

Jessica R Terrill

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

847
citations

567281

15
h-index

677142

22
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24
all docs

24
docs citations

24
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and pathology in muscular dystrophies: focus on protein thiol oxidation and dysferlinopathies. <i>FEBS Journal</i> , 2013, 280, 4149-4164.	4.7	140
2	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. <i>Skeletal Muscle</i> , 2016, 6, 45.	4.2	87
3	Biomarkers for Duchenne muscular dystrophy: myonecrosis, inflammation and oxidative stress. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, dmm043638.	2.4	74
4	N-Acetylcysteine treatment of dystrophic mdx mice results in protein thiol modifications and inhibition of exercise induced myofibre necrosis. <i>Neuromuscular Disorders</i> , 2012, 22, 427-434.	0.6	69
5	Lipid Accumulation in Dysferlin-Deficient Muscles. <i>American Journal of Pathology</i> , 2014, 184, 1668-1676.	3.8	59
6	Increasing taurine intake and taurine synthesis improves skeletal muscle function in the mdx mouse model for Duchenne muscular dystrophy. <i>Journal of Physiology</i> , 2016, 594, 3095-3110.	2.9	57
7	A single 30min treadmill exercise session is suitable for "proof-of concept studies" in adult mdx mice: A comparison of the early consequences of two different treadmill protocols. <i>Neuromuscular Disorders</i> , 2012, 22, 170-182.	0.6	56
8	Taurine deficiency, synthesis and transport in the mdx mouse model for Duchenne Muscular Dystrophy. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 66, 141-148.	2.8	47
9	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. <i>Redox Biology</i> , 2016, 9, 276-286.	9.0	41
10	Pre-clinical evaluation of N-acetylcysteine reveals side effects in the mdx mouse model of Duchenne muscular dystrophy. <i>Journal of Physiology</i> , 2017, 595, 7093-7107.	2.9	36
11	Screening for increased protein thiol oxidation in oxidatively stressed muscle tissue. <i>Free Radical Research</i> , 2011, 45, 991-999.	3.3	33
12	Treatment with the cysteine precursor l-2-oxothiazolidine-4-carboxylate (OTC) implicates taurine deficiency in severity of dystropathology in mdx mice. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2097-2108.	2.8	29
13	Three-dimensional optical coherence micro-elastography of skeletal muscle tissue. <i>Biomedical Optics Express</i> , 2014, 5, 3090.	2.9	29
14	[MD-16-0004R1] Increased taurine in pre-weaned juvenile mdx mice greatly reduces the acute onset of myofibre necrosis and dystropathology and prevents inflammation. <i>PLOS Currents</i> , 2016, 8, .	1.4	19
15	Beneficial effects of high dose taurine treatment in juvenile dystrophic mdx mice are offset by growth restriction. <i>PLoS ONE</i> , 2017, 12, e0187317.	2.5	18
16	Visualizing and quantifying oxidized protein thiols in tissue sections: A comparison of dystrophic mdx and normal skeletal mouse muscles. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1408-1416.	2.9	15
17	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. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 99, 52-63.	2.8	10
18	Resistance wheel exercise from mid-life has minimal effect on sciatic nerves from old mice in which sarcopenia was prevented. <i>Biogerontology</i> , 2017, 18, 769-790.	3.9	7

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19	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. <i>Analyst</i> , The, 2020, 145, 7242-7251.	3.5	7
20	Oxidative damage to urinary proteins from the GRMD dog and mdx mouse as biomarkers of dystropathology in Duchenne muscular dystrophy. <i>PLoS ONE</i> , 2020, 15, e0240317.	2.5	6
21	A Blood Biomarker for Duchenne Muscular Dystrophy Shows That Oxidation State of Albumin Correlates with Protein Oxidation and Damage in Mdx Muscle. <i>Antioxidants</i> , 2021, 10, 1241.	5.1	6
22	Reply from Gavin J. Pinniger, Jessica R. Terrill, Miranda D. Grounds and Peter G. Arthur. <i>Journal of Physiology</i> , 2018, 596, 739-739.	2.9	0
23	The effect of Nâ€acetylcysteine on contractile function and proteinâ€thiol oxidation in skeletal muscles of mdx mice. <i>FASEB Journal</i> , 2012, 26, 1078.19.	0.5	0