

Jessica Z Chan

List of Publications by Year in descending order

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8
papers

485
citations

1163117
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1588992
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docs citations

8
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	C ^α -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.	13.7	98
2	Frustrated Lewis Acid/Bronsted Base Catalysts for Direct Enantioselective α -Amination of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2017, 139, 95-98.	13.7	96
3	Catalytic Deuterium Incorporation within Metabolically Stable α -Amino C ^α -H Bonds of Drug Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 14570-14575.	13.7	87
4	Direct Mannich-Type Reactions Promoted by Frustrated Lewis Acid/Bronsted Base Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13877-13881.	13.8	59
5	Direct Conversion of <i>N</i> -Alkylamines to <i>N</i> -Propargylamines through C ^α -H Activation Promoted by Lewis Acid/Organocopper Catalysis: Application to Late-Stage Functionalization of Bioactive Molecules. <i>Journal of the American Chemical Society</i> , 2020, 142, 16493-16505.	13.7	45
6	Enantioselective Synthesis of <i>N</i> -Alkylamines through α -Amino C ^α -H Functionalization Promoted by Cooperative Actions of B(C ₆ F ₅) ₃ and a Chiral Lewis Acid Co-Catalyst. <i>Journal of the American Chemical Society</i> , 2021, 143, 2441-2455.	13.7	43
7	B(C ₆ F ₅) ₃ -Catalyzed C ^α -H Alkylation of <i>N</i> -Alkylamines Using Silicon Enolates without External Oxidant. <i>Organic Letters</i> , 2019, 21, 984-988.	4.6	41
8	Direct Mannich-Type Reactions Promoted by Frustrated Lewis Acid/Bronsted Base Catalysts. <i>Angewandte Chemie</i> , 2016, 128, 14081-14085.	2.0	16