Una F Fitzgerald

List of Publications by Year
in descending order

37	1,818	394421	330143
papers	citations	19 h-index	37 g-index

37	37	37	3331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Caspase-12 and ER-Stress-Mediated Apoptosis. Annals of the New York Academy of Sciences, 2003, 1010, 186-194.	3.8	427
2	Methods for Monitoring Endoplasmic Reticulum Stress and the Unfolded Protein Response. International Journal of Cell Biology, 2010, 2010, 1-11.	2.5	218
3	A lifetime of stress: ATF6 in development and homeostasis. Journal of Biomedical Science, 2018, 25, 48.	7.0	153
4	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
5	MARCKS and MARCKS-like proteins in development and regeneration. Journal of Biomedical Science, 2018, 25, 43.	7.0	95
6	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
7	InterfERing with endoplasmic reticulum stress. Trends in Pharmacological Sciences, 2012, 33, 53-63.	8.7	85
8	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
9	Expression profiles of endoplasmic reticulum stress-related molecules in demyelinating lesions and multiple sclerosis. Multiple Sclerosis Journal, 2011, 17, 808-818.	3.0	64
10	The effects of bloodâ€“brain barrier disruption on glial cell function in multiple sclerosis. Biochemical Society Transactions, 2009, 37, 329-331.	3.4	52
11	Krp1, a novel kelch related protein that is involved in pseudopod elongation in transformed cells. Oncogene, 2000, 19, 1266-1276.	5.9	50
12	Calreticulin and other components of endoplasmic reticulum stress in rat and human inflammatory demyelination. Acta Neuropathologica Communications, 2013, 1, 37.	5.2	44
13	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
14	Ulk4 Is Essential for Ciliogenesis and CSF Flow. Journal of Neuroscience, 2016, 36, 7589-7600.	3.6	36
15	Significant glial alterations in response to iron loading in a novel organotypic hippocampal slice culture model. Scientific Reports, 2016, 6, 36410.	3.3	33
16	Gene expression analysis of the microvascular compartment in multiple sclerosis using laser microdissected blood vessels. Acta Neuropathologica, 2010, 119, 601-615.	7.7	28
17	In the cut and thrust of apoptosis, serine proteases come of age. Biochemical Pharmacology, 2003, 66, 1469-1474.	4.4	26
18	Ulk4 deficiency leads to hypomyelination in mice. Glia, 2018, 66, 175-190.	4.9	26

#	Article	IF	Citations
19	Differential activation of ER stress pathways in myelinating cerebellar tracts. International Journal of Developmental Neuroscience, 2015, 47, 347-360.	1.6	22
20	Modelling iron mismanagement in neurodegenerative disease in vitro: paradigms, pitfalls, possibilities & practical considerations. Progress in Neurobiology, 2017, 158, 1-14.	5.7	21
21	Role of Mayven, a kelch-related protein in oligodendrocyte process formation. Journal of Neuroscience Research, 2005, 81, 622-631.	2.9	17
22	In vitro and ex vivo models of multiple sclerosis. Drug Discovery Today, 2016, 21, 1504-1511.	6.4	16
23	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
24	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
25	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
26	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
27	CD95-mediated alteration in Hsp70 levels is dependent on protein stabilization. Cell Stress and Chaperones, 2005, 10, 59.	2.9	10
28	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
29	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
30	Profile of the unfolded protein response in rat cerebellar cortical development. Journal of Comparative Neurology, 2019, 527, 2910-2924.	1.6	6
31	An ex-vivo multiple sclerosis model of inflammatory demyelination using hyperbranched polymer. Biomaterials, 2013, 34, 5872-5882.	11.4	4
32	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
33	Macromolecular crowding in the development of a three-dimensional organotypic human breast cancer model. Biomaterials, 2022, 287, 121642.	11.4	3
34	UPR Induction Prevents Iron Accumulation and Oligodendrocyte Loss in ex vivo Cultured Hippocampal Slices. Frontiers in Neuroscience, 2018, 12, 969.	2.8	2
35	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
36	The role of the unfolded protein response in myelination. Neural Regeneration Research, 2016, 11, 394.	3.0	2

#	Article	IF	Citations
37	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