Chun Guo

List of Publications by Year
in descending order

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21	2,349	687363 13	888059 17
papers	citations	h-index	g-index

22	22	22	3414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The SUMO protease SENP3 regulates mitochondrial autophagy mediated by Fis1. EMBO Reports, 2022, 23, e48754.	4.5	24
2	Iron chelation promotes mitophagy through SENP3-mediated deSUMOylation of FIS1. Autophagy, 2022, , 1-3.	9.1	3
3	A combined modelling and experimental study of heat shock factor SUMOylation in response to heat shock. Journal of Theoretical Biology, 2021, 530, 110877.	1.7	0
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (edition	9.1	1,430
5	SENP3 Promotes an Mff-Primed Bcl-xL-Drp1 Interaction Involved in Cell Death Following Ischemia. Frontiers in Cell and Developmental Biology, 2021, 9, 752260.	3.7	4
6	Towards Data-Driven Modelling of Sumoylation Following Heat Shock. , 2020, , .		0
7	SENP3-mediated deSUMOylation of Drp1 facilitates interaction with Mff to promote cell death. Scientific Reports, 2017, 7, 43811.	3.3	54
8	229â€…Role of sumoylation and desumoylation of mitochondrial fission proteins in myocardial ischaemia-reperfusion injury. Heart, 2017, 103, A147-A148.	2.9	0
9	Commentary: Analysis of SUMO1-conjugation at synapses. Frontiers in Cellular Neuroscience, 2017, 11, 345.	3.7	19
10	Increased SUMO-2/3-ylation mediated by SENP3 degradation is protective against cadmium-induced caspase 3â€“dependent cytotoxicity. Journal of Toxicological Sciences, 2017, 42, 529-538.	1.5	12
11	Wrestling with stress: Roles of protein SUMOylation and deSUMOylation in cell stress response. IUBMB Life, 2014, 66, 71-77.	3.4	97
12	SENP3-mediated deSUMOylation of dynamin-related protein 1 promotes cell death following ischaemia. EMBO Journal, 2013, 32, 1514-1528.	7.8	177
13	An Improved Transplantation Strategy for Mouse Mesenchymal Stem Cells in an Acute Myocardial Infarction Model. PLoS ONE, 2011, 6, e21005.	2.5	32
14	Differential Regulation of Elastic Fiber Formation by Fibulin-4 and -5. Journal of Biological Chemistry, 2009, 284, 24553-24567.	3.4	98
15	The Î²-Arrestin-2 Scaffold Protein Promotes c-Jun N-terminal Kinase-3 Activation by Binding to Its Nonconserved N Terminus. Journal of Biological Chemistry, 2008, 283, 15903-15911.	3.4	48
16	185 Abnormal electrical function of the heart caused by loss of integrin alpha7gene. European Journal of Heart Failure, Supplement, 2007, 6, 43-43.	0.0	0
17	The regulation of Bax by c-Jun N-terminal protein kinase (JNK) is a prerequisite to the mitochondrial-induced apoptotic pathway. FEBS Letters, 2006, 580, 1320-1326.	2.8	82
18	Absence of Î±7 integrin in dystrophin-deficient mice causes a myopathy similar to Duchenne muscular dystrophy. Human Molecular Genetics, 2006, 15, 989-998.	2.9	97

#	Article	IF	Citations
19	Paradigmatic identification of MMP-2 and MT1-MMP activation systems in cardiac fibroblasts cultured as a monolayer. Journal of Cellular Biochemistry, 2005, 94, 446-459.	2.6	8
20	Targeted Deletion of mek5 Causes Early Embryonic Death and Defects in the Extracellular Signal-Regulated Kinase 5/Myocyte Enhancer Factor 2 Cell Survival Pathway. Molecular and Cellular Biology, 2005, 25, 336-345.	2.3	115
21	Type I Collagen-induced MMP-2 Activation Coincides with Up-regulation of Membrane Type 1-Matrix Metalloproteinase and TIMP-2 in Cardiac Fibroblasts. Journal of Biological Chemistry, 2003, 278, 46699-46708.	3.4	49