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List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,748
citations

394421

19
h-index

552781

26
g-index

34
all docs

34
docs citations

34
times ranked

12484
citing authors

#	ARTICLE	IF	CITATIONS
1	Anorexigenic and Orexigenic Hormone Modulation of Mammalian Target of Rapamycin Complex 1 Activity and the Regulation of Hypothalamic Agouti-Related Protein mRNA Expression. <i>NeuroSignals</i> , 2013, 21, 28-41.	0.9	2,288
2	Itaconate is an anti-inflammatory metabolite that activates Nrf2 via alkylation of KEAP1. <i>Nature</i> , 2018, 556, 113-117.	27.8	1,115
3	Loss of Nrf2 markedly exacerbates nonalcoholic steatohepatitis. <i>Free Radical Biology and Medicine</i> , 2010, 48, 357-371.	2.9	227
4	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. <i>Molecular and Cellular Biology</i> , 2014, 34, 3305-3320.	2.3	187
5	Neuronal development is promoted by weakened intrinsic antioxidant defences due to epigenetic repression of Nrf2. <i>Nature Communications</i> , 2015, 6, 7066.	12.8	144
6	The unfolded protein response is activated in skeletal muscle by high-fat feeding: potential role in the downregulation of protein synthesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E695-E705.	3.5	134
7	Reduction in BACE1 decreases body weight, protects against diet-induced obesity and enhances insulin sensitivity in mice. <i>Biochemical Journal</i> , 2012, 441, 285-296.	3.7	96
8	Dimethyl fumarate blocks pro-inflammatory cytokine production via inhibition of TLR induced M1 and K63 ubiquitin chain formation. <i>Scientific Reports</i> , 2016, 6, 31159.	3.3	89
9	Prophylactic and therapeutic treatment with a synthetic analogue of a parasitic worm product prevents experimental arthritis and inhibits IL-1 β production via NRF2-mediated counter-regulation of the inflammasome. <i>Journal of Autoimmunity</i> , 2015, 60, 59-73.	6.5	72
10	Phosphoinositide 3-Kinases Upregulate System x _c ⁻ via Eukaryotic Initiation Factor 2 β and Activating Transcription Factor 4 β Pathway Active in Glioblastomas and Epilepsy. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2907-2922.	5.4	58
11	The beta secretase BACE1 regulates the expression of insulin receptor in the liver. <i>Nature Communications</i> , 2018, 9, 1306.	12.8	49
12	BACE1: More than just a β -secretase. <i>Obesity Reviews</i> , 2022, 23, e13430.	6.5	32
13	Bace1-dependent amyloid processing regulates hypothalamic leptin sensitivity in obese mice. <i>Scientific Reports</i> , 2018, 8, 55.	3.3	29
14	Nrf2 target genes can be controlled by neuronal activity in the absence of Nrf2 and astrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1818-E1820.	7.1	26
15	The BACE1 product sAPP β induces ER stress and inflammation and impairs insulin signaling. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 59-75.	3.4	26
16	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. <i>Journal of Clinical Investigation</i> , 2020, 130, 4104-4117.	8.2	26
17	Fructose Supports Energy Metabolism of Some, But Not All, Axons in Adult Mouse Optic Nerve. <i>Journal of Neurophysiology</i> , 2006, 95, 1917-1925.	1.8	25
18	Fructose Metabolism in the Adult Mouse Optic Nerve, A Central White Matter Tract. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 86-99.	4.3	19

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19	Non-canonical Keap1-independent activation of Nrf2 in astrocytes by mild oxidative stress. <i>Redox Biology</i> , 2021, 47, 102158.	9.0	18
20	Altered amyloid precursor protein processing regulates glucose uptake and oxidation in cultured rodent myotubes. <i>Diabetologia</i> , 2014, 57, 1684-1692.	6.3	16
21	Mice Lacking beta2-Integrin Function Remain Glucose Tolerant in Spite of Insulin Resistance, Neutrophil Infiltration and Inflammation. <i>PLoS ONE</i> , 2015, 10, e0138872.	2.5	14
22	PTPRD and DCC Are Novel BACE1 Substrates Differentially Expressed in Alzheimer's Disease: A Data Mining and Bioinformatics Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4568.	4.1	4
23	Endothelial Cell Gel Angiogenesis Bead Assay. <i>Methods in Molecular Biology</i> , 2022, 2441, 321-327.	0.9	2
24	BACE1 activity as a determining factor in atherosclerosis development?. <i>Atherosclerosis</i> , 2015, 241, e13.	0.8	1
25	Reducing amyloid processing prevents diabetes induced vascular dysfunction. <i>Atherosclerosis</i> , 2016, 252, e260.	0.8	0
26	Increased beta-amyloid production is associated with diabetes-induced vascular dysfunction. <i>Heart</i> , 2017, 103, A140.3-A141.	2.9	0
27	Metabolic physiology in flux., 2019, , 40-41.		0