

Zhi-Quan Lei

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

767
citations

933447

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1372567

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15
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Extrusion of CO from Aryl Ketones: Rhodium(I)-Catalyzed C–C Bond Cleavage Directed by a Pyridine Group. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2690-2694.	13.8	174
2	Rhodium(I)-Catalyzed Redox-Economic Cross-Coupling of Carboxylic Acids with Arenes Directed by N-Containing Groups. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2063-2067.	13.8	149
3	Direct oxidative arylation via rhodium-catalyzed C–C bond cleavage of secondary alcohols with arylsilanes. <i>Chemical Science</i> , 2012, 3, 1645.	7.4	94
4	Group Exchange between Ketones and Carboxylic Acids through Directing Group Assisted Rh-Catalyzed Reorganization of Carbon Skeletons. <i>Journal of the American Chemical Society</i> , 2015, 137, 5012-5020.	13.7	78
5	Reductive Cleavage of the C–C Bond of Secondary Benzyl Alcohols: Rhodium Catalysis Directed by N-Containing Groups. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9851-9855.	13.8	64
6	Rh-Catalyzed C–C Cleavage of Benzyl/Allylic Alcohols to Produce Benzyl/Allylic Amines or other Alcohols by Nucleophilic Addition of Intermediate Rhodacycles to Aldehydes and Imines. <i>Chemistry - A European Journal</i> , 2012, 18, 16214-16225.	3.3	56
7	Direct alkenyl C–H functionalization of cyclic enamines with carboxylic acids via Rh catalysis assisted by hydrogen bonding. <i>Organic Chemistry Frontiers</i> , 2014, 1, 634-638.	4.5	35