

# Jessica Z Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

485  
citations

1163117  
8  
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1588992  
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8  
all docs

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docs citations

8  
times ranked

420  
citing authors

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