

Liang Hu

List of Publications by Year in descending order

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25
papers

1,070
citations

361413

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580821

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pd(II)-Catalyzed Enantioselective C(sp ³)â€”H Arylation of Free Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 6545-6549.	13.7	145
2	Pd ^{II} -Catalyzed Enantioselective C(sp ³)â€”H Activation/Crossâ€”Coupling Reactions of Free Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2134-2138.	13.8	124
3	Pd ^{II} -Catalyzed Enantioselective C(sp ³)â€”H Arylation of Cyclobutyl Ketones Using a Chiral Transient Directing Group. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9594-9600.	13.8	74
4	Stereoselective synthesis of vinylphosphonates and phosphine oxides via silver-catalyzed phosphorylation of styrenes. <i>Chemical Communications</i> , 2015, 51, 13922-13924.	4.1	68
5	Ligand-controlled divergent dehydrogenative reactions of carboxylic acids via Câ€”H activation. <i>Science</i> , 2021, 374, 1281-1285.	12.6	64
6	Highly mono-selective <i>ortho</i> -methylthiolation of benzamides <i>via</i> cobalt-catalyzed sp ² Câ€”H activation. <i>Organic Chemistry Frontiers</i> , 2018, 5, 216-221.	4.5	49
7	Cobalt-promoted selective arylation of benzamides and acrylamides with arylboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11070-11075.	2.8	48
8	Copperâ€”Mediated <i>ortho</i> -Arylation of Benzamides with Arylboronic Acid. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 509-514.	4.3	43
9	Photocatalytic/Cuâ€”Promoted Câ€”H Activations: Visibleâ€”Lightâ€”Induced <i>ortho</i> -â€”Selective Perfluoroalkylation of Benzamides. <i>Chemistry - A European Journal</i> , 2016, 22, 6218-6222.	3.3	43
10	HOTf-Catalyzed, Solvent-Free Oxyarylation of Ynol Ethers and Thioethers. <i>Journal of Organic Chemistry</i> , 2016, 81, 4861-4868.	3.2	40
11	Modular, stereocontrolled C _{sub>1</sub>} â€”H/C _{sub>1</sub>} â€”C activation of alkyl carboxylic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8721-8727.	7.1	39
12	Highly mono-selective <i>ortho</i> -trifluoromethylation of benzamides via 8-aminoquinoline assisted Cu-promoted Câ€”H activations. <i>Chemical Communications</i> , 2016, 52, 6845-6848.	4.1	38
13	Pd(II)-Catalyzed Enantioselective C(sp ³)â€”H Activation/Crossâ€”Coupling Reactions of Free Carboxylic Acids. <i>Angewandte Chemie</i> , 2018, 131, 2156.	2.0	34
14	One-Step Synthesis of β -Alkylidene- γ -lactones via Ligand-Enabled β , γ -Dehydrogenation of Aliphatic Acids. <i>Journal of the American Chemical Society</i> , 2022, 144, 12924-12933.	13.7	34
15	Ammonia as Ultimate Amino Source in Synthesis of Primary Amines via Nickel-Promoted Câ€”H Bond Amination. <i>Organic Letters</i> , 2019, 21, 5634-5638.	4.6	32
16	Direct Synthesis of Primary Anilines via Nickelâ€”Mediated C(sp ²)â€”H Aminations. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1346-1351.	4.3	30
17	Copper-catalyzed decarboxylative methylthiolation of aromatic carboxylate salts with DMSO. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5674-5679.	2.8	27
18	A rapid and selective synthesis of α , β -fluorohalo esters via fluorohalogenative or difluorinative hydration of ynol ethers. <i>Chemical Communications</i> , 2015, 51, 16641-16644.	4.1	24

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19	Efficient syntheses of 3-hydroxyimino-1-isoindolinones and 3-methylene-1-isoindolinones via Cu-promoted C-H activation-nitroalkylation-intramolecular cyclization tandem processes. <i>Chemical Communications</i> , 2017, 53, 4597-4600.	4.1	21
20	Selective Synthesis of Aryl Nitriles and 3-Imino-1-oxoisoindolines via Nickel-Promoted C(sp ²)-H Cyanations. <i>Organic Letters</i> , 2018, 20, 3206-3210.	4.6	20
21	Synthesis of Oxindoles via Iron-Mediated Hydrometallation-Cyclization of <i>N</i> -Arylacrylamides. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 870-874.	2.7	19
22	Synthesis of Benzofulvenes via Cp*Co(III)-Catalyzed C-H Activation and Carbocyclization of Aromatic Ketones with Internal Alkynes. <i>Journal of Organic Chemistry</i> , 2019, 84, 7449-7458.	3.2	19
23	Synthesis of Aryl Alkynes via Copper Catalyzed Decarboxylative Alkynylation of 2-Nitrobenzoic Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 8556-8566.	3.2	14
24	Pd II -Catalyzed Enantioselective C(sp ³)-H Arylation of Cyclobutyl Ketones Using a Chiral Transient Directing Group. <i>Angewandte Chemie</i> , 2020, 132, 9681-9687.	2.0	14
25	Synthesis of oxindoles via Cu-mediated reactions between <i>N</i> -phenylacrylamides and ethyl 2-bromo-2-methylpropionate. <i>Tetrahedron Letters</i> , 2018, 59, 612-616.	1.4	7