

Robert Adalbert

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,515
citations

331259

21
h-index

454577

30
g-index

33
all docs

33
docs citations

33
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	dSarm/Sarm1 Is Required for Activation of an Injury-Induced Axon Death Pathway. <i>Science</i> , 2012, 337, 481-484.	6.0	558
2	The progressive nature of Wallerian degeneration in wild-type and slow Wallerian degeneration (WldS) nerves. <i>BMC Neuroscience</i> , 2005, 6, 6.	0.8	235
3	TDP-43 gains function due to perturbed autoregulation in a Tardbp knock-in mouse model of ALS-FTD. <i>Nature Neuroscience</i> , 2018, 21, 552-563.	7.1	181
4	Severely dystrophic axons at amyloid plaques remain continuous and connected to viable cell bodies. <i>Brain</i> , 2009, 132, 402-416.	3.7	147
5	Neuronal death: where does the end begin?. <i>Trends in Neurosciences</i> , 2007, 30, 159-166.	4.2	135
6	A metabolomic study of the CRND8 transgenic mouse model of Alzheimer's disease. <i>Neurochemistry International</i> , 2010, 56, 937-947.	1.9	131
7	Rescue of Peripheral and CNS Axon Defects in Mice Lacking NMNAT2. <i>Journal of Neuroscience</i> , 2013, 33, 13410-13424.	1.7	107
8	The WldS gene modestly prolongs survival in the SOD1G93A fALS mouse. <i>Neurobiology of Disease</i> , 2005, 19, 293-300.	2.1	104
9	The slow Wallerian degeneration gene, WldS, inhibits axonal spheroid pathology in gracile axonal dystrophy mice. <i>Brain</i> , 2004, 128, 405-416.	3.7	101
10	WldS protein requires Nmnat activity and a short N-terminal sequence to protect axons in mice. <i>Journal of Cell Biology</i> , 2009, 184, 491-500.	2.3	100
11	Quantitative and qualitative analysis of Wallerian degeneration using restricted axonal labelling in YFP-H mice. <i>Journal of Neuroscience Methods</i> , 2004, 134, 23-35.	1.3	99
12	A rat model of slow Wallerian degeneration (WldS) with improved preservation of neuromuscular synapses. <i>European Journal of Neuroscience</i> , 2005, 21, 271-277.	1.2	81
13	Axonal transport declines with age in two distinct phases separated by a period of relative stability. <i>Neurobiology of Aging</i> , 2015, 36, 971-981.	1.5	79
14	Human endogenous retrovirus HERV-K(HML-2) RNA causes neurodegeneration through Toll-like receptors. <i>JCI Insight</i> , 2020, 5, .	2.3	68
15	A β , tau and ApoE4 in Alzheimer's disease: the axonal connection. <i>Trends in Molecular Medicine</i> , 2007, 13, 135-142.	3.5	62
16	The Slow Wallerian Degeneration Protein, WldS, Binds Directly to VCP/p97 and Partially Redistributes It within the Nucleus. <i>Molecular Biology of the Cell</i> , 2006, 17, 1075-1084.	0.9	56
17	DL-Homocysteic acid application disrupts calcium homeostasis and induces degeneration of spinal motor neurons in vivo. <i>Acta Neuropathologica</i> , 2002, 103, 428-436.	3.9	33
18	The slow Wallerian degeneration gene in vivo protects motor axons but not their cell bodies after avulsion and neonatal axotomy. <i>European Journal of Neuroscience</i> , 2006, 24, 2163-2168.	1.2	33

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19	Late onset distal axonal swelling in YFP-H transgenic mice. <i>Neurobiology of Aging</i> , 2009, 30, 309-321.	1.5	30
20	Age-related axonal swellings precede other neuropathological hallmarks in a knock-in mouse model of Huntington's disease. <i>Neurobiology of Aging</i> , 2014, 35, 2382-2393.	1.5	26
21	Novel HDAC6 Inhibitors Increase Tubulin Acetylation and Rescue Axonal Transport of Mitochondria in a Model of Charcotâ€“Marieâ€“Tooth Type 2F. <i>ACS Chemical Neuroscience</i> , 2020, 11, 258-267.	1.7	24
22	Neuroprotective strategies in MS: Lessons from C57BL/WldS mice. <i>Journal of the Neurological Sciences</i> , 2005, 233, 133-138.	0.3	21
23	Protection against oxaliplatin-induced mechanical and thermal hypersensitivity in <i>Sarm1</i> ^{+/+} mice. <i>Experimental Neurology</i> , 2021, 338, 113607.	2.0	21
24	Interaction between a MAPT variant causing frontotemporal dementia and mutant APP affects axonal transport. <i>Neurobiology of Aging</i> , 2018, 68, 68-75.	1.5	17
25	VCP binding influences intracellular distribution of the slow Wallerian degeneration protein, WldS. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 325-340.	1.0	15
26	Modelling early responses to neurodegenerative mutations in mice. <i>Biochemical Society Transactions</i> , 2011, 39, 933-938.	1.6	15
27	Application of virtual screening to the discovery of novel nicotinamide phosphoribosyltransferase (NAMPT) inhibitors with potential for the treatment of cancer and axonopathies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2920-2926.	1.0	13
28	Calcium-containing endosomes at oculomotor terminals in animal models of ALS. <i>NeuroReport</i> , 1999, 10, 2539-2545.	0.6	10
29	Cultured dissociated primary dorsal root ganglion neurons from adult horses enable study of axonal transport. <i>Journal of Anatomy</i> , 0, , .	0.9	4
30	Imaging Axonal Transport in Ex Vivo Central and Peripheral Nerves. <i>Methods in Molecular Biology</i> , 2022, 2431, 73-93.	0.4	2