

Wenbin Liu

List of Publications by Year in descending order

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11
papers

309
citations

933447

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1281871

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docs citations

11
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalyst-Controlled Selective Functionalization of Unactivated C-H Bonds in the Presence of Electronically Activated C-H Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 12247-12255.	13.7	68
2	An Immobilized Dirhodium Hollow-Fiber Flow Reactor for Scalable and Sustainable C-H Functionalization in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10923-10927.	13.8	52
3	Site-Selective Carbene-Induced C-H Functionalization Catalyzed by Dirhodium Tetrakis(triarylcyclopropanecarboxylate) Complexes. <i>ACS Catalysis</i> , 2018, 8, 678-682.	11.2	48
4	Regio- and Stereoselective Rhodium(II)-Catalyzed C-H Functionalization of Cyclobutanes. <i>Chem</i> , 2020, 6, 304-313.	11.7	30
5	Functionalization of Piperidine Derivatives for the Site-Selective and Stereoselective Synthesis of Positional Analogues of Methylphenidate. <i>Chemistry - A European Journal</i> , 2020, 26, 4236-4241.	3.3	29
6	Copper-Catalyzed Oxidation of Hydrazones to Diazo Compounds Using Oxygen as the Terminal Oxidant. <i>ACS Catalysis</i> , 2021, 11, 2676-2683.	11.2	22
7	Optimized Immobilization Strategy for Dirhodium(II) Carboxylate Catalysts for C-H Functionalization and Their Implementation in a Packed Bed Flow Reactor. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19525-19531.	13.8	19
8	Mechanistically Guided Workflow for Relating Complex Reactive Site Topologies to Catalyst Performance in C-H Functionalization Reactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 1881-1898.	13.7	15
9	An Immobilized Dirhodium Hollow-Fiber Flow Reactor for Scalable and Sustainable C-H Functionalization in Continuous Flow. <i>Angewandte Chemie</i> , 2018, 130, 11089-11093.	2.0	14
10	Formation of Tertiary Alcohols from the Rhodium-Catalyzed Reactions of Donor/Acceptor Carbenes with Esters. <i>Organic Letters</i> , 2018, 20, 2399-2402.	4.6	11
11	Optimized Immobilization Strategy for Dirhodium(II) Carboxylate Catalysts for C-H Functionalization and Their Implementation in a Packed Bed Flow Reactor. <i>Angewandte Chemie</i> , 2020, 132, 19693-19699.	2.0	1