

Rajappa S Kenchappa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,730
citations

361413

20
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

2782
citing authors

#	ARTICLE	IF	CITATIONS
1	The kinesin KIF1B ^{Δ2} acts downstream from Egln3 to induce apoptosis and is a potential 1p36 tumor suppressor. <i>Genes and Development</i> , 2008, 22, 884-893.	5.9	293
2	Ligand-Dependent Cleavage of the P75 Neurotrophin Receptor Is Necessary for NRIF Nuclear Translocation and Apoptosis in Sympathetic Neurons. <i>Neuron</i> , 2006, 50, 219-232.	8.1	172
3	Activation of the p75 Neurotrophin Receptor through Conformational Rearrangement of Disulphide-Linked Receptor Dimers. <i>Neuron</i> , 2009, 62, 72-83.	8.1	134
4	Induction of Proneurotrophins and Activation of p75 ^{NTR} -Mediated Apoptosis via Neurotrophin Receptor-Interacting Factor in Hippocampal Neurons after Seizures. <i>Journal of Neuroscience</i> , 2008, 28, 9870-9879.	3.6	130
5	Neurotrophin Signaling via TrkB and TrkC Receptors Promotes the Growth of Brain Tumor-initiating Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 3814-3824.	3.4	114
6	p75 Neurotrophin Receptor-mediated Apoptosis in Sympathetic Neurons Involves a Biphasic Activation of JNK and Up-regulation of Tumor Necrosis Factor- α -converting Enzyme/ADAM17. <i>Journal of Biological Chemistry</i> , 2010, 285, 20358-20368.	3.4	112
7	TRAF6-mediated ubiquitination regulates nuclear translocation of NRIF, the p75 receptor interactor. <i>EMBO Journal</i> , 2005, 24, 3859-3868.	7.8	82
8	Glutaredoxin is essential for maintenance of brain mitochondrial complex I: studies with MPTP. <i>FASEB Journal</i> , 2003, 17, 717-719.	0.5	75
9	Estrogen and neuroprotection: higher constitutive expression of glutaredoxin in female mice offers protection against MPTP-mediated neurodegeneration. <i>FASEB Journal</i> , 2004, 18, 1102-1104.	0.5	73
10	BIRC3 is a novel driver of therapeutic resistance in Glioblastoma. <i>Scientific Reports</i> , 2016, 6, 21710.	3.3	71
11	p75 Neurotrophin Receptor Cleavage by α - and β -Secretases Is Required for Neurotrophin-mediated Proliferation of Brain Tumor-initiating Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 8067-8085.	3.4	57
12	Ligand-independent signaling by disulfide-crosslinked dimers of the p75 neurotrophin receptor. <i>Journal of Cell Science</i> , 2009, 122, 3351-3357.	2.0	54
13	Mutation analysis of HIF prolyl hydroxylases (PHD/EGLN) in individuals with features of pheochromocytoma and renal cell carcinoma susceptibility. <i>Endocrine-Related Cancer</i> , 2010, 18, 73-83.	3.1	49
14	RNA Helicase A Is a Downstream Mediator of KIF1B ^{Δ2} Tumor-Suppressor Function in Neuroblastoma. <i>Cancer Discovery</i> , 2014, 4, 434-451.	9.4	48
15	MO11L-deficient oncolytic myxoma virus induces apoptosis in brain tumor-initiating cells and enhances survival in a novel immunocompetent mouse model of glioblastoma. <i>Neuro-Oncology</i> , 2016, 18, 1088-1098.	1.2	43
16	Thioltransferase (Glutaredoxin) Mediates Recovery of Motor Neurons from Excitotoxic Mitochondrial Injury. <i>Journal of Neuroscience</i> , 2002, 22, 8402-8410.	3.6	35
17	Downregulation of glutaredoxin but not glutathione loss leads to mitochondrial dysfunction in female mice CNS: Implications in excitotoxicity. <i>Neurochemistry International</i> , 2007, 51, 37-46.	3.8	34
18	The 1p36 Tumor Suppressor KIF 1B ^{Δ2} Is Required for Calcineurin Activation, Controlling Mitochondrial Fission and Apoptosis. <i>Developmental Cell</i> , 2016, 36, 164-178.	7.0	32

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19	In vitro screen of a small molecule inhibitor drug library identifies multiple compounds that synergize with oncolytic myxoma virus against human brain tumor-initiating cells. <i>Neuro-Oncology</i> , 2015, 17, 1086-1094.	1.2	30
20	Neuroblast differentiation during development and in neuroblastoma requires KIF1B ^{Δ2} -mediated transport of TRKA. <i>Genes and Development</i> , 2017, 31, 1036-1053.	5.9	23
21	³ H-Glutamyl cysteine synthetase is up-regulated during recovery of brain mitochondrial complex I following neurotoxic insult in mice. <i>Neuroscience Letters</i> , 2003, 350, 51-55.	2.1	19
22	Down-regulation of glutaredoxin by estrogen receptor antagonist renders female mice susceptible to excitatory amino acid mediated complex I inhibition in CNS. <i>Brain Research</i> , 2006, 1125, 176-184.	2.2	15
23	Novel Treatments for Melanoma Brain Metastases. <i>Cancer Control</i> , 2013, 20, 298-306.	1.8	14
24	XAF1 promotes neuroblastoma tumor suppression and is required for KIF1B ^{Δ2} -mediated apoptosis. <i>Oncotarget</i> , 2016, 7, 34229-34239.	1.8	11
25	NRIF is a Regulator of Neuronal Cholesterol Biosynthesis Genes. <i>Journal of Molecular Neuroscience</i> , 2009, 38, 152-158.	2.3	10