D C Ng

List of Publications by Year
in descending order

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59 papers	2,335 citations	236612 25 h-index	223531 46 g-index
59 all docs	59 docs citations	59 times ranked	4135 citing authors

#	Article	IF	Citations
1	c-Jun N-terminal kinase (JNK) signaling: Recent advances and challenges. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 463-475.	1.1	257
2	Stat3 regulates microtubules by antagonizing the depolymerization activity of stathmin. Journal of Cell Biology, 2006, 172, 245-257.	2.3	241
3	GRIM-19, a Cell Death Regulatory Protein, Is Essential for Assembly and Function of Mitochondrial Complex I. Molecular and Cellular Biology, 2004, 24, 8447-8456.	1.1	182
4	Factors that influence adult neurogenesis as potential therapy. Translational Neurodegeneration, 2018, 7, 4.	3.6	134
5	Tracking protein aggregation and mislocalization in cells with flow cytometry. Nature Methods, 2012, 9, 467-470.	9.0	111
6	C-Jun N-terminal kinase controls TDP-43 accumulation in stress granules induced by oxidative stress. Molecular Neurodegeneration, 2011, 6, 57.	4.4	103
7	Stat3 promotes directional cell migration by regulating Rac1 activity via its activator Î²PIX. Journal of Cell Science, 2009, 122, 4150-4159.	1.2	84
8	Severe Heart Failure and Early Mortality in a Double-Mutation Mouse Model of Familial Hypertrophic Cardiomyopathy. Circulation, 2008, 117, 1820-1831.	1.6	71
9	WD40-repeat protein 62 is a JNK-phosphorylated spindle pole protein required for spindle maintenance and timely mitotic progression.. Journal of Cell Science, 2012, 125, 5096-109.	1.2	69
10	A Role for the Extracellular Signal-regulated Kinase and p38 Mitogen-activated Protein Kinases in Interleukin-1Î²-stimulated Delayed Signal Tranducer and Activator of Transcription 3 Activation, Atrial Natriuretic Factor Expression, and Cardiac Myocyte Morphology. Journal of Biological Chemistry, 2001, 276, 29490-29498.	1.6	65
11	Intact Mitochondrial Electron Transport Function is Essential for Signalling by Hydrogen Peroxide in Cardiac Myocytes. Journal of Molecular and Cellular Cardiology, 2000, 32, 1469-1480.	0.9	55
12	Activation of signal transducer and activator of transcription (STAT) pathways in failing human hearts. Cardiovascular Research, 2003, 57, 333-346.	1.8	51
13	Selective STAT3-Î± or -Î² expression reveals spliceform-specific phosphorylation kinetics, nuclear retention and distinct gene expression outcomes. Biochemical Journal, 2012, 447, 125-136.	1.7	48
14	Loss of miR-223 and JNK Signaling Contribute to Elevated Stathmin in Malignant Pleural Mesothelioma. Molecular Cancer Research, 2015, 13, 1106-1118.	1.5	44
15	A Truncated Fragment of Src Protein Kinase Generated by Calpain-mediated Cleavage Is a Mediator of Neuronal Death in Excitotoxicity. Journal of Biological Chemistry, 2013, 288, 9696-9709.	1.6	42
16	The Mechanism of Heat Shock Activation of ERK Mitogen-activated Protein Kinases in the Interleukin 3-dependent ProB Cell Line BaF3. Journal of Biological Chemistry, 2000, 275, 40856-40866.	1.6	41
17	Opposing roles for JNK and Aurora A in regulating WD40-Repeat Protein 62 association with spindle microtubules. Journal of Cell Science, 2015, 128, 527-40.	1.2	41
18	Taking the Cell by Stealth or Storm? Protein Transduction Domains (PTDs) as Versatile Vectors for Delivery. DNA and Cell Biology, 2002, 21, 879-894.	0.9	38

