Joshua Selsby

List of Publications by Year
in descending order

57 papers	2,254 citations	201575 27 h-index	223716 46 g-index
57 all docs	57 docs citations	57 times ranked	2536 citing authors

#	Article	IF	Citations
1	The effect of Mitoquinol (MitoQ) on heat stressed skeletal muscle from pigs, and a potential confounding effect of biological sex. Journal of Thermal Biology, 2021, 97, 102900.	1.1	5
2	Rapamycin administration during an acute heat stress challenge in growing pigs. Journal of Animal Science, 2021, 99, .	0.2	6
3	Indices of Defective Autophagy in Whole Muscle and Lysosome Enriched Fractions From Aged D2-mdx Mice. Frontiers in Physiology, 2021, 12, 691245.	1.3	4
4	PGCâ€•1Î± overexpression increases transcription factor EB nuclear localization and lysosome abundance in dystrophinâ€•deficient skeletal muscle. Physiological Reports, 2020, 8, e14383.	0.7	14
5	Nutraceutical and pharmaceutical cocktails did not preserve diaphragm muscle function or reduce muscle damage in D2â€•mdx mice. Experimental Physiology, 2020, 105, 989-999.	0.9	7
6	Nutraceutical and pharmaceutical cocktails did not improve muscle function or reduce histological damage in D2-mdx mice. Journal of Applied Physiology, 2019, 127, 1058-1066.	1.2	8
7	Autophagy in the heart is enhanced and independent of disease progression in mus musculus dystrophinopathy models. JRSM Cardiovascular Disease, 2019, 8, 204800401987958.	0.4	2
8	Is Exercise the Right Medicine for Dystrophic Muscle?. Medicine and Science in Sports and Exercise, 2018, 50, 1723-1732.	0.2	33
9	Short-term heat stress results in increased apoptotic signaling and autophagy in oxidative skeletal muscle in Sus scrofa. Journal of Thermal Biology, 2018, 72, 73-80.	1.1	28
10	Short-term heat stress altered metabolism and insulin signaling in skeletal muscle. Journal of Animal Science, 2018, 96, 154-167.	0.2	17
11	Prolonged environment-induced hyperthermia alters autophagy in oxidative skeletal muscle in Sus scrofa. Journal of Thermal Biology, 2018, 74, 160-169.	1.1	17
12	Autophagic dysfunction and autophagosome escape in the mdx <i>mus musculus</i> model of Duchenne muscular dystrophy. Acta Physiologica, 2018, 222, e12944.	1.8	25
13	Longâ€•term dietary quercetin enrichment as a cardioprotective countermeasure in mdx mice. Experimental Physiology, 2017, 102, 635-649.	0.9	16
14	Shortâ€•term heat stress alters redox balance in porcine skeletal muscle. Physiological Reports, 2017, 5, e13267.	0.7	23
15	Lifelong quercetin enrichment and cardioprotection in Mdx/Utrn+/âˆ’ mice. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H128-H140.	1.5	23
16	Heat stress induces autophagy in pig ovaries during follicular development. Biology of Reproduction, 2017, 97, 426-437.	1.2	58
17	Acute heat stress activated inflammatory signaling in porcine oxidative skeletal muscle. Physiological Reports, 2017, 5, e13397.	0.7	36
18	Heat stress causes dysfunctional autophagy in oxidative skeletal muscle. Physiological Reports, 2017, 5, e13317.	0.7	24

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19	Short-term heat stress causes altered intracellular signaling in oxidative skeletal muscle1. Journal of Animal Science, 2017, 95, 2438-2451.	0.2	27
20	Short-term heat stress causes altered intracellular signaling in oxidative skeletal muscle. Journal of Animal Science, 2017, 95, 2438.	0.2	19
21	Long-Term Quercetin Dietary Enrichment Partially Protects Dystrophic Skeletal Muscle. PLoS ONE, 2016, 11, e0168293.	1.1	23
22	Twelve hours of heat stress induces inflammatory signaling in porcine skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R1288-R1296.	0.9	40
23	Oral quercetin administration transiently protects respiratory function in dystrophinâ€deficient mice. Journal of Physiology, 2016, 594, 6037-6053.	1.3	22
24	Plethysmography measurements of respiratory function in conscious unrestrained mice. Journal of Physiological Sciences, 2016, 66, 157-164.	0.9	24
25	<i>PGCâ€1Î±</i> gene transfer improves muscle function in dystrophic muscle following prolonged disease progress. Experimental Physiology, 2015, 100, 1145-1158.	0.9	10
26	Porcine Models of Muscular Dystrophy. ILAR Journal, 2015, 56, 116-126.	1.8	30
27	Histological and biochemical outcomes of cardiac pathology in <i>mdx</i> mice with dietary quercetin enrichment. Experimental Physiology, 2015, 100, 12-22.	0.9	29
28	Long-term quercetin dietary enrichment decreases muscle injury in mdx mice. Clinical Nutrition, 2015, 34, 515-522.	2.3	35
29	Development of Rabbit Monoclonal Antibodies for Detection of Alpha-Dystroglycan in Normal and Dystrophic Tissue. PLoS ONE, 2014, 9, e97567.	1.1	15
30	Gestational Heat Stress Alters Postnatal Offspring Body Composition Indices and Metabolic Parameters in Pigs. PLoS ONE, 2014, 9, e110859.	1.1	56
31	Heat stress causes oxidative stress but not inflammatory signaling in porcine skeletal muscle. Temperature, 2014, 1, 42-50.	1.6	87
32	Dystrophin insufficiency causes selective muscle histopathology and loss of dystrophinâ€glycoprotein complex assembly in pig skeletal muscle. FASEB Journal, 2014, 28, 1600-1609.	0.2	25
33	The physiological response of protease inhibition in dystrophic muscle. Acta Physiologica, 2013, 208, 234-244.	1.8	24
34	Long-term wheel running compromises diaphragm function but improves cardiac and plantarflexor function in the mdx mouse. Journal of Applied Physiology, 2013, 115, 660-666.	1.2	36
35	Rescue of dystrophic skeletal muscle by PGC-1Î± involves restored expression of dystrophin-associated protein complex components and satellite cell signaling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R13-R23.	0.9	44
36	Evidence of decreased muscle protein turnover in gilts selected for low residual feed intake1. Journal of Animal Science, 2013, 91, 4007-4016.	0.2	43

