Ming Shang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2771022/publications.pdf

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21	2,351	394286 19	713332 21
papers	citations	h-index	g-index

21	21	21	2426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cu(II)-Mediated Câ€“H Amidation and Amination of Arenes: Exceptional Compatibility with Heterocycles. Journal of the American Chemical Society, 2014, 136, 3354-3357.	6.6	313
2	Overcoming the limitations of directed Câ€“H functionalizations of heterocycles. Nature, 2014, 515, 389-393.	13.7	279
3	Hindered dialkyl ether synthesis with electrogenerated carbocations. Nature, 2019, 573, 398-402.	13.7	240
4	Cu(II)-Mediated Ortho Câ€“H Alkynylation of (Hetero)Arenes with Terminal Alkynes. Journal of the American Chemical Society, 2014, 136, 11590-11593.	6.6	220
5	Remote Meta-Câ€“H Activation Using a Pyridine-Based Template: Achieving Site-Selectivity via the Recognition of Distance and Geometry. ACS Central Science, 2015, 1, 394-399.	5.3	164
6	Ru(II)-Catalyzed ortho-Câ€“H Amination of Arenes and Heteroarenes at Room Temperature. Organic Letters, 2013, 15, 5286-5289.	2.4	131
7	Cu-Catalyzed Decarboxylative Borylation. ACS Catalysis, 2018, 8, 9537-9542.	5.5	126
8	Cu(OAc)₂-Catalyzed Coupling of Aromatic Câ€“H Bonds with Arylboron Reagents. Organic Letters, 2014, 16, 5666-5669.	2.4	119
9	Câ€“H Functionalization of Amines via Alkene-Derived Nucleophiles through Cooperative Action of Chiral and Achiral Lewis Acid Catalysts: Applications in Enantioselective Synthesis. Journal of the American Chemical Society, 2018, 140, 10593-10601.	6.6	98
10	Frustrated Lewis Acid/BrÃ¸nsted Base Catalysts for Direct Enantioselective Î±-Amination of Carbonyl Compounds. Journal of the American Chemical Society, 2017, 139, 95-98.	6.6	96
11	Cu(II)-Mediated C(sp²)â€“H Hydroxylation. Journal of Organic Chemistry, 2015, 80, 8843-8848.	1.7	85
12	Copperâ€Mediated Lateâ€Stage Functionalization of Heterocycleâ€Containing Molecules. Angewandte Chemie - International Edition, 2017, 56, 5317-5321.	7.2	78
13	Recent Progress on Copper-Mediated Directing-Group-Assisted C(sp2)â€“H Activation. Synthesis, 2016, 48, 4381-4399.	1.2	76
14	Enantioselective Direct Mannichâ€Type Reactions Catalyzed by Frustrated Lewis Acid/BrÃ¸nsted Base Complexes. Angewandte Chemie - International Edition, 2017, 56, 13338-13341.	7.2	63
15	Remote Para-Câ€“H Acetoxylation of Electron-Deficient Arenes. Organic Letters, 2019, 21, 540-544.	2.4	62
16	Enantioselective Deaminative Alkylation of Amino Acid Derivatives with Unactivated Olefins. Journal of the American Chemical Society, 2022, 144, 1130-1137.	6.6	52
17	Ligand-Controlled Para-Selective Câ€“H Arylation of Monosubstituted Arenes. Organic Letters, 2015, 17, 3830-3833.	2.4	42
18	Modular, stereocontrolled C _{Î²} â€“H/C _{Î±} â€“C activation of alkyl carboxylic acids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8721-8727.	3.3	39

#	Article	IF	Citations
19	Electrochemical Decarboxylative N-Alkylation of Heterocycles. Organic Letters, 2020, 22, 7594-7598.	2.4	38
20	Enantioselective Direct Mannichâ€Type Reactions Catalyzed by Frustrated Lewis Acid/BrÃ¸nsted Base Complexes. Angewandte Chemie, 2017, 129, 13523-13526.	1.6	18
21	Copperâ€Mediated Lateâ€Stage Functionalization of Heterocycleâ€Containing Molecules. Angewandte Chemie, 2017, 129, 5401-5405.	1.6	12