Zixu Mao

List of Publications by Year
in descending order

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25	4,361	471509 17	580821 25
papers	citations	h-index	g-index

26	26	26	11038
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	p38 MAPK inhibits autophagy and promotes microglial inflammatory responses by phosphorylating ULK1. Journal of Cell Biology, 2018, 217, 315-328.	5.2	202
3	Direct regulation of complex I by mitochondrial MEF2D is disrupted in a mouse model of Parkinson disease and in human patients. Journal of Clinical Investigation, 2011, 121, 930-940.	8.2	155
4	Calcineurin Enhances MEF2 DNA Binding Activity in Calcium-dependent Survival of Cerebellar Granule Neurons. Journal of Biological Chemistry, 1999, 274, 31102-31107.	3.4	135
5	Chaperone-mediated autophagy: machinery, regulation and biological consequences. Cellular and Molecular Life Sciences, 2011, 68, 749-763.	5.4	106
6	Phosphorylation of LAMP2A by p38 MAPK couples ER stress to chaperone-mediated autophagy. Nature Communications, 2017, 8, 1763.	12.8	97
7	The emerging roles of vacuolar-type ATPase-dependent Lysosomal acidification in neurodegenerative diseases. Translational Neurodegeneration, 2020, 9, 17.	8.0	89
8	Stress Induces p38 MAPK-Mediated Phosphorylation and Inhibition of Drosha-Dependent Cell Survival. Molecular Cell, 2015, 57, 721-734.	9.7	72
9	Regulation of ER stress-induced autophagy by GSK3Î²-TIP60-ULK1 pathway. Cell Death and Disease, 2016, 7, e2563-e2563.	6.3	58
10	De novo mutation in ATP6V1B2 impairs lysosome acidification and causes dominant deafness-onychodystrophy syndrome. Cell Research, 2014, 24, 1370-1373.	12.0	52
11	Naturally Existing Oncolytic Virus M1 Is Nonpathogenic for the Nonhuman Primates After Multiple Rounds of Repeated Intravenous Injections. Human Gene Therapy, 2016, 27, 700-711.	2.7	37
12	Chaperone-mediated autophagy: roles in neurodegeneration. Translational Neurodegeneration, 2014, 3, 20.	8.0	29
13	Endoplasmic reticulum stress mediates distinct impacts of sevoflurane on different subfields of immature hippocampus. Journal of Neurochemistry, 2017, 142, 272-285.	3.9	28
14	Chaperone-mediated autophagy: Advances from bench to bedside. Neurobiology of Disease, 2019, 122, 41-48.	4.4	28
15	Signaling and induction of chaperone-mediated autophagy by the endoplasmic reticulum under stress conditions. Autophagy, 2018, 14, 1-3.	9.1	27
16	Perturbation of Transcription Factor Nur77 Expression Mediated by Myocyte Enhancer Factor 2D (MEF2D) Regulates Dopaminergic Neuron Loss in Response to 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Journal of Biological Chemistry, 2013, 288, 14362-14371.	3.4	26
17	Chaperone-mediated autophagy controls the turnover of E3 ubiquitin ligase MARCHF5 and regulates mitochondrial dynamics. Autophagy, 2021, 17, 2923-2938.	9.1	26
18	Chaperoneâ€mediated autophagy degrades Keap1 and promotes Nrf2â€mediated antioxidative response. Aging Cell, 2022, 21, e13616.	6.7	19

#	Article	IF	Citations
19	Release the autophage brake on inflammation: The MAPK14/p38Î±-ULK1 pedal. Autophagy, 2018, 14, 1-2.	9.1	17
20	p38 MAPKâ€mediated loss of nuclear RNase III enzyme Drosha underlies amyloid betaâ€induced neuronal stress in Alzheimer's disease. Aging Cell, 2021, 20, e13434.	6.7	14
21	Loss of Drosha underlies dopaminergic neuron toxicity in models of Parkinsonâ€™s disease. Cell Death and Disease, 2018, 9, 693.	6.3	11
22	Study of ATM Phosphorylation by Cdk5 in Neuronal Cells. Methods in Molecular Biology, 2017, 1599, 363-374.	0.9	4
23	Regulatory coupling between long noncoding RNAs and senescence in irradiated microglia. Journal of Neuroinflammation, 2020, 17, 321.	7.2	4
24	Autophagy in inflammation: the p38Î± MAPK-ULK1 axis. Macrophage, 2018, 5, .	1.0	2
25	The Question of Cell Cycle Reentry by Mature Neurons in Response to Amyloid-Î² and Tau Pathology. Journal of Alzheimer's Disease, 2009, 17, 49-51.	2.6	1