Keir Joe Menzies

List of Publications by Year
in descending order

35 papers	4,813 citations	279487 23 h-index	395343 33 g-index
37 all docs	37 docs citations	37 times ranked	7667 citing authors

#	Article	IF	Citations
1	GCN5 maintains muscle integrity by acetylating YY1 to promote dystrophin expression. Journal of Cell Biology, 2022, 221, .	2.3	8
2	Grx2 Regulates Skeletal Muscle Mitochondrial Structure and Autophagy. Frontiers in Physiology, 2021, 12, 604210.	1.3	7
3	Proteomics characterization of mitochondrialâ€derived vesicles under oxidative stress. FASEB Journal, 2021, 35, e21278.	0.2	36
4	Dietary Cocoa Flavanols Enhance Mitochondrial Function in Skeletal Muscle and Modify Whole-Body Metabolism in Healthy Mice. Nutrients, 2021, 13, 3466.	1.7	5
5	Sarcopenia and Muscle Aging: A Brief Overview. Endocrinology and Metabolism, 2020, 35, 716-732.	1.3	84
6	Nutritional Regulation of Mitochondrial Function. , 2019, , 93-126.		5
7	Gene expression variability in human skeletal muscle transcriptome responses to acute resistance exercise. Experimental Physiology, 2019, 104, 625-629.	0.9	7
8	Mitochondrial quality control in the cardiac system: An integrative view. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 782-796.	1.8	18
9	The role of mitochondria in stem cell fate and aging. Development (Cambridge), 2018, 145, .	1.2	199
10	Glutaredoxin-2 controls cardiac mitochondrial dynamics and energetics in mice, and protects against human cardiac pathologies. Redox Biology, 2018, 14, 509-521.	3.9	35
11	Repairing Mitochondrial Dysfunction in Disease. Annual Review of Pharmacology and Toxicology, 2018, 58, 353-389.	4.2	198
12	Critical Assessment of the <i>mdx</i> Mouse with <i>Ex Vivo</i> Eccentric Contraction of the Diaphragm Muscle. Current Protocols in Mouse Biology, 2018, 8, e49.	1.2	2
13	Muscle Stem Cell Immunostaining. Current Protocols in Mouse Biology, 2018, 8, e47.	1.2	4
14	A multiscale study of the role of dynamin in the regulation of glucose uptake. Integrative Biology (United Kingdom), 2017, 9, 810-819.	0.6	7
15	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. Journal of Hepatology, 2017, 66, 132-141.	1.8	115
16	NAD ⁺ repletion improves mitochondrial and stem cell function and enhances life span in mice. Science, 2016, 352, 1436-1443.	6.0	907
17	NAD ⁺ repletion improves muscle function in muscular dystrophy and counters global PARylation. Science Translational Medicine, 2016, 8, 361ra139.	5.8	208
18	Eliciting the mitochondrial unfolded protein response by nicotinamide adenine dinucleotide repletion reverses fatty liver disease in mice. Hepatology, 2016, 63, 1190-1204.	3.6	289

#	Article	IF	Citations
19	Protein acetylation in metabolism â€” metabolites and cofactors. Nature Reviews Endocrinology, 2016, 12, 43-60.	4.3	236
20	NAD+ Metabolism and the Control of Energy Homeostasis: A Balancing Act between Mitochondria and the Nucleus. Cell Metabolism, 2015, 22, 31-53.	7.2	1,153
21	SIRT2 Deficiency Modulates Macrophage Polarization and Susceptibility to Experimental Colitis. PLoS ONE, 2014, 9, e103573.	1.1	111
22	Pharmacological Inhibition of Poly(ADP-Ribose) Polymerases Improves Fitness and Mitochondrial Function in Skeletal Muscle. Cell Metabolism, 2014, 19, 1034-1041.	7.2	211
23	SUMOylation-Dependent LRH-1/PROX1 Interaction Promotes Atherosclerosis by Decreasing Hepatic Reverse Cholesterol Transport. Cell Metabolism, 2014, 20, 603-613.	7.2	73
24	The effects of chronic muscle use and disuse on cardiolipin metabolism. Journal of Applied Physiology, 2013, 114, 444-452.	1.2	24
25	An acetylation rheostat for the control of muscle energy homeostasis. Journal of Molecular Endocrinology, 2013, 51, T101-T113.	1.1	27
26	Sirtuin 1-mediated Effects of Exercise and Resveratrol on Mitochondrial Biogenesis. Journal of Biological Chemistry, 2013, 288, 6968-6979.	1.6	134
27	Altered mitochondrial morphology and defective protein import reveal novel roles for Bax and/or Bak in skeletal muscle. American Journal of Physiology - Cell Physiology, 2013, 305, C502-C511.	2.1	25
28	The role of SirT1 in muscle mitochondrial turnover. Mitochondrion, 2012, 12, 5-13.	1.6	44
29	Commentaries on Viewpoint: Does SIRT1 determine exercise-induced skeletal muscle mitochondrial biogenesis: differences between in vitro and in vivo experiments?. Journal of Applied Physiology, 2012, 112, 929-930.	1.2	2
30	Mitochondrial dysfunction is associated with a pro-apoptotic cellular environment in senescent cardiac muscle. Mechanisms of Ageing and Development, 2010, 131, 79-88.	2.2	43
31	Effect of thyroid hormone on mitochondrial properties and oxidative stress in cells from patients with mtDNA defects. American Journal of Physiology - Cell Physiology, 2009, 296, C355-C362.	2.1	43
32	Relationship between Sirt1 expression and mitochondrial proteins during conditions of chronic muscle use and disuse. Journal of Applied Physiology, 2009, 107, 1730-1735.	1.2	54
33	Mitochondrial function and apoptotic susceptibility in aging skeletal muscle. Aging Cell, 2008, 7, 2-12.	3.0	357
34	Comparison of skeletal muscle mitochondrial properties isolated by protease digestion and mechanical homogenization. FASEB Journal, 2006, 20, .	0.2	0
35	Differential susceptibility of subsarcolemmal and intermyofibrillar mitochondria to apoptotic stimuli. American Journal of Physiology - Cell Physiology, 2005, 289, C994-C1001.	2.1	141