Robert Adalbert

List of Publications by Citations

29 papers	1,996 citations	20 h-index	33 g-index
33 ext. papers	2,309 ext. citations	7.3 avg, IF	4.13 L-index

#	Paper	IF	Citations
29	dSarm/Sarm1 is required for activation of an injury-induced axon death pathway. *Science*, **2012**, 337, 481-4	33.3	403
28	The progressive nature of Wallerian degeneration in wild-type and slow Wallerian degeneration (WldS) nerves. *BMC Neuroscience*, **2005**, 6, 6	3.2	208
27	Severely dystrophic axons at amyloid plaques remain continuous and connected to viable cell bodies. *Brain*, **2009**, 132, 402-16	11.2	119
26	Neuronal death: where does the end begin?. *Trends in Neurosciences*, **2007**, 30, 159-66	13.3	118
25	A metabolomic study of the CRND8 transgenic mouse model of Alzheimer's disease. *Neurochemistry International*, **2010**, 56, 937-47	4.4	112
24	TDP-43 gains function due to perturbed autoregulation in a Tardbp knock-in mouse model of ALS-FTD. *Nature Neuroscience*, **2018**, 21, 552-563	25.5	111
23	The slow Wallerian degeneration gene, WldS, inhibits axonal spheroid pathology in gracile axonal dystrophy mice. *Brain*, **2005**, 128, 405-16	11.2	95
22	The WldS gene modestly prolongs survival in the SOD1G93A fALS mouse. *Neurobiology of Disease*, **2005**, 19, 293-300	7.5	94
21	Wld S protein requires Nmnat activity and a short N-terminal sequence to protect axons in mice. *Journal of Cell Biology*, **2009**, 184, 491-500	7.3	93
20	Quantitative and qualitative analysis of Wallerian degeneration using restricted axonal labelling in YFP-H mice. *Journal of Neuroscience Methods*, **2004**, 134, 23-35	3	91
19	Rescue of peripheral and CNS axon defects in mice lacking NMNAT2. *Journal of Neuroscience*, **2013**, 33, 13410-24	6.6	84
18	A rat model of slow Wallerian degeneration (WldS) with improved preservation of neuromuscular synapses. *European Journal of Neuroscience*, **2005**, 21, 271-7	3.5	77
17	Axonal transport declines with age in two distinct phases separated by a period of relative stability. *Neurobiology of Aging*, **2015**, 36, 971-81	5.6	56
16	Abeta, tau and ApoE4 in Alzheimer's disease: the axonal connection. *Trends in Molecular Medicine*, **2007**, 13, 135-42	11.5	55
15	The slow Wallerian degeneration protein, WldS, binds directly to VCP/p97 and partially redistributes it within the nucleus. *Molecular Biology of the Cell*, **2006**, 17, 1075-84	3.5	51
14	DL-Homocysteic acid application disrupts calcium homeostasis and induces degeneration of spinal motor neurons in vivo. *Acta Neuropathologica*, **2002**, 103, 428-36	14.3	30
13	Late onset distal axonal swelling in YFP-H transgenic mice. *Neurobiology of Aging*, **2009**, 30, 309-21	5.6	29

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12	The slow Wallerian degeneration gene in vivo protects motor axons but not their cell bodies after avulsion and neonatal axotomy. *European Journal of Neuroscience*, **2006**, 24, 2163-8	3.5	28
11	Human endogenous retrovirus HERV-K(HML-2) RNA causes neurodegeneration through Toll-like receptors. *JCI Insight*, **2020**, 5,	9.9	25
10	Neuroprotective strategies in MS: lessons from C57BL/Wld(S) mice. *Journal of the Neurological Sciences*, **2005**, 233, 133-8	3.2	21
9	Age-related axonal swellings precede other neuropathological hallmarks in a knock-in mouse model of Huntington's disease. *Neurobiology of Aging*, **2014**, 35, 2382-93	5.6	16
8	VCP binding influences intracellular distribution of the slow Wallerian degeneration protein, Wld(S). *Molecular and Cellular Neurosciences*, **2008**, 38, 325-40	4.8	14
7	Interaction between a MAPT variant causing frontotemporal dementia and mutant APP affects axonal transport. *Neurobiology of Aging*, **2018**, 68, 68-75	5.6	13
6	Modelling early responses to neurodegenerative mutations in mice. *Biochemical Society Transactions*, **2011**, 39, 933-8	5.1	13
5	Calcium-containing endosomes at oculomotor terminals in animal models of ALS. *NeuroReport*, **1999**, 10, 2539-45	1.7	10
4	Novel HDAC6 Inhibitors Increase Tubulin Acetylation and Rescue Axonal Transport of Mitochondria in a Model of Charcot-Marie-Tooth Type 2F. *ACS Chemical Neuroscience*, **2020**, 11, 258-267	5.7	9
3	Protection against oxaliplatin-induced mechanical and thermal hypersensitivity in Sarm1 mice. *Experimental Neurology*, **2021**, 338, 113607	5.7	9
2	Application of virtual screening to the discovery of novel nicotinamide phosphoribosyltransferase (NAMPT) inhibitors with potential for the treatment of cancer and axonopathies. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 2920-2926	2.9	7
1	Imaging Axonal Transport in Ex Vivo Central and Peripheral Nerves.. *Methods in Molecular Biology*, **2022**, 2431, 73-93	1.4	1