

Luo-Yan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

624
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

647
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligands with 1,10-phenanthroline scaffold for highly regioselective iron-catalyzed alkene hydrosilylation. <i>Nature Communications</i> , 2018, 9, 221.	5.8	145
2	Reversing conventional site-selectivity in C(sp ³)-H bond activation. <i>Nature Chemistry</i> , 2019, 11, 571-577.	6.6	80
3	Highly Versatile \hat{I}^2 -C(sp ³)-H Iodination of Ketones Using a Practical Auxiliary. <i>Journal of the American Chemical Society</i> , 2017, 139, 12394-12397.	6.6	73
4	<i>meta</i> -C-H Arylation of Electron-Rich Arenes: Reversing the Conventional Site Selectivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 14870-14877.	6.6	70
5	Ligand-Promoted Non-Directed C-H Cyanation of Arenes. <i>Chemistry - A European Journal</i> , 2019, 25, 2199-2202.	1.7	69
6	Versatile Alkylation of (Hetero)Aryl Iodides with Ketones via \hat{I}^2 -C(sp ³)-H Activation. <i>Journal of the American Chemical Society</i> , 2017, 139, 16080-16083.	6.6	53
7	<i>meta</i> -Selective C-H Arylation of Fluoroarenes and Simple Arenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13831-13835.	7.2	50
8	Ligand-Enabled \hat{I}^2 -Methylene C(sp ³)-H Arylation of Masked Aliphatic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7783-7787.	7.2	45
9	Ligand-Enabled \hat{I}^2 -Methylene C(sp ³)-H Arylation of Masked Aliphatic Alcohols. <i>Angewandte Chemie</i> , 2020, 132, 7857-7861.	1.6	14
10	<i>meta</i> -Selective C-H Arylation of Fluoroarenes and Simple Arenes. <i>Angewandte Chemie</i> , 2020, 132, 13935-13939.	1.6	13
11	<i>ortho</i> -Selective C-H Arylation of Electron-Deficient Thiophenes, Pyrroles, and Furans. <i>Israel Journal of Chemistry</i> , 2020, 60, 416-418.	1.0	12