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37	2011 AND 2012 EARLY CAREERS ACHIEVEMENT AWARDS: Farm and pig factors affecting welfare during the marketing process1,2. Journal of Animal Science, 2013, 91, 2481-2491.	0.2	24
38	A proteasome inhibitor fails to attenuate dystrophic pathology in mdx mice. PLOS Currents, 2012, 4, e4f84a944d8930.	1.4	14
39	Rescue of Dystrophic Skeletal Muscle by PGC-1Î± Involves a Fast to Slow Fiber Type Shift in the mdx Mouse. PLoS ONE, 2012, 7, e30063.	1.1	179
40	Increased catalase expression improves muscle function in<i>mdx</i>mice. Experimental Physiology, 2011, 96, 194-202.	0.9	46
41	Proteomic assessment of the acute phase of dystrophin deficiency in mdx mice. European Journal of Applied Physiology, 2011, 111, 2763-2773.	1.2	50
42	A pilot study of copper supplementation effects on plasma F2Î± isoprostanes and urinary collagen crosslinks in young adult women. Journal of Trace Elements in Medicine and Biology, 2010, 24, 165-168.	1.5	14
43	Activin IIB receptor blockade attenuates dystrophic pathology in a mouse model of duchenne muscular dystrophy. Muscle and Nerve, 2010, 42, 722-730.	1.0	60
44	Bowman-Birk inhibitor attenuates dystrophic pathology in mdx mice. Journal of Applied Physiology, 2010, 109, 1492-1499.	1.2	30
45	Leupeptin-based inhibitors do not improve the mdx phenotype. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1192-R1201.	0.9	33
46	Antioxidants attenuate oxidative damage in rat skeletal muscle during mild ischaemia. Experimental Physiology, 2008, 93, 479-485.	0.9	15
47	P10. Mitochondrial Defects and Oxidative Damage in Patients With Peripheral Arterial Disease. Journal of Surgical Research, 2008, 144, 447.	0.8	0
48	The Myopathy of Peripheral Arterial Occlusive Disease: Part 1. Functional and Histomorphological Changes and Evidence for Mitochondrial Dysfunction. Vascular and Endovascular Surgery, 2008, 41, 481-489.	0.3	156
49	Basic Science Review: The Myopathy of Peripheral Arterial Occlusive Disease: Part 2. Oxidative Stress, Neuropathy, and Shift in Muscle Fiber Type. Vascular and Endovascular Surgery, 2008, 42, 101-112.	0.3	152
50	Intermittent hyperthermia enhances skeletal muscle regrowth and attenuates oxidative damage following reloading. Journal of Applied Physiology, 2007, 102, 1702-1707.	1.2	60
51	Mitochondrial defects and oxidative damage in patients with peripheral arterial disease. Free Radical Biology and Medicine, 2006, 41, 262-269.	1.3	188
52	In vivo inhibition of nitric oxide synthase impairs upregulation of contractile protein mRNA in overloaded plantaris muscle. Journal of Applied Physiology, 2006, 100, 258-265.	1.2	61
53	Life long calorie restriction increases heat shock proteins and proteasome activity in soleus muscles of Fisher 344 rats. Experimental Gerontology, 2005, 40, 37-42.	1.2	66
54	Heat treatment reduces oxidative stress and protects muscle mass during immobilization. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R134-R139.	0.9	117

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55	Botulinum neurotoxin type A causes shifts in myosin heavy chain composition in muscle. Toxicon, 2005, 46, 196-203.	0.8	53
56	MG2+-CREATINE CHELATE AND A LOW-DOSE CREATINE SUPPLEMENTATION REGIMEN IMPROVE EXERCISE PERFORMANCE. Journal of Strength and Conditioning Research, 2004, 18, 311-315.	1.0	0
57	Swim Performance Following Creatine Supplementation in Division III Athletes. Journal of Strength and Conditioning Research, 2003, 17, 421-424.	1.0	1