

Ruixiang Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient Infrared-Light-Driven CO ₂ Reduction Over Ultrathin Metallic Ni-doped Co ₂ Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8705-8709.	13.8	108
2	Hemilabile N-heterocyclic carbene (NHC)-nitrogen-phosphine mediated Ru (II)-catalyzed N-alkylation of aromatic amine with alcohol efficiently. <i>Catalysis Communications</i> , 2017, 95, 54-57.	3.3	35
3	Divergent Synthesis of Isoquinolone and Isocoumarin Derivatives by the Annulation of Benzoic Acid with N-Vinyl Amide. <i>Organic Letters</i> , 2019, 21, 9425-9429.	4.6	35
4	Dehydrogenation of Alcohols to Carboxylic Acid Catalyzed by in Situ-Generated Facial Ruthenium-CPP Complex. <i>Journal of Organic Chemistry</i> , 2019, 84, 9151-9160.	3.2	33
5	Unsymmetrical Pincer N-Heterocyclic Carbene-Nitrogen-Phosphine Chelated Palladium(II) Complexes: Synthesis, Structure, and Reactivity in Direct Csp ² -H Arylation of Benzoxazoles. <i>Organometallics</i> , 2018, 37, 979-988.	2.3	29
6	Synthesis of Unsymmetrical N-Heterocyclic Carbene-Nitrogen-Phosphine Chelated Ruthenium(II) Complexes and Their Reactivity in Acceptorless Dehydrogenative Coupling of Alcohols to Esters. <i>Organometallics</i> , 2019, 38, 1750-1760.	2.3	29
7	Direct C-H Functionalization of Pyridine via a Transient Activator Strategy: Synthesis of 2,6-Diarylpyridines. <i>Organic Letters</i> , 2017, 19, 1970-1973.	4.6	28
8	Regioselective Direct C-H Trifluoromethylation of Pyridine. <i>Organic Letters</i> , 2020, 22, 7108-7112.	4.6	27
9	Selective Synthesis of Z-Cinnamyl Ethers and Cinnamyl Alcohols through Visible Light-Promoted Photocatalytic E to Z Isomerization. <i>Chemistry - an Asian Journal</i> , 2020, 15, 555-559.	3.3	25
10	Stereodivergent Synthesis of Alkenylpyridines via Pd/Cu Catalyzed C-H Alkenylation of Pyridinium Salts with Alkynes. <i>Organic Letters</i> , 2020, 22, 7814-7819.	4.6	22
11	Synthesis of 2-Formylpyrroles from Pyridinium Iodide Salts. <i>Organic Letters</i> , 2020, 22, 6107-6111.	4.6	22
12	C ₆ -Selective Direct Arylation of 2-Phenylpyridine via an Activated N-methylpyridinium Salt: A Combined Experimental and Theoretical Study. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3990-3998.	4.3	21
13	Ruthenium-catalyzed synthesis of N-substituted lactams by acceptorless dehydrogenative coupling of diols with primary amines. <i>Chemical Communications</i> , 2019, 55, 12384-12387.	4.1	20
14	Iridium-Catalyzed Alkylation of Amine and Nitrobenzene with Alcohol to Tertiary Amine under Base- and Solvent-Free Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 2158-2168.	3.2	19
15	One-Pot Synthesis of Symmetrical 2,6-Diarylpyridines via Palladium/Copper-Catalyzed Sequential Decarboxylative and Direct C-H Arylation. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1143-1148.	4.3	17
16	A Simple and Efficient Access to Naphtho[b]furans by Claisen Rearrangement/Cyclization of Bromonaphthyl 3-Phenylallyl Ethers. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2442-2446.	4.3	14
17	Mechanism of Direct C-H Arylation of Pyridine via a Transient Activator Strategy: A Combined Computational and Experimental Study. <i>Journal of Organic Chemistry</i> , 2018, 83, 10389-10397.	3.2	14
18	Visible-Light-Induced Oxazoline Formations from N-Vinyl Amides Catalyzed by an Ion-Pair Charge-Transfer Complex. <i>ACS Catalysis</i> , 2021, 11, 11762-11773.	11.2	14

