

# Longyang Dian

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Asymmetric Preparation of Polysubstituted Cyclopropanes Based on Direct Functionalization of Achiral Three-Membered Carbocycles. <i>Chemical Reviews</i> , 2018, 118, 8415-8434.	47.7	163
2	Asymmetric Copper-Catalyzed Carbomagnesiation of Cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6783-6787.	13.8	106
3	Ainsliadimer A selectively inhibits IKK $\alpha/\beta$ by covalently binding a conserved cysteine. <i>Nature Communications</i> , 2015, 6, 6522.	12.8	92
4	Rhodium-Catalyzed Arylation of Cyclopropenes Based on Asymmetric Direct Functionalization of Three-Membered Carbocycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3682-3686.	13.8	69
5	Biomimetic Syntheses of ( $\alpha^1$ )-Gochnatiolides A-C and ( $\alpha^1$ )-Ainsliadimer B. <i>Journal of the American Chemical Society</i> , 2012, 134, 12414-12417.	13.7	68
6	Organocatalytic amination of alkyl ethers via n-Bu <sub>4</sub> Ni/t-BuOOH-mediated intermolecular oxidative C(sp <sup>3</sup> ) $\rightarrow$ N bond formation: novel synthesis of hemiaminal ethers. <i>Chemical Communications</i> , 2014, 50, 11738-11741.	4.1	68
7	Asymmetric Copper-Catalyzed Carbomagnesiation of Cyclopropenes. <i>Angewandte Chemie</i> , 2017, 129, 6887-6891.	2.0	60
8	PhI(OAc) <sub>2</sub> -Mediated Intramolecular Oxidative Aryl-Aldehyde C(sp <sup>2</sup> ) $\rightarrow$ C(sp <sup>2</sup> ) Bond Formation: Metal-Free Synthesis of Acridone Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 7451-7458.	3.2	59
9	Pd-Catalyzed Enantioselective Hydroalkynylation of Cyclopropenes. <i>ACS Catalysis</i> , 2020, 10, 1289-1293.	11.2	50
10	Cobalt-Catalyzed Twofold Direct C(sp <sup>2</sup> ) $\rightarrow$ C(sp <sup>3</sup> ) Bond Coupling: Regioselective C $\rightarrow$ Alkylation of Coumarins with (Cyclo)alkyl Ethers. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2422-2426.	4.3	37
11	Cobalt-Catalyzed Diastereoselective and Enantioselective Hydrosilylation of Achiral Cyclopropenes. <i>Organic Letters</i> , 2020, 22, 4914-4918.	4.6	32
12	Organocatalytic Radical Involved Oxidative Cross-Coupling of N-Hydroxyphthalimide with Benzylic and Allylic Hydrocarbons. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3836-3842.	4.3	31
13	Biomimetic syntheses and structural elucidation of the apoptosis-inducing sesquiterpenoid trimers: ( $\alpha^1$ )-ainsliatrimers A and B. <i>Chemical Science</i> , 2013, 4, 1163.	7.4	23
14	Rhodium-Catalyzed Arylation of Cyclopropenes Based on Asymmetric Direct Functionalization of Three-Membered Carbocycles. <i>Angewandte Chemie</i> , 2018, 130, 3744-3748.	2.0	22
15	Direct functionalization of alkyl ethers to construct hemiaminal ether skeletons (HESs). <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4384-4398.	2.8	21
16	A Series of MnIII4MnII8 Single-Molecule Magnets Mediated by Intra- and Intermolecular Interactions. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2317-2326.	2.0	16
17	Transition Metal-Free Oxidative Cross-Coupling C(sp <sup>2</sup> ) $\rightarrow$ C(sp <sup>3</sup> ) Bond Formation: Regioselective C $\rightarrow$ Alkylation of Coumarins with Tertiary Amines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3090-3094.	4.3	12
18	Two MnIII4MnII8 clusters from the use of tripodal ligands showing single-molecule magnet behavior. <i>Polyhedron</i> , 2011, 30, 3088-3094.	2.2	4