Lemuel A Brown

List of Publications by Year
in descending order

26	814	623734	552781
papers	citations	14 h-index	26 g-index

28	28	28	1147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Moderators of skeletal muscle maintenance are compromised in sarcopenic obese mice. Mechanisms of Ageing and Development, 2021, 194, 111404.	4.6	5
2	Cancerâ€induced cardiac atrophy adversely affects myocardial redox state and mitochondrial oxidative characteristics. JCSM Rapid Communications, 2021, 4, 3-15.	1.6	17
3	Metabolipidomic profiling reveals an ageâ€related deficiency of skeletal muscle proâ€resolving mediators that contributes to maladaptive tissue remodeling. Aging Cell, 2021, 20, e13393.	6.7	29
4	Murine muscle stem cell response to perturbations of the neuromuscular junction are attenuated with aging. ELife, 2021, 10, .	6.0	20
5	Sestrins regulate muscle stem cell metabolic homeostasis. Stem Cell Reports, 2021, 16, 2078-2088.	4.8	17
6	The effect of diet-induced obesity on extracellular matrix remodeling during skeletal muscle regeneration. Sports Medicine and Health Science, 2021, 3, 212-217.	2.0	3
7	Regulation of mitochondrial quality following repeated bouts of hindlimb unloading. Applied Physiology, Nutrition and Metabolism, 2020, 45, 264-274.	1.9	14
8	Dissecting Murine Muscle Stem Cell Aging through Regeneration Using Integrative Genomic Analysis. Cell Reports, 2020, 32, 107964.	6.4	49
9	Emerging molecular mediators and targets for age-related skeletal muscle atrophy. Translational Research, 2020, 221, 44-57.	5.0	11
10	Late life maintenance and enhancement of functional exercise capacity in low and high responding rats after low intensity treadmill training. Experimental Gerontology, 2019, 125, 110657.	2.8	5
11	Denervation and senescence markers data from old rats with intrinsic differences in responsiveness to aerobic training. Data in Brief, 2019, 27, 104570.	1.0	1
12	Mitochondrial mRNA translation initiation contributes to oxidative metabolism in the myocardia of aged, obese mice. Experimental Gerontology, 2019, 121, 62-70.	2.8	3
13	Myeloid Cell Responses to Contraction-induced Injury Differ in Muscles of Young and Old Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1581-1590.	3.6	16
14	Transcriptomic analysis of the development of skeletal muscle atrophy in cancer-cachexia in tumor-bearing mice. Physiological Genomics, 2018, 50, 1071-1082.	2.3	32
15	Protein imbalance in the development of skeletal muscle wasting in tumourâ€bearing mice. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 987-1002.	7.3	81
16	Cardiac hypertrophy in sarcopenic obese C57BL/6J mice is independent of Akt/mTOR cellular signaling. Experimental Gerontology, 2018, 111, 122-132.	2.8	11
17	Moderate physical activity promotes basal hepatic autophagy in diet-induced obese mice. Applied Physiology, Nutrition and Metabolism, 2017, 42, 148-156.	1.9	42
18	Autophagy activation, not peroxisome proliferatorâ€activated receptor Î³ coactivator 1Î±, may mediate exerciseâ€induced improvements in glucose handling during dietâ€induced obesity. Experimental Physiology, 2017, 102, 1194-1207.	2.0	15

#	Article	IF	Citations
19	Cancer cachexia-induced muscle atrophy: evidence for alterations in microRNAs important for muscle size. Physiological Genomics, 2017, 49, 253-260.	2.3	55
20	Mitochondrial degeneration precedes the development of muscle atrophy in progression of cancer cachexia in tumourâ€bearing mice. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 926-938.	7.3	186
21	microRNAâ€16 Is Downregulated During Insulin Resistance and Controls Skeletal Muscle Protein Accretion. Journal of Cellular Biochemistry, 2016, 117, 1775-1787.	2.6	49
22	The Akt/mTOR pathway: Data comparing young and aged mice with leucine supplementation at the onset of skeletal muscle regeneration. Data in Brief, 2016, 8, 1426-1432.	1.0	11
23	Recovery from volumetric muscle loss injury: A comparison between young and aged rats. Experimental Gerontology, 2016, 83, 37-46.	2.8	28
24	Differential effects of leucine supplementation in young and aged mice at the onset of skeletal muscle regeneration. Mechanisms of Ageing and Development, 2016, 157, 7-16.	4.6	19
25	Mitochondrial quality control, promoted by PGC-1Î±, is dysregulated by Western diet-induced obesity and partially restored by moderate physical activity in mice. Physiological Reports, 2015, 3, e12470.	1.7	68
26	Impaired exercise-induced mitochondrial biogenesis in the obese Zucker rat, despite PGC-1Î± induction, is due to compromised mitochondrial translation elongation. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E503-E511.	3.5	27