

Timothy Pearson

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,595
citations

411340

20
h-index

591227

27
g-index

30
all docs

30
docs citations

30
times ranked

3326
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-canonical autophagy functions of ATG16L1 in epithelial cells limit lethal infection by influenza A virus. <i>EMBO Journal</i> , 2021, 40, e105543.	3.5	36
2	Enhanced small neutral but not branched chain amino acid transport after epigenetic sodium coupled neutral amino acid transporter (SNAT2) cDNA expression in myoblasts. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 811-822.	2.9	3
3	The ATG5-binding and coiled coil domains of ATG16L1 maintain autophagy and tissue homeostasis in mice independently of the WD domain required for LC3-associated phagocytosis. <i>Autophagy</i> , 2019, 15, 599-612.	4.3	73
4	The Role of Eif6 in Skeletal Muscle Homeostasis Revealed by Endurance Training Co-expression Networks. <i>Cell Reports</i> , 2017, 21, 1507-1520.	2.9	22
5	The effect of lengthening contractions on neuromuscular junction structure in adult and old mice. <i>Age</i> , 2016, 38, 259-272.	3.0	21
6	Long-term administration of the mitochondria-targeted antioxidant mitoquinone mesylate fails to attenuate age-related oxidative damage or rescue the loss of muscle mass and function associated with aging of skeletal muscle. <i>FASEB Journal</i> , 2016, 30, 3771-3785.	0.2	40
7	Mitochondrial ROS regulate oxidative damage and mitophagy but not age-related muscle fiber atrophy. <i>Scientific Reports</i> , 2016, 6, 33944.	1.6	97
8	Manipulation of environmental oxygen modifies reactive oxygen and nitrogen species generation during myogenesis. <i>Redox Biology</i> , 2016, 8, 243-251.	3.9	13
9	Membrane glucocorticoid receptors are localised in the extracellular matrix and signal through the MAPK pathway in mammalian skeletal muscle fibres. <i>Journal of Physiology</i> , 2015, 593, 2679-2692.	1.3	23
10	Nitric oxide availability is increased in contracting skeletal muscle from aged mice, but does not differentially decrease muscle superoxide. <i>Free Radical Biology and Medicine</i> , 2015, 78, 82-88.	1.3	26
11	Skeletal Muscle Contractions Induce Acute Changes in Cytosolic Superoxide, but Slower Responses in Mitochondrial Superoxide and Cellular Hydrogen Peroxide. <i>PLoS ONE</i> , 2014, 9, e96378.	1.1	88
12	Mitochondrial ROS generation and function in skeletal muscle from older subjects (863.5). <i>FASEB Journal</i> , 2014, 28, 863.5.	0.2	0
13	In vitro susceptibility of thioredoxins and glutathione to redox modification and aging-related changes in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2017-2027.	1.3	24
14	A simple protocol for the subcellular fractionation of skeletal muscle cells and tissue. <i>BMC Research Notes</i> , 2012, 5, 513.	0.6	257
15	In vivo studies of motor nerve regrowth following skeletal muscle damage by lengthening contractions. <i>FASEB Journal</i> , 2012, 26, 1141.4.	0.2	0
16	The age-related failure of adaptive responses to contractile activity in skeletal muscle is mimicked in young mice by deletion of Cu,Zn superoxide dismutase. <i>Aging Cell</i> , 2010, 9, 979-990.	3.0	48
17	In Vitro Study of Thrombin on Tubule Formation and Regulators of Angiogenesis. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2010, 16, 674-678.	0.7	10
18	Measurement of vasoactive metabolites (hydroxyeicosatetraenoic and epoxyeicosatrienoic acids) in uterine tissues of normal and compromised human pregnancy. <i>Journal of Hypertension</i> , 2010, 28, 2429-2437.	0.3	21

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19	Detection of EETs and HETE-generating cytochrome P-450 enzymes and the effects of their metabolites on myometrial and vascular function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E647-E656.	1.8	22
20	Quantitative profiling of epoxyeicosatrienoic, hydroxyeicosatetraenoic, and dihydroxyeicosatetraenoic acids in human intrauterine tissues using liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2007, 365, 40-51.	1.1	54
21	Sustained elevation of extracellular adenosine and activation of A1 receptors underlie the post-ischaemic inhibition of neuronal function in rat hippocampus in vitro. <i>Journal of Neurochemistry</i> , 2006, 97, 1357-1368.	2.1	79
22	Adenosine and ATP Link PCO ₂ to Cortical Excitability via pH. <i>Neuron</i> , 2005, 48, 1011-1023.	3.8	182
23	Adrenoceptor subtype-specific acceleration of the hypoxic depression of excitatory synaptic transmission in area CA1 of the rat hippocampus. <i>European Journal of Neuroscience</i> , 2004, 20, 1555-1565.	1.2	22
24	AICA riboside both activates AMP-activated protein kinase and competes with adenosine for the nucleoside transporter in the CA1 region of the rat hippocampus. <i>Journal of Neurochemistry</i> , 2004, 88, 1272-1282.	2.1	131
25	A Depletable Pool of Adenosine in Area CA1 of the Rat Hippocampus. <i>Journal of Neuroscience</i> , 2001, 21, 2298-2307.	1.7	70
26	Volume-regulated anion channels do not contribute extracellular adenosine during the hypoxic depression of excitatory synaptic transmission in area CA1 of rat hippocampus. <i>European Journal of Neuroscience</i> , 2000, 12, 3064-3066.	1.2	9
27	Direct measurement of adenosine release during hypoxia in the CA1 region of the rat hippocampal slice. <i>Journal of Physiology</i> , 2000, 526, 143-155.	1.3	160
28	Heterologous acclimation: a novel approach to the study of thermal acclimation in the crab <i>Cancer pagurus</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R24-R30.	0.9	8
29	Multiple pathways underlying endothelium-dependent relaxation in the rabbit isolated femoral artery. <i>British Journal of Pharmacology</i> , 1995, 115, 31-38.	2.7	54