Jessica R Terrill

List of Publications by Year
in descending order

23 papers	847 citations	567281 15 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1319 citing authors

#	Article	IF	Citations
1	A Blood Biomarker for Duchenne Muscular Dystrophy Shows That Oxidation State of Albumin Correlates with Protein Oxidation and Damage in Mdx Muscle. Antioxidants, 2021, 10, 1241.	5.1	6
2	Oxidative damage to urinary proteins from the GRMD dog and mdx mouse as biomarkers of dystropathology in Duchenne muscular dystrophy. PLoS ONE, 2020, 15, e0240317.	2.5	6
3	Investigation of the effect of taurine supplementation on muscle taurine content in the mdx mouse model of Duchenne muscular dystrophy using chemically specific synchrotron imaging. Analyst, The, 2020, 145, 7242-7251.	3.5	7
4	Biomarkers for Duchenne muscular dystrophy: myonecrosis, inflammation and oxidative stress. DMM Disease Models and Mechanisms, 2020, 13, dmm043638.	2.4	74
5	Reply from Gavin J. Pinniger, Jessica R. Terrill, Miranda D. Grounds and Peter G. Arthur. Journal of Physiology, 2018, 596, 739-739.	2.9	0
6	Expression patterns of regulatory RNAs, including lncRNAs and tRNAs, during postnatal growth of normal and dystrophic (mdx) mouse muscles, and their response to taurine treatment. International Journal of Biochemistry and Cell Biology, 2018, 99, 52-63.	2.8	10
7	Resistance wheel exercise from mid-life has minimal effect on sciatic nerves from old mice in which sarcopenia was prevented. Biogerontology, 2017, 18, 769-790.	3.9	7
8	Preâ€clinical evaluation of Nâ€acetylcysteine reveals side effects in the mdx mouse model of Duchenne muscular dystrophy. Journal of Physiology, 2017, 595, 7093-7107.	2.9	36
9	Beneficial effects of high dose taurine treatment in juvenile dystrophic mdx mice are offset by growth restriction. PLoS ONE, 2017, 12, e0187317.	2.5	18
10	Increasing taurine intake and taurine synthesis improves skeletal muscle function in the mdx mouse model for Duchenne muscular dystrophy. Journal of Physiology, 2016, 594, 3095-3110.	2.9	57
11	Voluntary resistance wheel exercise from mid-life prevents sarcopenia and increases markers of mitochondrial function and autophagy in muscles of old male and female C57BL/6J mice. Skeletal Muscle, 2016, 6, 45.	4.2	87
12	Levels of inflammation and oxidative stress, and a role for taurine in dystropathology of the Golden Retriever Muscular Dystrophy dog model for Duchenne Muscular Dystrophy. Redox Biology, 2016, 9, 276-286.	9.0	41
13	[MD-16-0004R1] Increased taurine in pre-weaned juvenile mdx mice greatly reduces the acute onset of myofibre necrosis and dystropathology and prevents inflammation. PLOS Currents, 2016, 8, .	1.4	19
14	Taurine deficiency, synthesis and transport in the mdx mouse model for Duchenne Muscular Dystrophy. International Journal of Biochemistry and Cell Biology, 2015, 66, 141-148.	2.8	47
15	Three-dimensional optical coherence micro-elastography of skeletal muscle tissue. Biomedical Optics Express, 2014, 5, 3090.	2.9	29
16	Lipid Accumulation in Dysferlin-Deficient Muscles. American Journal of Pathology, 2014, 184, 1668-1676.	3.8	59
17	Visualizing and quantifying oxidized protein thiols in tissue sections: A comparison of dystrophic mdx and normal skeletal mouse muscles. Free Radical Biology and Medicine, 2013, 65, 1408-1416.	2.9	15
18	Treatment with the cysteine precursor l-2-oxothiazolidine-4-carboxylate (OTC) implicates taurine deficiency in severity of dystropathology in mdx mice. International Journal of Biochemistry and Cell Biology, 2013, 45, 2097-2108.	2.8	29

#	Article	IF	Citations
19	Oxidative stress and pathology in muscular dystrophies: focus on protein thiol oxidation and dysferlinopathies. FEBS Journal, 2013, 280, 4149-4164.	4.7	140
20	A single 30min treadmill exercise session is suitable for â€˜proof-of concept studiesâ€™ in adult mdx mice: A comparison of the early consequences of two different treadmill protocols. Neuromuscular Disorders, 2012, 22, 170-182.	0.6	56
21	N-Acetylcysteine treatment of dystrophic mdx mice results in protein thiol modifications and inhibition of exercise induced myofibre necrosis. Neuromuscular Disorders, 2012, 22, 427-434.	0.6	69
22	The effect of Nâ€acetylcysteine on contractile function and proteinâ€thiol oxidation in skeletal muscles of mdx mice. FASEB Journal, 2012, 26, 1078.19.	0.5	0
23	Screening for increased protein thiol oxidation in oxidatively stressed muscle tissue. Free Radical Research, 2011, 45, 991-999.	3.3	33