

Joseph M Mcclung

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

814
citations

430442

18
h-index

525886

27
g-index

38
all docs

38
docs citations

38
times ranked

1218
citing authors

#	ARTICLE	IF	CITATIONS
1	Interventional and amputation stage muscle proteomes in the chronically threatened ischemic limb. <i>Clinical and Translational Medicine</i> , 2022, 12, e658.	1.7	7
2	Racial differences in the limb skeletal muscle transcriptional programs of patients with critical limb ischemia. <i>Vascular Medicine</i> , 2021, 26, 247-258.	0.8	3
3	Intrinsic OXPHOS limitations underlie cellular bioenergetics in leukemia. <i>ELife</i> , 2021, 10, .	2.8	27
4	Estrogen receptor in female skeletal muscle is not required for regulation of muscle insulin sensitivity and mitochondrial regulation. <i>Molecular Metabolism</i> , 2020, 34, 1-15.	3.0	21
5	Subcellular proteomics combined with bioenergetic phenotyping reveals protein biomarkers of respiratory insufficiency in the setting of proofreading-deficient mitochondrial polymerase. <i>Scientific Reports</i> , 2020, 10, 3603.	1.6	25
6	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. <i>PLoS ONE</i> , 2020, 15, e0225922.	1.1	4
7	PFKFB3-mediated glycolysis rescues myopathic outcomes in the ischemic limb. <i>JCI Insight</i> , 2020, 5, .	2.3	21
8	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
9	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
10	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
11	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
12	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
13	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
14	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
15	Effects of fasting on isolated murine skeletal muscle contractile function during acute hypoxia. , 2020, 15, e0225922.		0
16	Temporal Association Between Ischemic Muscle Perfusion Recovery and the Restoration of Muscle Contractile Function After Hindlimb Ischemia. <i>Frontiers in Physiology</i> , 2019, 10, 804.	1.3	10
17	Unlocking the Secrets of Mitochondria in the Cardiovascular System. <i>Circulation</i> , 2019, 140, 1205-1216.	1.6	91
18	Chronic high-fat diet decreased detrusor mitochondrial respiration and increased nerve-mediated contractions. <i>Neurourology and Urodynamics</i> , 2019, 38, 1524-1532.	0.8	1

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19	Tissue-specific characterization of mitochondrial branched-chain keto acid oxidation using a multiplexed assay platform. <i>Biochemical Journal</i> , 2019, 476, 1521-1537.	1.7	17
20	Induced in vivo knockdown of the Brca1 gene in skeletal muscle results in skeletal muscle weakness. <i>Journal of Physiology</i> , 2019, 597, 869-887.	1.3	9
21	Strain-Dependent Variation in Acute Ischemic Muscle Injury. <i>American Journal of Pathology</i> , 2018, 188, 1246-1262.	1.9	30
22	The Multifunctional Protein BAG3. <i>JACC Basic To Translational Science</i> , 2018, 3, 122-131.	1.9	40
23	Haploinsufficiency of Bcl2-associated athanogene 3 in mice results in progressive left ventricular dysfunction, Î²-adrenergic insensitivity, and increased apoptosis. <i>Journal of Cellular Physiology</i> , 2018, 233, 6319-6326.	2.0	32
24	Dysregulation of mitochondrial bioenergetics and quality control by HIV-1 Tat in cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2018, 233, 748-758.	2.0	22
25	Bioenergetic consequences of compromised mitochondrial DNA repair in the mouse heart. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 742-748.	1.0	12
26	Induced Cre-mediated knockdown of Brca1 in skeletal muscle reduces mitochondrial respiration and prevents glucose intolerance in adult mice on a high-fat diet. <i>FASEB Journal</i> , 2018, 32, 3070-3084.	0.2	16
27	Characterization and utilization of the flexor digitorum brevis for assessing skeletal muscle function. <i>Skeletal Muscle</i> , 2018, 8, 14.	1.9	41
28	Association of Variants in <i>BAG3</i> With Cardiomyopathy Outcomes in African American Individuals. <i>JAMA Cardiology</i> , 2018, 3, 929.	3.0	57
29	Extensive skeletal muscle cell mitochondriopathy distinguishes critical limb ischemia patients from claudicants. <i>JCI Insight</i> , 2018, 3, .	2.3	64
30	Diminished force production and mitochondrial respiratory deficits are strain-dependent myopathies of subacute limb ischemia. <i>Journal of Vascular Surgery</i> , 2017, 65, 1504-1514.e11.	0.6	36
31	BAG3 (Bcl-2-Associated Athanogene-3) Coding Variant in Mice Determines Susceptibility to Ischemic Limb Muscle Myopathy by Directing Autophagy. <i>Circulation</i> , 2017, 136, 281-296.	1.6	51
32	Precision Medicine for Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	9
33	Exercise-induced protection against reperfusion arrhythmia involves stabilization of mitochondrial energetics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1360-H1370.	1.5	34
34	Mitochondrial therapy improves limb perfusion and myopathy following hindlimb ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 97, 191-196.	0.9	26
35	Targeted Expression of Catalase to Mitochondria Protects Against Ischemic Myopathy in High-Fat Diet-Fed Mice. <i>Diabetes</i> , 2016, 65, 2553-2568.	0.3	42
36	Subacute limb ischemia induces skeletal muscle injury in genetically susceptible mice independent of vascular density. <i>Journal of Vascular Surgery</i> , 2016, 64, 1101-1111.e2.	0.6	40

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37	Mitochondrial Regulation of the Muscle Microenvironment in Critical Limb Ischemia. <i>Frontiers in Physiology</i> , 2015, 6, 336.	1.3	26