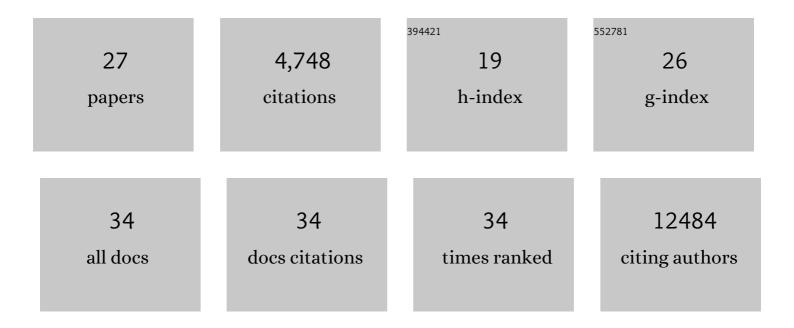
Paul J Meakin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Endothelial Cell Gel Angiogenesis Bead Assay. Methods in Molecular Biology, 2022, 2441, 321-327.	0.9	2
2	BACE1: More than just a $\hat{l}^2 \hat{a} \in s$ ecretase. Obesity Reviews, 2022, 23, e13430.	6.5	32
3	PTPRD and DCC Are Novel BACE1 Substrates Differentially Expressed in Alzheimer's Disease: A Data Mining and Bioinformatics Study. International Journal of Molecular Sciences, 2022, 23, 4568.	4.1	4
4	Non-canonical Keap1-independent activation of Nrf2 in astrocytes by mild oxidative stress. Redox Biology, 2021, 47, 102158.	9.0	18
5	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. Journal of Clinical Investigation, 2020, 130, 4104-4117.	8.2	26
6	Metabolic physiology in flux:. , 2019, , 40-41.		0
7	The BACE1 product sAPPβ induces ER stress and inflammation and impairs insulin signaling. Metabolism: Clinical and Experimental, 2018, 85, 59-75.	3.4	26
8	The beta secretase BACE1 regulates the expression of insulin receptor in the liver. Nature Communications, 2018, 9, 1306.	12.8	49
9	Bace1-dependent amyloid processing regulates hypothalamic leptin sensitivity in obese mice. Scientific Reports, 2018, 8, 55.	3.3	29
10	ltaconate is an anti-inflammatory metabolite that activates Nrf2 via alkylation of KEAP1. Nature, 2018, 556, 113-117.	27.8	1,115
11	213â€Increased beta-amyloid production is associated with diabetes-induced vascular dysfunction. Heart, 2017, 103, A140.3-A141.	2.9	0
12	Dimethyl fumarate blocks pro-inflammatory cytokine production via inhibition of TLR induced M1 and K63 ubiquitin chain formation. Scientific Reports, 2016, 6, 31159.	3.3	89
13	Reducing amyloid processing prevents diabetes induced vascular dysfunction. Atherosclerosis, 2016, 252, e260.	0.8	0
14	Mice Lacking beta2-Integrin Function Remain Glucose Tolerant in Spite of Insulin Resistance, Neutrophil Infiltration and Inflammation. PLoS ONE, 2015, 10, e0138872.	2.5	14
15	BACE1 activity as a determining factor in atherosclerosis development?. Atherosclerosis, 2015, 241, e13.	0.8	1
16	Prophylactic and therapeutic treatment with a synthetic analogue of a parasitic worm product prevents experimental arthritis and inhibits IL-1β production via NRF2-mediated counter-regulation of the inflammasome. Journal of Autoimmunity, 2015, 60, 59-73.	6.5	72
17	Neuronal development is promoted by weakened intrinsic antioxidant defences due to epigenetic repression of Nrf2. Nature Communications, 2015, 6, 7066.	12.8	144
18	Susceptibility of Nrf2-Null Mice to Steatohepatitis and Cirrhosis upon Consumption of a High-Fat Diet Is Associated with Oxidative Stress, Perturbation of the Unfolded Protein Response, and Disturbance in the Expression of Metabolic Enzymes but Not with Insulin Resistance. Molecular and Cellular Biology, 2014, 34, 3305-3320.	2.3	187

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19	Phosphoinositide 3-Kinases Upregulate System x _c ^{â^'} <i>via</i> Eukaryotic Initiation Factor 2α and Activating Transcription Factor 4 – A Pathway Active in Glioblastomas and Epilepsy. Antioxidants and Redox Signaling, 2014, 20, 2907-2922.	5.4	58
20	Nrf2 target genes can be controlled by neuronal activity in the absence of Nrf2 and astrocytes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1818-E1820.	7.1	26
21	Altered amyloid precursor protein processing regulates glucose uptake and oxidation in cultured rodent myotubes. Diabetologia, 2014, 57, 1684-1692.	6.3	16
22	Anorexigenic and Orexigenic Hormone Modulation of Mammalian Target of Rapamycin Complex 1 Activity and the Regulation of Hypothalamic Agouti-Related Protein mRNA Expression. NeuroSignals, 2013, 21, 28-41.	0.9	2,288
23	Reduction in BACE1 decreases body weight, protects against diet-induced obesity and enhances insulin sensitivity in mice. Biochemical Journal, 2012, 441, 285-296.	3.7	96
24	Loss of Nrf2 markedly exacerbates nonalcoholic steatohepatitis. Free Radical Biology and Medicine, 2010, 48, 357-371.	2.9	227
25	The unfolded protein response is activated in skeletal muscle by high-fat feeding: potential role in the downregulation of protein synthesis. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E695-E705.	3.5	134
26	Fructose Metabolism in the Adult Mouse Optic Nerve, A Central White Matter Tract. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 86-99.	4.3	19
27	Fructose Supports Energy Metabolism of Some, But Not All, Axons in Adult Mouse Optic Nerve. Journal of Neurophysiology, 2006, 95, 1917-1925.	1.8	25