

Guangke He

List of Publications by Year in descending order

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papers

510
citations

567281

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26
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times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu(I)- or Ag(I)-Catalyzed Regio- and Stereocontrolled <i>trans</i> -Hydrofluorination of Ynamides. <i>Organic Letters</i> , 2016, 18, 1856-1859.	4.6	62
2	Controlled Synthesis of 1,3,5-Oxadiazin-2-ones and Oxazolones through Regioselective Iodocyclization of Ynamides. <i>Organic Letters</i> , 2015, 17, 2510-2513.	4.6	43
3	DMF-Catalyzed Direct and Regioselective C-H Functionalization: Electrophilic/Nucleophilic 4-Halogenation of 3-Oxypyridazoles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5323-5330.	2.4	38
4	Studies on copper-catalyzed highly regio- and stereo-selective hydroboration of alkynamides. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5945.	2.8	37
5	Palladium-Catalyzed Intramolecular Cyclization of Ynamides: Synthesis of 4-Halo-oxazolones. <i>Journal of Organic Chemistry</i> , 2015, 80, 3480-3487.	3.2	36
6	Highly selective and sensitive gold nanoparticle-based colorimetric assay for PO4 ³⁻ in aqueous solution. <i>Talanta</i> , 2013, 106, 73-78.	5.5	34
7	(IPr)CuF-catalyzed β -site regiocontrolled <i>trans</i> -hydrofluorination of ynamides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7746-7753.	2.8	33
8	Iodine-Mediated Oxidation of Ynamides: A Facile Access to <i>N</i> -Monosubstituted β -Ketoamides and β -Ketoimides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7174-7183.	2.4	27
9	Regioselective iodoamination of terminal ynamides for the synthesis of β -amino- β,β -diiodo-enamides. <i>Chemical Communications</i> , 2016, 52, 4321-4324.	4.1	24
10	Synthesis, Crystal Structure, and Fungicidal Activity of Novel 1,5-Diaryla-1-H-pyrazol-3-Oxy Derivatives Containing Oxyacetic Acid or Oxy(2-thioxothiazolidin-3-yl)ethanone Moieties. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1370-1375.	2.6	22
11	Metal-free hydration of ynamides: convenient approach to amides. <i>Tetrahedron Letters</i> , 2016, 57, 1873-1876.	1.4	20
12	Generation of Oxazolidinone-2,4-diones Bearing Sulfur-Substituted Quaternary Carbon Atoms by Oxothiolation/Cyclization of Ynamides. <i>Chemistry - A European Journal</i> , 2016, 22, 2532-2538.	3.3	19
13	Formation of β -chalcogenyl acrylamides through unprecedented chalcogen-mediated metal-free oxyfunctionalization of ynamides with DMSO as an oxidant. <i>Chemical Communications</i> , 2016, 52, 5605-5608.	4.1	19
14	Copper(I)-Catalyzed Highly Regio- and Stereoselective Boron Addition-Protonolysis of Alkynamides to give Alkenamides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6979-6989.	2.4	18
15	Continuous three-phase 2-butanone ammoxidation process via spray forming TS-1 microspheres in a highly efficient jet loop reactor. <i>Chemical Engineering Journal</i> , 2017, 325, 169-175.	12.7	18
16	A highly efficient, ligand-free and recyclable SBA-15 supported Cu ₂ O catalyzed cyanation of aryl iodides with potassium hexacyanoferrate(II). <i>RSC Advances</i> , 2014, 4, 37773-37778.	3.6	15
17	Selectfluor [®] -catalyzed oxidative cyclization of ynamides enables facile synthesis of oxazolidinone-2,4-diones. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3644-3648.	4.5	13
18	Green synthesis of low-carbon chain nitroalkanes via a novel tandem reaction of ketones catalyzed by TS-1. <i>Catalysis Communications</i> , 2018, 108, 46-50.	3.3	11

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19	Pd/Cu-Catalyzed tandem head-to-tail dimerization/cycloisomerization of terminal ynamides for the synthesis of 5-vinylloxazolones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2923-2930.	2.8	7
20	Pyrrolidine-catalyzed Annulations of Quinone Monoacetals with Naphthols: Synthesis of 2-oxabicyclo[3.3.1]nonane Skeletons, Transformations and Reaction Mechanism. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 622-636.	4.3	5
21	A new and efficient synthetic method for the herbicide carfentrazone-ethyl based on the Heck reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 5797-5808.	2.7	4
22	PhI(OAc) ₂ -mediated trifluoromethylthiolation/oxidative cyclization of ynamides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8746-8753.	2.8	3
23	An efficient procedure for synthesis of 2-formylcyclopent-2-enecarboxylic acid. <i>Research on Chemical Intermediates</i> , 2015, 41, 6033-6039.	2.7	1
24	Solvent-induced aggregation based on a heteroleptic Ir(III) complex via hydrogen bonds. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6941-6949.	5.5	1
25	Synthesis, Photophysics, and Electronic Structures of Benzene-linked Bispyrimidine Compounds. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 346-353.	2.7	0