

Dianbo Qu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,186
citations

430442

18
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

1890
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Cdk5-Mediated Phosphorylation of Prx2 in MPTP Toxicity and Parkinson's Disease. <i>Neuron</i> , 2007, 55, 37-52.	3.8	225
2	Deletion of the WD40 Domain of LRRK2 in Zebrafish Causes Parkinsonism-Like Loss of Neurons and Locomotive Defect. <i>PLoS Genetics</i> , 2010, 6, e1000914.	1.5	114
3	The role of Cdk5-mediated apurinic/apyrimidinic endonuclease 1 phosphorylation in neuronal death. <i>Nature Cell Biology</i> , 2010, 12, 563-571.	4.6	109
4	PINK1-mediated phosphorylation of LETM1 regulates mitochondrial calcium transport and protects neurons against mitochondrial stress. <i>Nature Communications</i> , 2017, 8, 1399.	5.8	87
5	Essential Role of Cytoplasmic cdk5 and Prx2 in Multiple Ischemic Injury Models, <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2009, 29, 12497-12505.	1.7	72
6	Progressive dopaminergic cell loss with unilateral-to-bilateral progression in a genetic model of Parkinson disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15918-15923.	3.3	72
7	The Protein SET Binds the Neuronal Cdk5 Activator p35 and Modulates Cdk5/p35 Activity. <i>Journal of Biological Chemistry</i> , 2002, 277, 7324-7332.	1.6	62
8	The Chk1/Cdc25A Pathway as Activators of the Cell Cycle in Neuronal Death Induced by Camptothecin. <i>Journal of Neuroscience</i> , 2006, 26, 8819-8828.	1.7	53
9	BAG2 Gene-mediated Regulation of PINK1 Protein Is Critical for Mitochondrial Translocation of PARKIN and Neuronal Survival. <i>Journal of Biological Chemistry</i> , 2015, 290, 30441-30452.	1.6	52
10	Identification of Nuclear Import Mechanisms for the Neuronal Cdk5 Activator. <i>Journal of Biological Chemistry</i> , 2006, 281, 39014-39021.	1.6	51
11	DJ-1 Interacts with and Regulates Paraoxonase-2, an Enzyme Critical for Neuronal Survival in Response to Oxidative Stress. <i>PLoS ONE</i> , 2014, 9, e106601.	1.1	42
12	Pink1 regulates FKBP5 interaction with AKT/PHLPP and protects neurons from neurotoxin stress induced by MPP ⁺ . <i>Journal of Neurochemistry</i> , 2019, 150, 312-329.	2.1	37
13	Regulation of the VHL/HIF-1 Pathway by DJ-1. <i>Journal of Neuroscience</i> , 2014, 34, 8043-8050.	1.7	34
14	The nuclear localization of SET mediated by imp ¹ 3/imp ¹ 2 attenuates its cytosolic toxicity in neurons. <i>Journal of Neurochemistry</i> , 2007, 103, 408-422.	2.1	29
15	DJ-1 modulates the unfolded protein response and cell death via upregulation of ATF4 following ER stress. <i>Cell Death and Disease</i> , 2019, 10, 135.	2.7	29
16	Protein-Protein Interactions in Cdk5 Regulation and Function. <i>NeuroSignals</i> , 2003, 12, 230-238.	0.5	28
17	U18666A-mediated apoptosis in cultured murine cortical neurons: Role of caspases, calpains and kinases. <i>Cellular Signalling</i> , 2006, 18, 1572-1583.	1.7	20
18	Pim ¹ kinase as activator of the cell cycle pathway in neuronal death induced by DNA damage. <i>Journal of Neurochemistry</i> , 2010, 112, 497-510.	2.1	20

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19	Fbxo7 and Pink1 play a reciprocal role in regulating their protein levels. <i>Aging</i> , 2021, 13, 77-88.	1.4	12
20	Cdk5: Links to DNA damage. <i>Cell Cycle</i> , 2010, 9, 3142-3143.	1.3	10
21	The pro-death role of Cited2 in stroke is regulated by E2F1/4 transcription factors. <i>Journal of Biological Chemistry</i> , 2019, 294, 8617-8629.	1.6	10
22	Rapid and accurate diagnosis of brain abscess caused by <i>Nocardia asiatica</i> with a combination of Ziehl-Neelsen staining and metagenomics next-generation sequencing. <i>European Journal of Neurology</i> , 2021, 28, 355-357.	1.7	10
23	Germ-line variation at a functional p53 binding site increases susceptibility to breast cancer development. <i>The HUGO Journal</i> , 2009, 3, 31-40.	4.1	5
24	Cdk5-mediated JIP1 phosphorylation regulates axonal outgrowth through Notch1 inhibition. <i>BMC Biology</i> , 2022, 20, 115.	1.7	3