
26	Nickel-catalyzed allylic carbonylative coupling of alkyl zinc reagents with tert-butyl isocyanide. <i>Nature Communications</i> , 2020, 11, 392.	12.8	35
27	Pd-Catalyzed Regiodivergent Synthesis of Diverse Oxindoles Enabled by the Versatile Heck Reaction of Carbamoyl Chlorides. <i>Organic Letters</i> , 2020, 22, 3915-3921.	4.6	30
28	Convergent Total Synthesis of Principinol D, a Rearranged Kaurane Diterpenoid. <i>Journal of the American Chemical Society</i> , 2019, 141, 8088-8092.	13.7	47
29	Direct Transformation of Aryl 2-Pyridyl Esters to Secondary Benzylic Alcohols by Nickel Relay Catalysis. <i>Organic Letters</i> , 2019, 21, 2453-2458.	4.6	17
30	Total Synthesis of ( $\beta$ )-Xylogranatopyridine B via a Palladium-Catalyzed Oxidative Stannylation of Enones. <i>Journal of the American Chemical Society</i> , 2018, 140, 2062-2066.	13.7	56
31	Allyl-Palladium-Catalyzed Ketone Dehydrogenation Enables Telescoping with Enone $\alpha,\beta$ -Vicinal Difunctionalization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8258-8262.	13.8	59
32	Allyl-Palladium-Catalyzed Ketone Dehydrogenation Enables Telescoping with Enone $\alpha,\beta$ -Vicinal Difunctionalization. <i>Angewandte Chemie</i> , 2017, 129, 8370-8374.	2.0	16
33	Allyl-Palladium-Catalyzed $\alpha,\beta$ -Dehydrogenation of Carboxylic Acids via Enediolates. <i>Angewandte Chemie</i> , 2017, 129, 13302-13305.	2.0	45
34	Allyl-Palladium-Catalyzed $\alpha,\beta$ -Dehydrogenation of Carboxylic Acids via Enediolates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13122-13125.	13.8	50
35	Amide $\alpha,\beta$ -Dehydrogenation Using Allyl-Palladium Catalysis and a Hindered Monodentate Anilide. <i>Journal of the American Chemical Society</i> , 2016, 138, 1166-1169.	13.7	110
36	Dehydrogenation Adjacent to Carbonyls Using Palladium-Allyl Intermediates. <i>Synlett</i> , 2016, 27, 331-336.	1.8	47

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37	Palladium-Catalyzed $\alpha,\beta$ -Dehydrogenation of Esters and Nitriles. <i>Journal of the American Chemical Society</i> , 2015, 137, 5875-5878.	13.7	118
38	8-Quinoliny Oxazoline: Ligand Exploration in Enantioselective Ni-Catalyzed Reductive Carbamoyl-Alkylation of Alkene to Access the Chiral Oxindoles. <i>Synlett</i> , 0, 0, .	1.8	4
39	Nickel-Catalyzed Enantioselective Reductive Alkyl-Carbamoylation of Internal Alkenes. <i>Angewandte Chemie</i> , 0, , .	2.0	0