Xiaoyang Shan

List of Publications by Citations

15	1,374	11	16
papers	citations	h-index	g-index
16	1,614	9.3	4.03
ext. papers	ext. citations	avg, IF	L-index

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