Nathaniel S Woodling

List of Publications by Year
in descending order

27	1,591	430874 18	552781 26
papers	citations	h-index	g-index

27	27	27	2902
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gâ€quadruplexâ€binding small molecules ameliorate C9orf72 <scp>FTD</scp> / <scp>ALS</scp> pathology inÂvitro and inÂvivo. EMBO Molecular Medicine, 2018, 10, 22-31.	6.9	178
2	The role of histone acetylation in SMN gene expression. Human Molecular Genetics, 2005, 14, 1171-1182.	2.9	137
3	The Prostaglandin E2 E-Prostanoid 4 Receptor Exerts Anti-Inflammatory Effects in Brain Innate Immunity. Journal of Immunology, 2010, 184, 7207-7218.	0.8	128
4	Prostaglandin signaling suppresses beneficial microglial function in Alzheimerâ€™s disease models. Journal of Clinical Investigation, 2015, 125, 350-364.	8.2	117
5	ADrosophilaModel of Neuronopathic Gaucher Disease Demonstrates Lysosomal-Autophagic Defects and Altered mTOR Signalling and Is Functionally Rescued by Rapamycin. Journal of Neuroscience, 2016, 36, 11654-11670.	3.6	117
6	Suppression of Alzheimer-Associated Inflammation by Microglial Prostaglandin-E₂EP4 Receptor Signaling. Journal of Neuroscience, 2014, 34, 5882-5894.	3.6	90
7	Cyclooxygenase inhibition targets neurons to prevent early behavioural decline in Alzheimerâ€™s disease model mice. Brain, 2016, 139, 2063-2081.	7.6	86
8	Reversal of Paralysis and Reduced Inflammation from Peripheral Administration of Î²-Amyloid in T _H 1 and T _H 17 Versions of Experimental Autoimmune Encephalomyelitis. Science Translational Medicine, 2012, 4, 145ra105.	12.4	83
9	Inflammatory prostaglandin E₂ signaling in a mouse model of Alzheimer disease. Annals of Neurology, 2012, 72, 788-798.	5.3	81
10	Signaling via the prostaglandin E2 receptor EP4 exerts neuronal and vascular protection in a mouse model of cerebral ischemia. Journal of Clinical Investigation, 2011, 121, 4362-4371.	8.2	75
11	Suppression of Inflammation with Conditional Deletion of the Prostaglandin E₂EP2 Receptor in Macrophages and Brain Microglia. Journal of Neuroscience, 2013, 33, 16016-16032.	3.6	74
12	Amyloid beta protein-induced zinc sequestration leads to synaptic loss via dysregulation of the ProSAP2/Shank3 scaffold. Molecular Neurodegeneration, 2011, 6, 65.	10.8	66
13	Deficiency in Neuronal TGF-Î² Signaling Leads to Nigrostriatal Degeneration and Activation of TGF-Î² Signaling Protects against MPTP Neurotoxicity in Mice. Journal of Neuroscience, 2017, 37, 4584-4592.	3.6	55
14	Shifting equilibriums in Alzheimerâ€™s disease: the complex roles of microglia in neuroinflammation, neuronal survival and neurogenesis. Neural Regeneration Research, 2020, 15, 1208.	3.0	49
15	Untangling the Web: Toxic and Protective Effects of Neuroinflammation and PGE₂ Signaling in Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2016, 7, 454-463.	3.5	45
16	Bidirectional nucleolar dysfunction in C9orf72 frontotemporal lobar degeneration. Acta Neuropathologica Communications, 2017, 5, 29.	5.2	43
17	Fine-tuning autophagy maximises lifespan and is associated with changes in mitochondrial gene expression in Drosophila. PLoS Genetics, 2020, 16, e1009083.	3.5	43
18	Inflammatory Cyclooxygenase Activity and PGE₂ Signaling in Models of Alzheimerâ€™s Disease. Current Immunology Reviews, 2015, 11, 125-131.	1.2	22

#	Article	IF	Citations
19	The neuronal receptor tyrosine kinase Alk is a target for longevity. Aging Cell, 2020, 19, e13137.	6.7	20
20	An EP overexpression screen for genetic modifiers of Notch pathway function in Drosophila melanogaster. Genetical Research, 2004, 83, 71-82.	0.9	18
21	Mitochondria Dysfunction in Frontotemporal Dementia/Amyotrophic Lateral Sclerosis: Lessons From Drosophila Models. Frontiers in Neuroscience, 2021, 15, 786076.	2.8	15
22	PICALM rescues glutamatergic neurotransmission, behavioural function and survival in a Drosophila model of AÎ²42 toxicity. Human Molecular Genetics, 2020, 29, 2420-2434.	2.9	14
23	Insertional inactivation of the L13a ribosomal protein gene of Drosophila melanogaster identifies a new Minute locus. Gene, 2006, 368, 46-52.	2.2	10
24	Independent glial subtypes delay development and extend healthy lifespan upon reduced insulin-PI3K signalling. BMC Biology, 2020, 18, 124.	3.8	9
25	Cell type-specific modulation of healthspan by Forkhead family transcription factors in the nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
26	Microarray analysis of the in vivo response of microglia to AÎ² peptides in mice with conditional deletion of the prostaglandin EP2 receptor. Genomics Data, 2015, 5, 268-271.	1.3	7
27	Parkinsonâ€™s Disease: Mitochondria Parked at the ER Hit the Snooze Button. Neuron, 2018, 98, 1059-1061.	8.1	0