

Jacob L Brown

List of Publications by Year in descending order

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14
papers

594
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial degeneration precedes the development of muscle atrophy in progression of cancer cachexia in tumour-bearing mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 926-938.	7.3	186
2	Protein imbalance in the development of skeletal muscle wasting in tumour-bearing mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 987-1002.	7.3	81
3	Mitochondrial quality control, promoted by PGC-1 α , is dysregulated by Western diet-induced obesity and partially restored by moderate physical activity in mice. <i>Physiological Reports</i> , 2015, 3, e12470.	1.7	68
4	Cancer cachexia-induced muscle atrophy: evidence for alterations in microRNAs important for muscle size. <i>Physiological Genomics</i> , 2017, 49, 253-260.	2.3	55
5	Hepatic alterations during the development and progression of cancer cachexia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 500-512.	1.9	31
6	Cancer cachexia in a mouse model of oxidative stress. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1688-1704.	7.3	31
7	Neuron-specific deletion of CuZnSOD leads to an advanced sarcopenic phenotype in older mice. <i>Aging Cell</i> , 2020, 19, e13225.	6.7	29
8	Development and progression of cancer cachexia: Perspectives from bench to bedside. <i>Sports Medicine and Health Science</i> , 2020, 2, 177-185.	2.0	28
9	Targeting cPLA2 derived lipid hydroperoxides as a potential intervention for sarcopenia. <i>Scientific Reports</i> , 2020, 10, 13968.	3.3	24
10	Molecular changes in transcription and metabolic pathways underlying muscle atrophy in the CuZnSOD null mouse model of sarcopenia. <i>GeroScience</i> , 2020, 42, 1101-1118.	4.6	22
11	Cancer-induced cardiac atrophy adversely affects myocardial redox state and mitochondrial oxidative characteristics. <i>JCSM Rapid Communications</i> , 2021, 4, 3-15.	1.6	17
12	Reduced adenosine diphosphate sensitivity in skeletal muscle mitochondria increases reactive oxygen species production in mouse models of aging and oxidative stress but not denervation. <i>JCSM Rapid Communications</i> , 2021, 4, 75-89.	1.6	9
13	Tumor burden negatively impacts protein turnover as a proteostatic process in non-cancerous liver, heart, and muscle, but not brain. <i>Journal of Applied Physiology</i> , 2021, 131, 72-82.	2.5	8
14	Moderators of skeletal muscle maintenance are compromised in sarcopenic obese mice. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111404.	4.6	5