

Chang Min

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Enantioselective Cycloadditions of Aliphatic 1,4-Dipoles: Access to Chiral Cyclohexanes and Spiro [2.4] heptanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18628-18636.	13.7	38
2	Total synthesis of terpenes via palladium-catalysed cyclization strategy. <i>Nature Chemistry</i> , 2020, 12, 568-573.	13.6	19
3	Palladium-Catalyzed Regio-, Enantio-, and Diastereoselective Asymmetric [3 + 2] Cycloaddition Reactions: Synthesis of Chiral Cyclopentyl Phosphonates. <i>ACS Catalysis</i> , 2020, 10, 1969-1975.	11.2	33
4	Insights into the Structure and Function of a Chiral Conjugate-Base-Stabilized Brønsted Acid Catalyst. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 486-492.	2.4	18
5	Catalytic Regio- and Enantioselective Haloazidation of Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2018, 140, 15646-15650.	13.7	44
6	Catalytic Enantioselective Synthesis of Mariline...A and Related Isoindolinones through a Biomimetic Approach. <i>Angewandte Chemie</i> , 2017, 129, 15555-15559.	2.0	18
7	Catalytic Enantioselective Synthesis of Mariline...A and Related Isoindolinones through a Biomimetic Approach. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15353-15357.	13.8	66
8	Asymmetric Brønsted acid catalysis with chiral carboxylic acids. <i>Chemical Society Reviews</i> , 2017, 46, 5889-5902.	38.1	126
9	Stereochemically Rich Polycyclic Amines from the Kinetic Resolution of Indolines through Intramolecular Povarov Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 10817-10820.	3.3	38
10	Catalytic Enantioselective Intramolecular Aza-Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6608-6612.	13.8	61
11	Dual C-H Functionalization of <i>N</i> -Aryl Amines: Synthesis of Polycyclic Amines via an Oxidative Povarov Approach. <i>Organic Letters</i> , 2014, 16, 2756-2759.	4.6	86
12	Conjugate-Base-Stabilized Brønsted Acids as Asymmetric Catalysts: Enantioselective Povarov Reactions with Secondary Aromatic Amines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14084-14088.	13.8	95
13	A dual-catalysis approach to the kinetic resolution of 1,2-diaryl-1,2-diaminoethanes. <i>Chemical Communications</i> , 2012, 48, 10853.	4.1	41
14	An expedient approach to highly enantioenriched cyclic nitrones mediated by robust and recoverable C ₃ -symmetric cinchonine-squaramide catalysts. <i>RSC Advances</i> , 2012, 2, 7501.	3.6	20
15	A novel C ₃ -symmetric prolinol-squaramide catalyst for the asymmetric reduction of ketones by borane. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1640-1643.	1.8	25
16	C ₃ -Symmetrical Cinchonine-Squaramide as New Highly Efficient, and Recyclable Organocatalyst for Enantioselective Michael Addition. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2715-2720.	4.3	82
17	Novel bifunctional chiral squaramide-amine catalysts for highly enantioselective addition of mono and diketones to nitroalkenes. <i>Arkivoc</i> , 2011, 2011, 367-380.	0.5	22