

Xiaoyan Luo

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19
papers

324
citations

10
h-index

17
g-index

21
ext. papers

404
ext. citations

5.2
avg, IF

3.34
L-index

#	Paper	IF	Citations
19	DDQ-mediated oxidative coupling: an approach to 2,3-dicyanofuran (thiophene). <i>Journal of Organic Chemistry</i> , 2014 , 79, 1156-65	4.2	58
18	Regioselective metal-free one-pot synthesis of functionalized 2-aminothiophene derivatives. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4611-7	4.2	44
17	Asymmetric Synthesis of cis-3,4-Dihydrocoumarins via [4 + 2] Cycloadditions Catalyzed by Amidine Derivatives. <i>Journal of Organic Chemistry</i> , 2017 , 82, 5424-5432	4.2	32
16	Regioselective Iodine-Catalyzed Construction of Polysubstituted Pyrroles from Allenes and Enamines. <i>Journal of Organic Chemistry</i> , 2016 , 81, 8653-8	4.2	30
15	Direct synthesis of polysubstituted 2-aminothiophenes by Cu(II)-catalyzed addition/oxidative cyclization of alkynoates with thioamides. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8473-9	3.9	22
14	Synthesis of Polysubstituted 3-Aminothiophenes from Thioamides and Allenes via Tandem Thio-Michael Addition/Oxidative Annulation and 1,2-Sulfur Migration. <i>Journal of Organic Chemistry</i> , 2018 , 83, 1538-1542	4.2	21
13	Diastereodivergent Asymmetric Michael Addition of Cyclic Azomethine Ylides to Nitroalkenes: Direct Approach for the Synthesis of 1,7-Diazaspiro[4.4]nonane Diastereoisomers. <i>Chemistry - A European Journal</i> , 2015 , 21, 19048-57	4.8	21
12	Double Electrophilic Addition of Allene-1,3-Dicarboxylic Esters for the Construction of Polysubstituted Furans by KI/tert-Butyl Hydroperoxide (TBHP)-Promoted Oxidative Annulation. <i>Chemistry - A European Journal</i> , 2016 , 22, 9348-55	4.8	20
11	Stereoselective Synthesis of Pyrrolidines Containing a 3-Fluoro Quaternary Stereocenter via Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11144-11149	4.2	18
10	Synergistic Catalysis for Asymmetric [3 + 2] Cycloadditions of 2-Indolylmethanols with α -Unsaturated Aldehydes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11186-11194	4.2	16
9	Highly Substituted Cyclopentenones Formation via a Stereoselective Tandem CDC Reaction and Cyclization. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 2834-2838	4.9	8
8	Organocatalytic Asymmetric Inverse-Electron-Demand Diels-Alder Reaction of Pyrrolidone-Dienes with Enals. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4302-4313	5.6	7
7	A highly efficient BF ₃ Et ₂ O-catalysed intramolecular [3+2] cycloaddition for the synthesis of 3,4-dihydrobenzopyrano[3,4-c]pyrazoles. <i>RSC Advances</i> , 2013 , 3, 1687-1690	3.7	6
6	Diastereo- and Enantioselective Synthesis of Eight-Membered Heterocycles via an Allylation/Ring Expansion Sequence Enabled by Multiple Catalysis. <i>ACS Catalysis</i> , 12557-12564	13.1	6
5	Thio-Michael addition of thioamides and allenenes for the selective construction of polysubstituted 2-arylthiophenes via TBAI/HO promoted tandem oxidative annulation and 1,2-sulfur migration. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8253-8257	3.9	5
4	Copper(I)-catalyzed asymmetric [3 + 3] annulation involving aziridines to construct tetrahydro- β -carboline. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3393-3398	5.2	4
3	Kinetic resolution of 2H-azirines via Cu(I)-catalyzed asymmetric 1,3-dipolar cycloaddition of azomethine ylides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3247-3252	5.2	3

- 2 Construction of 3-Azabicyclo[3.1.0]hexane Backbone by the Reaction of Allenes with Allylamines via Tandem Michael Addition and Copper-Mediated Oxidative Carbanion Cyclization. *Chinese Journal of Chemistry*, **2021**, 39, 666-670 4.9 2
- 1 Synthesis of 3-Methyl-2,6-dimethylbicyclo[3.3.1]nonane-exo-2,exo-6-diol. *Synthetic Communications*, **2009**, 39, 3934-3939 1.7