

Lei Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Oxytrifluoromethylation of Allylamines with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10022-10026.	13.8	105
2	Visible-Light Photoredox-Catalyzed Remote Difunctionalizing Carboxylation of Unactivated Alkenes with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21121-21128.	13.8	102
3	CO ₂ = CO + [O]: recent advances in carbonylation of C-H bonds with CO ₂ . <i>Chemical Communications</i> , 2020, 56, 8355-8367.	4.1	87
4	Recent advances in asymmetric synthesis with CO ₂ . <i>Science China Chemistry</i> , 2020, 63, 1336-1351.	8.2	74
5	Catalytic Lactonization of Unactivated Aryl C-H Bonds with CO ₂ : Experimental and Computational Investigation. <i>Organic Letters</i> , 2018, 20, 3776-3779.	4.6	64
6	Pd-catalyzed carbonylation of aryl C-H bonds in benzamides with CO ₂ . <i>Organic Chemistry Frontiers</i> , 2018, 5, 2086-2090.	4.5	46
7	Lactonization of C(sp ²)-H Bonds in Enamides with CO ₂ . <i>Chinese Journal of Chemistry</i> , 2018, 36, 430-436.	4.9	44
8	Visible-Light Photoredox-Catalyzed Carboxylation of Activated C(sp ³)-O Bonds with CO ₂ . <i>ACS Catalysis</i> , 2022, 12, 18-24.	11.2	39
9	Visible-light photoredox-catalyzed umpolung carboxylation of carbonyl compounds with CO ₂ . <i>Nature Communications</i> , 2021, 12, 3306.	12.8	37
10	Transition-metal-free lactamization of C(sp ³)-H bonds with CO ₂ : facile generation of pyrido[1,2- <i>a</i>]pyrimidin-4-ones. <i>Green Chemistry</i> , 2020, 22, 28-32.	9.0	30
11	New C18-Diterpenoid Alkaloids from <i>Delphinium anthriscifolium</i> var. <i>savatieri</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 918-921.	1.3	28
12	Visible-Light Photoredox-Catalyzed Ring-Opening Carboxylation of Cyclic Oxime Esters with CO ₂ . <i>ChemSusChem</i> , 2020, 13, 6312-6317.	6.8	28
13	New C19- and C18-Diterpenoid Alkaloids from <i>Delphinium anthriscifolium</i> var. <i>savatieri</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 158-161.	1.3	22
14	Visible-Light Photoredox-Catalyzed Remote Difunctionalizing Carboxylation of Unactivated Alkenes with CO ₂ . <i>Angewandte Chemie</i> , 2020, 132, 21307-21314.	2.0	21
15	Selective Oxytrifluoromethylation of Allylamines with CO ₂ . <i>Angewandte Chemie</i> , 2016, 128, 10176-10180.	2.0	18
16	Arylation of Aniline C(sp ³)-H Bonds with Phenols via an In Situ Activation Strategy. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 537-541.	2.7	17
17	Transition-metal-free synthesis of thiazolidin-2-ones and 1,3-thiazinan-2-ones from arylamines, elemental sulfur and CO ₂ . <i>Green Chemistry</i> , 2021, 23, 274-279.	9.0	17
18	Piepunine, A Novel Bis-diterpenoid Alkaloid from the Roots of <i>Aconitum piepunense</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 2251-2255.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Conversional synthesis and cytotoxic evaluation of novel taxoid analogs. Journal of Asian Natural Products Research, 2011, 13, 787-798.	1.4	5
20	Back Cover: Lactonization of C(sp ²)-H Bonds in Enamides with CO ₂ (Chin. J. Chem. 5/2018). Chinese Journal of Chemistry, 2018, 36, 472-472.	4.9	0