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19	A beacon of hope in stroke therapyâ€"Blockade of pathologically activated cellular events in excitotoxic neuronal death as potential neuroprotective strategies. , 2016, 160, 159-179.		35
20	Phosphoinositide 3-Kinase (PI3K(p110Î±)) Directly Regulates Key Components of the Z-disc and Cardiac Structure*. Journal of Biological Chemistry, 2011, 286, 30837-30846.	1.6	32
21	The association of microcephaly protein WDR62 with CPAP/IFT88 is required for cilia formation and neocortical development. Human Molecular Genetics, 2020, 29, 248-263.	1.4	31
22	c-Jun N-terminal Kinase Phosphorylation of Stathmin Confers Protection against Cellular Stress. Journal of Biological Chemistry, 2010, 285, 29001-29013.	1.6	30
23	Glial-Specific Functions of Microcephaly Protein WDR62 and Interaction with the Mitotic Kinase AURKA Are Essential for Drosophila Brain Growth. Stem Cell Reports, 2017, 9, 32-41.	2.3	29
24	Characterization of a novel JNK (c-Jun N-terminal kinase) inhibitory peptide. Biochemical Journal, 2011, 434, 399-413.	1.7	27
25	Cardiac CaMKIIÎ´ splice variants exhibit target signaling specificity and confer sex-selective arrhythmogenic actions in the ischemic-reperfused heart. International Journal of Cardiology, 2015, 181, 288-296.	0.8	27
26	The Role of WD40-Repeat Protein 62 (MCPH2) in Brain Growth: Diverse Molecular and Cellular Mechanisms Required for Cortical Development. Molecular Neurobiology, 2018, 55, 5409-5424.	1.9	27
27	Cardioprotection from ischaemiaâ€"reperfusion injury by a novel flavonol that reduces activation of p38 MAPK. European Journal of Pharmacology, 2011, 658, 160-167.	1.7	26
28	Aurora A phosphorylation of WD40-repeat protein 62 in mitotic spindle regulation. Cell Cycle, 2016, 15, 413-424.	1.3	26
29	Stathmin mediates neuroblastoma metastasis in a tubulin-independent manner via RhoA/ROCK signaling and enhanced transendothelial migration. Oncogene, 2017, 36, 501-511.	2.6	25
30	Opposing Actions of Extracellular Signal-regulated Kinase (ERK) and Signal Transducer and Activator of Transcription 3 (STAT3) in Regulating Microtubule Stabilization during Cardiac Hypertrophy. Journal of Biological Chemistry, 2011, 286, 1576-1587.	1.6	24
31	Cardioprotective 3â€²,4â€²-dihydroxyflavonol attenuation of JNK and p38MAPK signalling involves CaMKII inhibition. Biochemical Journal, 2013, 456, 149-161.	1.7	22
32	c-Jun N-terminal kinase/c-Jun inhibits fibroblast proliferation by negatively regulating the levels of stathmin/oncoprotein 18. Biochemical Journal, 2010, 430, 345-354.	1.7	21
33	Evidence that the MEK/ERK but not the PI3K/Akt pathway is required for protection from myocardial ischemiaâ€"reperfusion injury by 3â€²,4â€²-dihydroxyflavonol. European Journal of Pharmacology, 2015, 758, 53-59.	1.7	21
34	cAMP-dependent Protein Kinase and c-Jun N-terminal Kinase Mediate Stathmin Phosphorylation for the Maintenance of Interphase Microtubules during Osmotic Stress. Journal of Biological Chemistry, 2014, 289, 2157-2169.	1.6	20
35	TDP-43 Mutation Affects Stress Granule Dynamics in Differentiated NSC-34 Motoneuron-Like Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 611601.	1.8	19
36	Differences in c-Jun N-terminal kinase recognition and phosphorylation of closely related stathmin-family members. Biochemical and Biophysical Research Communications, 2014, 446, 248-254.	1.0	17

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37	Quantitative proteomic analyses of dynamic signalling events in cortical neurons undergoing excitotoxic cell death. Cell Death and Disease, 2019, 10, 213.	2.7	16
38	Dual role of Src kinase in governing neuronal survival. Brain Research, 2015, 1594, 1-14.	1.1	15
39	Dynamic microtubule association of Doublecortin X (DCX) is regulated by its C-terminus. Scientific Reports, 2017, 7, 5245.	1.6	15
40	MEKK3 coordinates with FBW7 to regulate WDR62 stability and neurogenesis. PLoS Biology, 2018, 16, e2006613.	2.6	14
41	SCG10-like protein (SCLIP) is a STAT3-interacting protein involved in maintaining epithelial morphology in MCF-7 breast cancer cells. Biochemical Journal, 2010, 425, 95-108.	1.7	11
42	WDR62 Regulates Early Neural and Glial Progenitor Specification of Human Pluripotent Stem Cells. Stem Cells International, 2017, 2017, 1-9.	1.2	11
43	Intracellular mobility and nuclear trafficking of the stress-activated kinase JNK1 are impeded by hyperosmotic stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 253-264.	1.9	10
44	Protection against reperfusion injury by 3â€²,4â€²-dihydroxyflavonol in rat isolated hearts involves inhibition of phospholamban and JNK2. International Journal of Cardiology, 2018, 254, 265-271.	0.8	10
45	Cilia, Centrosomes and Skeletal Muscle. International Journal of Molecular Sciences, 2021, 22, 9605.	1.8	10
46	Small G-protein Rho is involved in the maintenance of cardiac myocyte morphology. Journal of Cellular Biochemistry, 2005, 95, 529-542.	1.2	9
47	Myoseverin disrupts sarcomeric organization in myocytes: An effect independent of microtubule assembly inhibition. Cytoskeleton, 2008, 65, 40-58.	4.4	9
48	Flavonols and Flavones â€“ Protecting Against Myocardial Ischemia/ Reperfusion Injury by Targeting Protein Kinases. Current Medicinal Chemistry, 2018, 25, 4402-4415.	1.2	9
49	Doublecortin X (DCX) serine 28 phosphorylation is a regulatory switch, modulating association of DCX with microtubules and actin filaments. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 638-649.	1.9	9
50	Identification and characterization of bi-thiazole-2,2â€²-diamines as kinase inhibitory scaffolds. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1077-1088.	1.1	8
51	Elevated levels of Drosophila Wdr62 promote glial cell growth and proliferation through AURKA signalling to AKT and MYC. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118713.	1.9	8
52	Neural regulation of the formation of skeletal muscle phosphorylase kinase holoenzyme in adult and developing rat muscle. Biochemical Journal, 1997, 325, 793-800.	1.7	6
53	The Spindle-Associated Microcephaly Protein, WDR62, Is Required for Neurogenesis and Development of the Hippocampus. Frontiers in Cell and Developmental Biology, 2020, 8, 549353.	1.8	6
54	Pathophysiological Significance of WDR62 and JNK Signaling in Human Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 640753.	1.8	6

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55	Parkinson's disease. Diagnosis and treatment. Western Journal of Medicine, 1996, 165, 234-40.	0.3	6
56	WDR62 is required for centriole duplication in spermatogenesis and manchette removal in spermiogenesis. Communications Biology, 2021, 4, 645.	2.0	5
57	Cep55 regulation of PI3K/Akt signaling is required for neocortical development and ciliogenesis. PLoS Genetics, 2021, 17, e1009334.	1.5	4
58	Pathogenic E2K mutation of doublecortin X (DCX) alters microtubule stabilisation and actin filament association. Biochemical and Biophysical Research Communications, 2019, 513, 540-545.	1.0	1
59	Stathmin and Cancer. , 2012, , 259-284.		1