

Dong Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

456
citations

14
h-index

20
g-index

35
ext. papers

582
ext. citations

4.9
avg, IF

4.02
L-index

#	Paper	IF	Citations
29	Natural Prenylchalconaringenins and Prenylnaringenins as Antidiabetic Agents: α -Glucosidase and α -Amylase Inhibition and in Vivo Antihyperglycemic and Antihyperlipidemic Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 1574-1581	5.7	60
28	Inhibitory activity evaluation and mechanistic studies of tetracyclic oxindole derivatives as α -glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 365-378	6.8	32
27	Recent Advances in the Synthesis of C2-Functionalized Pyridines and Quinolines Using N-Oxide Chemistry. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 2-39	5.6	31
26	Synthesis of 6-hydroxyaurone analogues and evaluation of their α -glucosidase inhibitory and glucose consumption-promoting activity: Development of highly active 5,6-disubstituted derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3226-3230	2.9	30
25	A practical and mild chlorination of fused heterocyclic N-oxides. <i>Tetrahedron Letters</i> , 2014 , 55, 7130-7132		27
24	Strategic Approach to 8-Azacoumarins. <i>Organic Letters</i> , 2017 , 19, 984-987	6.2	24
23	A highly practical and convenient halogenation of fused heterocyclic N-oxides. <i>Tetrahedron</i> , 2016 , 72, 5762-5768	2.4	24
22	Exploring the pH dependence of viologen reduction by alpha-carbon radicals derived from HCy and Cys. <i>Chemical Communications</i> , 2009 , 1876-8	5.8	23
21	A General and Efficient Synthesis of 2-Pyridones, 2-Quinolinones, and 1-Isoquinolinones from Azine N-Oxides. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1442-1446	3	23
20	Targeting prohibitin with small molecules to promote melanogenesis and apoptosis in melanoma cells. <i>European Journal of Medicinal Chemistry</i> , 2018 , 155, 880-888	6.8	19
19	Access to 8-Azachromones via Activation of C-H in N-Oxides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11275-11288	5.2	18
18	Strategic C-C Bond-Forming Dearomatization of Pyridines and Quinolines. <i>Organic Letters</i> , 2019 , 21, 4450-4463	5.17	17
17	Metal- and base-free regioselective thiolation of the methyl C(sp ³)H bond in 2-picoline N-oxides. <i>Green Chemistry</i> , 2019 , 21, 157-163	10	17
16	Prohibitin ligands: a growing armamentarium to tackle cancers, osteoporosis, inflammatory, cardiac and neurological diseases. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 3525-3546	10.3	14
15	One-carbon bridge stereocontrol in robinson annulations leading to bicyclo[3.3.1]nonanes. <i>Organic Letters</i> , 2010 , 12, 1232-5	6.2	13
14	Access to Furo[2,3-b]pyridines by Transition-Metal-Free Intramolecular Cyclization of C3-substituted Pyridine N-oxides. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 879-882	3	9
13	Transition-metal-free access to 7-azaindoles. <i>Tetrahedron</i> , 2018 , 74, 4100-4110	2.4	9

12	Catalyst-free three-component synthesis of highly functionalized 2,3-dihydropyrroles. <i>Green Chemistry</i> , 2018 , 20, 2775-2780	10	9
11	Recent advances in the synthesis of 2,3-dihydropyrroles. <i>Chemical Communications</i> , 2020 , 56, 5584-5592	5.8	8
10	One-Pot Selective Saturation and Functionalization of Heteroaromatics Leading to Dihydropyridines and Dihydroquinolines. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5027-5037	4.2	6
9	A facile approach to tricyclo[6.4.0.0 ^{4,9}]-dodecane framework. <i>Chinese Chemical Letters</i> , 2015 , 26, 238-248	4.1	5
8	SFPH proteins as therapeutic targets for a myriad of diseases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127600	2.9	5
7	Stereoselective Four-Component Synthesis of Functionalized 2,3-Dihydro-4-Nitropyrroles. <i>Frontiers in Chemistry</i> , 2019 , 7, 810	5	4
6	The prohibitin-binding compound fluorizoline affects multiple components of the translational machinery and inhibits protein synthesis. <i>Journal of Biological Chemistry</i> , 2020 , 295, 9855-9867	5.4	3
5	A One-Pot Dearomative Approach to C4-Alkylated Tetrahydropyridines and Tetrahydroquinolines. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1571-1575	3	3
4	Accessing 1,8-Naphthyridones by Metal-Free Regioselective Amination of Pyridine N-oxides/Acid-Mediated Cyclization. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 3841-3845	5.6	3
3	Facile and Efficient Synthesis of Tri- and Tetrasubstituted 7-Azabenzofuran Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 749-752	3	2
2	Scalable synthesis of a tetrasubstituted 7-azabenzofuran as a key intermediate for a class of potent HCV NS5B inhibitors. <i>Tetrahedron</i> , 2020 , 76, 131642	2.4	2
1	Mechanism and origin of stereoselectivity in Robinson annulations leading to bicyclo[3.3.1]nonanes: a rare Curtin-Bammet scenario. <i>Journal of Physical Organic Chemistry</i> , 2017 , 30, e3595	2.1	1