

Ming Shang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,351
citations

394286

19
h-index

713332

21
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21
docs citations

21
times ranked

2426
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Deaminative Alkylation of Amino Acid Derivatives with Unactivated Olefins. <i>Journal of the American Chemical Society</i> , 2022, 144, 1130-1137.	6.6	52
2	Electrochemical Decarboxylative <i>N</i> -Alkylation of Heterocycles. <i>Organic Letters</i> , 2020, 22, 7594-7598.	2.4	38
3	Hindered dialkyl ether synthesis with electrogenerated carbocations. <i>Nature</i> , 2019, 573, 398-402.	13.7	240
4	Modular, stereocontrolled C ¹ -H/C ² -H activation of alkyl carboxylic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8721-8727.	3.3	39
5	Remote <i>Para</i> -C-H Acetoxylation of Electron-Deficient Arenes. <i>Organic Letters</i> , 2019, 21, 540-544.	2.4	62
6	Cu-Catalyzed Decarboxylative Borylation. <i>ACS Catalysis</i> , 2018, 8, 9537-9542.	5.5	126
7	C-H Functionalization of Amines via Alkene-Derived Nucleophiles through Cooperative Action of Chiral and Achiral Lewis Acid Catalysts: Applications in Enantioselective Synthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10593-10601.	6.6	98
8	Copper-Mediated Late-Stage Functionalization of Heterocycle-Containing Molecules. <i>Angewandte Chemie</i> , 2017, 129, 5401-5405.	1.6	12
9	Copper-Mediated Late-Stage Functionalization of Heterocycle-Containing Molecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5317-5321.	7.2	78
10	Frustrated Lewis Acid/Brønsted Base Catalysts for Direct Enantioselective α -Amination of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2017, 139, 95-98.	6.6	96
11	Enantioselective Direct Mannich-Type Reactions Catalyzed by Frustrated Lewis Acid/Brønsted Base Complexes. <i>Angewandte Chemie</i> , 2017, 129, 13523-13526.	1.6	18
12	Enantioselective Direct Mannich-Type Reactions Catalyzed by Frustrated Lewis Acid/Brønsted Base Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13338-13341.	7.2	63
13	Recent Progress on Copper-Mediated Directing-Group-Assisted C(sp ²)-H Activation. <i>Synthesis</i> , 2016, 48, 4381-4399.	1.2	76
14	Ligand-Controlled <i>Para</i> -Selective C-H Arylation of Monosubstituted Arenes. <i>Organic Letters</i> , 2015, 17, 3830-3833.	2.4	42
15	Cu(II)-Mediated C(sp ²)-H Hydroxylation. <i>Journal of Organic Chemistry</i> , 2015, 80, 8843-8848.	1.7	85
16	Remote <i>Meta</i> -C-H Activation Using a Pyridine-Based Template: Achieving Site-Selectivity via the Recognition of Distance and Geometry. <i>ACS Central Science</i> , 2015, 1, 394-399.	5.3	164
17	Cu(II)-Mediated C-H Amidation and Amination of Arenes: Exceptional Compatibility with Heterocycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 3354-3357.	6.6	313
18	Overcoming the limitations of directed C-H functionalizations of heterocycles. <i>Nature</i> , 2014, 515, 389-393.	13.7	279

#	ARTICLE	IF	CITATIONS
19	Cu(OAc) ₂ -Catalyzed Coupling of Aromatic C-H Bonds with Arylboron Reagents. <i>Organic Letters</i> , 2014, 16, 5666-5669.	2.4	119
20	Cu(II)-Mediated Ortho C-H Alkynylation of (Hetero)Arenes with Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2014, 136, 11590-11593.	6.6	220
21	Ru(II)-Catalyzed <i>ortho</i> -C-H Amination of Arenes and Heteroarenes at Room Temperature. <i>Organic Letters</i> , 2013, 15, 5286-5289.	2.4	131