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19	An Approach to the Synthesis of 1-Propenyl-naphthols and 3-Arylnaphtho[2,1- <i>b</i>]furans. <i>Journal of Organic Chemistry</i> , 2017, 82, 2523-2534.	3.2	13
20	Selective Rhodium-Catalyzed Hydroformylation of Terminal Arylalkynes and Conjugated Enynes to (Poly)enals Enabled by a π -Acceptor Biphosphoramidite Ligand. <i>Organic Letters</i> , 2021, 23, 6067-6072.	4.6	11
21	Cyclometalated Rhodium(III) Complexes Based on Substituted 2-Phenylpyridine Ligands: Synthesis, Structures, Photophysics, Electrochemistry, and DNA-Binding Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4149-4157.	2.0	10
22	Rh(III)-Catalyzed [4 + 2] Self-Annulation of <i>N</i> -Vinylarylamides. <i>Organic Letters</i> , 2018, 20, 6755-6759.	4.6	10
23	Iridium-Catalyzed Benzylamine C-H Alkenylation Enabled by Pentafluorobenzoyl as the Directing Group. <i>Organic Letters</i> , 2019, 21, 1002-1006.	4.6	10
24	Direct C-H Sulfonylimination of Pyridinium Salts. <i>Organic Letters</i> , 2022, 24, 2821-2825.	4.6	10
25	Rhodium/bisphosphite catalytic system for hydroformylation of styrene and its derivatives. <i>Applied Organometallic Chemistry</i> , 2013, 27, 474-478.	3.5	9
26	Synthesis, Characterization of <i>N</i> -Pyrrolylphosphanes Based on Heterocyclic Amine Backbones and Their Application in Hydroformylation of 1-Octene. <i>Catalysis Letters</i> , 2014, 144, 1074-1079.	2.6	9
27	Selective direct C-H polyfluoroarylation of electron-deficient <i>N</i> -heterocyclic compounds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3887-3895.	4.5	9
28	Mechanistic investigation of imine formation in ruthenium-catalyzed <i>N</i> -alkylation of amines with alcohols. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4277.	3.5	8
29	Iodination/Amidation of the <i>N</i> -Alkyl (Iso)quinolinium Salts. <i>Journal of Organic Chemistry</i> , 2021, 86, 716-730.	3.2	8
30	Palladium-Catalyzed Direct Arylation of Alkylpyridine via Activated <i>N</i> -Methylpyridinium Salts. <i>Journal of Organic Chemistry</i> , 2020, 85, 622-632.	3.2	7
31	Acceptorless dehydrogenation of amines to nitriles catalyzed by <i>N</i> -heterocyclic carbene-nitrogen-phosphine chelated bimetallic ruthenium (II) complex. <i>Journal of Catalysis</i> , 2020, 391, 378-385.	6.2	7
32	Electrochemical Cross-Dehydrogenative Aromatization Protocol for the Synthesis of Aromatic Amines. <i>Organic Letters</i> , 2022, 24, 1011-1016.	4.6	7
33	Ruthenium-Catalyzed Divergent Acceptorless Dehydrogenative Coupling of 1,3-Diols with Arylhydrazines: Synthesis of Pyrazoles and 2-Pyrazolines. <i>Organic Letters</i> , 2022, 24, 3878-3883.	4.6	7
34	A new air-stable and reusable tetraphosphine ligand for rhodium-catalyzed hydroformylation of terminal olefins at low temperature. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4646.	3.5	5
35	Linear-selective hydroformylation of vinyl ether using Rh(acac)(2,2'-bis((di[1 <i>H</i> -indol-1-yl]phosphanyl)oxy)-1,1'-binaphthalene)- Possible way to synthesis 1,3-propanediol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5863.	3.2	5
36	Acceptorless Dehydrogenative Cross-Coupling of Primary Alcohols Catalyzed by an <i>N</i> -Heterocyclic Carbene-Nitrogen-Phosphine Chelated Ruthenium(II) Complex. <i>Journal of Organic Chemistry</i> , 2022, 87, 4550-4559.	3.2	5

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37	Practical Synthesis of β,γ -Unsaturated Nitriles via a One-Pot Sequential Hydroformylation/Knoevenagel Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 15413-15422.	3.2	3
38	Visible light-induced synthesis of β -iodoenamides from <i>N</i> -vinyl amides mediated by the ion pair charge transfer state. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1975-1981.	4.5	3
39	Facile Synthesis of 2-Methylnicotinonitrile through Degenerate Ring Transformation of Pyridinium Salts. <i>Journal of Organic Chemistry</i> , 2022, 87, 7975-7988.	3.2	3
40	Chichibabin-type Phosphonylation of 2-(Hetero)aryl Pyridines: Selective Synthesis of 4-Phosphinoyl Pyridines via an Activated <i>N</i> -benzylpyridinium Salt. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	3
41	A novel biphasic and recyclable system based on formamide for the hydroformylation of long-chain alkenes with water-soluble phosphine rhodium catalyst. <i>Molecular Catalysis</i> , 2021, 505, 111502.	2.0	2
42	Catalytic hydrogenation of CO ₂ with unsymmetric <i>N</i> -heterocyclic carbene–nitrogen–phosphine ruthenium complexes. <i>Catalysis Science and Technology</i> , 2021, 11, 6965-6969.	4.1	2