

Xiaoyang Shan

List of Publications by Year in Descending Order

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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.

15
papers

1,374
citations

11
h-index

16
g-index

16
ext. papers

1,614
ext. citations

9.3
avg. IF

4.03
L-index

#	Paper	IF	Citations
15	Quantifying lysosomal glycosidase activity within cells using bis-acetal substrates.. <i>Nature Chemical Biology</i> , 2022 ,	11.7	1
14	Selective Fluorogenic β -Glucocerebrosidase Substrates for Convenient Analysis of Enzyme Activity in Cell and Tissue Homogenates. <i>ACS Chemical Biology</i> , 2020 , 15, 824-829	4.9	2
13	Pharmacological Inhibition of O-GlcNAcase Enhances Autophagy in Brain through an mTOR-Independent Pathway. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1366-1379	5.7	32
12	Metabolic Inhibitors of O-GlcNAc Transferase That Act In Vivo Implicate Decreased O-GlcNAc Levels in Leptin-Mediated Nutrient Sensing. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7644-7648	16.4	35
11	Metabolic Inhibitors of O-GlcNAc Transferase That Act In Vivo Implicate Decreased O-GlcNAc Levels in Leptin-Mediated Nutrient Sensing. <i>Angewandte Chemie</i> , 2018 , 130, 7770-7774	3.6	4
10	A Convenient Approach to Stereoisomeric Iminocyclitols: Generation of Potent Brain-Permeable OGA Inhibitors. <i>Angewandte Chemie</i> , 2015 , 127, 15649-15653	3.6	6
9	A Convenient Approach to Stereoisomeric Iminocyclitols: Generation of Potent Brain-Permeable OGA Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15429-33	16.4	31
8	Fluorescence-quenched substrates for live cell imaging of human glucocerebrosidase activity. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1181-9	16.4	46
7	Pharmacological inhibition of O-GlcNAcase (OGA) prevents cognitive decline and amyloid plaque formation in bigenic tau/APP mutant mice. <i>Molecular Neurodegeneration</i> , 2014 , 9, 42	19	87
6	The emerging link between O-GlcNAc and Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2014 , 289, 34472-81	5.4	151
5	Reduced protein O-glycosylation in the nervous system of the mutant SOD1 transgenic mouse model of amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2012 , 516, 296-301	3.3	28
4	Increasing O-GlcNAc slows neurodegeneration and stabilizes tau against aggregation. <i>Nature Chemical Biology</i> , 2012 , 8, 393-9	11.7	375
3	Elevation of Global O-GlcNAc in rodents using a selective O-GlcNAcase inhibitor does not cause insulin resistance or perturb glucohomeostasis. <i>Chemistry and Biology</i> , 2010 , 17, 949-58		63
2	Mislocalization of TDP-43 in the G93A mutant SOD1 transgenic mouse model of ALS. <i>Neuroscience Letters</i> , 2009 , 458, 70-4	3.3	49
1	A potent mechanism-inspired O-GlcNAcase inhibitor that blocks phosphorylation of tau in vivo. <i>Nature Chemical Biology</i> , 2008 , 4, 483-90	11.7	464