

# Niamh C O'sullivan

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

574  
citations

687363

13  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver X receptor-agonist treatment rescues degeneration in a <i>Drosophila</i> model of hereditary spastic paraplegia. <i>Acta Neuropathologica Communications</i> , 2022, 10, 40.	5.2	3
2	A novel automated image analysis pipeline for quantifying morphological changes to the endoplasmic reticulum in cultured human cells. <i>BMC Bioinformatics</i> , 2021, 22, 427.	2.6	2
3	Loss of the Mitochondrial Fission GTPase Drp1 Contributes to Neurodegeneration in a <i>Drosophila</i> Model of Hereditary Spastic Paraplegia. <i>Brain Sciences</i> , 2020, 10, 646.	2.3	9
4	NeurodegenERation: The Central Role for ER Contacts in Neuronal Function and Axonopathy, Lessons From Hereditary Spastic Paraplegias and Related Diseases. <i>Frontiers in Neuroscience</i> , 2019, 13, 1051.	2.8	43
5	Roles for the VCP co-factors Npl4 and Ufd1 in neuronal function in <i>Drosophila melanogaster</i> . <i>Journal of Genetics and Genomics</i> , 2017, 44, 493-501.	3.9	12
6	Modeling of axonal endoplasmic reticulum network by spastic paraplegia proteins. <i>ELife</i> , 2017, 6, .	6.0	71
7	ER-shaping proteins are required for ER and mitochondrial network organization in motor neurons. <i>Human Molecular Genetics</i> , 2016, 25, ddw139.	2.9	33
8	Rare disease models provide insight into inherited forms of neurodegeneration. , 2016, 1, 17-21.		2
9	CX3CL1 is up-regulated in the rat hippocampus during memory-associated synaptic plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 233.	3.7	75
10	Characterization of the <i>Drosophila</i> Atlastin Interactome Reveals VCP as a Functionally Related Interactor. <i>Journal of Genetics and Genomics</i> , 2013, 40, 297-306.	3.9	11
11	Peripubertal viral-like challenge and social isolation mediate overlapping but distinct effects on behaviour and brain interferon regulatory factor 7 expression in the adult Wistar rat. <i>Brain, Behavior, and Immunity</i> , 2013, 27, 71-79.	4.1	26
12	Reticulon-like-1, the <i>Drosophila</i> orthologue of the Hereditary Spastic Paraplegia gene reticulon 2, is required for organization of endoplasmic reticulum and of distal motor axons. <i>Human Molecular Genetics</i> , 2012, 21, 3356-3365.	2.9	71
13	Temporal proteomic profile of memory consolidation in the rat hippocampal dentate gyrus. <i>Proteomics</i> , 2011, 11, 4189-4201.	2.2	27
14	AAV-mediated chronic overexpression of SNAP25 in adult rat dorsal hippocampus impairs memory-associated synaptic plasticity. <i>Journal of Neurochemistry</i> , 2010, 112, 991-1004.	3.9	41
15	Temporal dysregulation of cortical gene expression in the isolation reared Wistar rat. <i>Journal of Neurochemistry</i> , 2010, 113, 601-614.	3.9	18
16	Mkl Transcription Cofactors Regulate Structural Plasticity in Hippocampal Neurons. <i>Cerebral Cortex</i> , 2010, 20, 1915-1925.	2.9	28
17	Hippocampal region-specific regulation of NF- $\kappa$ B may contribute to learning-associated synaptic reorganisation. <i>Brain Research Bulletin</i> , 2010, 81, 385-390.	3.0	29
18	Notch signalling becomes transiently attenuated during long-term memory consolidation in adult Wistar rats. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 342-351.	1.9	31

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19	Temporal change in gene expression in the rat dentate gyrus following passive avoidance learning. Journal of Neurochemistry, 2007, 101, 1085-1098.	3.9	42