

Xiaobei Chen

List of Publications by Year in descending order

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13
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1040056

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#	ARTICLE	IF	CITATIONS
1	Practical synthesis of C1 deuterated aldehydes enabled by NHC catalysis. <i>Nature Catalysis</i> , 2019, 2, 1071-1077.	34.4	81
2	Synthesis of Aldehydes by Organocatalytic Formylation Reactions of Boronic Acids with Glyoxylic Acid. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8201-8205.	13.8	53
3	Trideuteromethylation Enabled by a Sulfoxonium Metathesis Reaction. <i>Organic Letters</i> , 2019, 21, 448-452.	4.6	30
4	Facile Installation of 2-Reverse Prenyl Functionality into Indoles by a Tandem N-Alkylation-Aza-Cope Rearrangement Reaction and Its Application in Synthesis. <i>Chemistry - A European Journal</i> , 2016, 22, 716-723.	3.3	24
5	An Efficient Method for the Production of Terminal Alkynes from 1,1-Dibromoalkenes and its Application in the Total Synthesis of Natural Product Dihydroxerulin. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 553-560.	4.3	23
6	Stereoselective organocatalytic oxidation of alcohols to enals: a homologation method to prepare polyenes. <i>Chemical Communications</i> , 2016, 52, 3532-3535.	4.1	20
7	Facile Construction of Troponoid Derivatives Incorporating Imidazolin-2-one Moieties. <i>Synthesis</i> , 2020, 52, 1847-1854.	2.3	13
8	Synthesis of Aldehydes by Organocatalytic Formylation Reactions of Boronic Acids with Glyoxylic Acid. <i>Angewandte Chemie</i> , 2017, 129, 8313-8317.	2.0	8
9	Facile and practical hydrodehalogenations of organic halides enabled by calcium hydride and palladium chloride. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4685-4692.	4.5	8
10	Iron-Catalyzed Anti-Markovnikov Hydroamination of Vinylpyridines. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 694-697.	2.7	7
11	Enantioselective Construction of Functionalized Cyclopentanes by a Relay Ring-Closing Metathesis and Chiral Amine (Thio)urea-Promoted Michael Addition. <i>Synthesis</i> , 2014, 46, 2601-2607.	2.3	6
12	Aldehydes Switch Regioselectivity: a Prins Cyclization Strategy for the Synthesis of Indole-fused THFs and Indole-fused Oxepanes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2620-2625.	4.3	4
13	Discovery of a Special Intramolecular Aldol-Like Reaction in the Synthesis of Related Substance E of Tadalafil. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1878.	1.3	0