Una F Fitzgerald

List of Publications by Year
in descending order

37 papers	1,818 citations	394421 19 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	3331 citing authors

#	Article	IF	Citations
1	Macromolecular crowding in the development of a three-dimensional organotypic human breast cancer model. Biomaterials, 2022, 287, 121642.	11.4	3
2	Dysregulation of astrocytic mitochondrial function following exposure to a dopamine metabolite: Implications for Parkinson's disease. European Journal of Neuroscience, 2021, 53, 2960-2972.	2.6	12
3	Mitral cells and the glucagonâ€like peptide 1 receptor: The sweet smell of success?. European Journal of Neuroscience, 2019, 49, 422-439.	2.6	2
4	Profile of the unfolded protein response in rat cerebellar cortical development. Journal of Comparative Neurology, 2019, 527, 2910-2924.	1.6	6
5	ATPase activity of human binding immunoglobulin protein (BiP) variants is enhanced by signal sequence and physiological concentrations of Mn²⁺. FEBS Open Bio, 2019, 9, 1355-1369.	2.3	1
6	Threshold-based segmentation of fluorescent and chromogenic images of microglia, astrocytes and oligodendrocytes in FIJI. Journal of Neuroscience Methods, 2018, 295, 87-103.	2.5	38
7	<i>Ulk4</i> deficiency leads to hypomyelination in mice. Glia, 2018, 66, 175-190.	4.9	26
8	UPR Induction Prevents Iron Accumulation and Oligodendrocyte Loss in ex vivo Cultured Hippocampal Slices. Frontiers in Neuroscience, 2018, 12, 969.	2.8	2
9	A lifetime of stress: ATF6 in development and homeostasis. Journal of Biomedical Science, 2018, 25, 48.	7.0	153
10	MARCKS and MARCKS-like proteins in development and regeneration. Journal of Biomedical Science, 2018, 25, 43.	7.0	95
11	Seeing the wood for the trees: towards improved quantification of glial cells in central nervous system tissue. Neural Regeneration Research, 2018, 13, 1520.	3.0	7
12	Modelling iron mismanagement in neurodegenerative disease in vitro: paradigms, pitfalls, possibilities & practical considerations. Progress in Neurobiology, 2017, 158, 1-14.	5.7	21
13	Ulk4 Is Essential for Ciliogenesis and CSF Flow. Journal of Neuroscience, 2016, 36, 7589-7600.	3.6	36
14	Significant glial alterations in response to iron loading in a novel organotypic hippocampal slice culture model. Scientific Reports, 2016, 6, 36410.	3.3	33
15	In vitro and ex vivo models of multiple sclerosis. Drug Discovery Today, 2016, 21, 1504-1511.	6.4	16
16	The role of the unfolded protein response in myelination. Neural Regeneration Research, 2016, 11, 394.	3.0	2
17	Differential activation of ER stress pathways in myelinating cerebellar tracts. International Journal of Developmental Neuroscience, 2015, 47, 347-360.	1.6	22
18	Calreticulin and other components of endoplasmic reticulum stress in rat and human inflammatory demyelination. Acta Neuropathologica Communications, 2013, 1, 37.	5.2	44

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19	An ex-vivo multiple sclerosis model of inflammatory demyelination using hyperbranched polymer. Biomaterials, 2013, 34, 5872-5882.	11.4	4
20	InterfERing with endoplasmic reticulum stress. Trends in Pharmacological Sciences, 2012, 33, 53-63.	8.7	85
21	Partial XBP1 knockdown does not affect viability of oligodendrocyte precursor cells exposed to new models of hypoxia and ischemia in vitro. Journal of Neuroscience Research, 2011, 89, 661-673.	2.9	8
22	Expression profiles of endoplasmic reticulum stress-related molecules in demyelinating lesions and multiple sclerosis. Multiple Sclerosis Journal, 2011, 17, 808-818.	3.0	64
23	Gene expression analysis of the microvascular compartment in multiple sclerosis using laser microdissected blood vessels. Acta Neuropathologica, 2010, 119, 601-615.	7.7	28
24	Methods for Monitoring Endoplasmic Reticulum Stress and the Unfolded Protein Response. International Journal of Cell Biology, 2010, 2010, 1-11.	2.5	218
25	The effects of bloodâ€“brain barrier disruption on glial cell function in multiple sclerosis. Biochemical Society Transactions, 2009, 37, 329-331.	3.4	52
26	Increased Expression of Endoplasmic Reticulum Stress-Related Signaling Pathway Molecules in Multiple Sclerosis Lesions. Journal of Neuropathology and Experimental Neurology, 2008, 67, 200-211.	1.7	99
27	Absence of aquaporin-4 expression in lesions of neuromyelitis optica but increased expression in multiple sclerosis lesions and normal-appearing white matter. Acta Neuropathologica, 2007, 113, 187-194.	7.7	83
28	Role of Mayven, a kelch-related protein in oligodendrocyte process formation. Journal of Neuroscience Research, 2005, 81, 622-631.	2.9	17
29	CD95-mediated alteration in Hsp70 levels is dependent on protein stabilization. Cell Stress and Chaperones, 2005, 10, 59.	2.9	10
30	Caspase-12 and ER-Stress-Mediated Apoptosis. Annals of the New York Academy of Sciences, 2003, 1010, 186-194.	3.8	427
31	Hypoxia and Ischemia Induce Nuclear Condensation and Caspase Activation in Cardiomyocytes. Annals of the New York Academy of Sciences, 2003, 1010, 728-732.	3.8	10
32	In the cut and thrust of apoptosis, serine proteases come of age. Biochemical Pharmacology, 2003, 66, 1469-1474.	4.4	26
33	Transcription factor expression and cellular redox in immature oligodendrocyte cell death: effect of Bcl-2. Molecular and Cellular Neurosciences, 2003, 22, 516-529.	2.2	12
34	Identification of growth factors that promote long-term proliferation of olfactory ensheathing cells and modulate their antigenic phenotype. Glia, 2002, 37, 349-364.	4.9	92
35	Identification of growth factors that promote long-term proliferation of olfactory ensheathing cells and modulate their antigenic phenotype. Glia, 2002, 37, 349.	4.9	3
36	Krp1, a novel kelch related protein that is involved in pseudopod elongation in transformed cells. Oncogene, 2000, 19, 1266-1276.	5.9	50

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37	AP-1 Activity during the Growth, Differentiation, and Death of O-2A Lineage Cells. Molecular and Cellular Neurosciences, 2000, 16, 453-469.	2.2	11