

Joshua C Weavil

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,126
citations

430874

18
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of aging on the work of breathing during exercise in healthy men. <i>Journal of Applied Physiology</i> , 2022, 132, 689-698.	2.5	3
2	Passive leg movement-induced vasodilation and exercise-induced sympathetic vasoconstriction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022, 239, 102969.	2.8	3
3	Pre-fatiguing Isometric Quadriceps Exercise Impairs Contralateral Quadriceps Work During All-out and Not Target Torque Time to Task Failure Exercise. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	On the role of skeletal muscle acidosis and inorganic phosphates as determinants of central and peripheral fatigue: A ³¹ P-MRS study. <i>Journal of Physiology</i> , 2022, 600, 3069-3081.	2.9	23
5	Gene and protein expression of dorsal root ganglion sensory receptors in normotensive and hypertensive male rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R221-R226.	1.8	2
6	Ascorbate attenuates cycling exercise-induced neuromuscular fatigue but fails to improve exertional dyspnea and exercise tolerance in COPD. <i>Journal of Applied Physiology</i> , 2021, 130, 69-79.	2.5	8
7	Heart failure with preserved ejection fraction diminishes peripheral hemodynamics and accelerates exercise-induced neuromuscular fatigue. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H338-H351.	3.2	13
8	Acute high-intensity exercise and skeletal muscle mitochondrial respiratory function: role of metabolic perturbation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R687-R698.	1.8	3
9	On the implication of dietary nitrate supplementation for the hemodynamic and fatigue response to cycling exercise. <i>Journal of Applied Physiology</i> , 2021, 131, 1691-1700.	2.5	8
10	The relationship between \dot{V}_{O_2} and peripheral fatigue considered. <i>Experimental Physiology</i> , 2020, 105, 211-212.	2.0	3
11	On the Influence of Group III/IV Muscle Afferent Feedback on Endurance Exercise Performance. <i>Exercise and Sport Sciences Reviews</i> , 2020, 48, 209-216.	3.0	30
12	The muscle reflex and chemoreflex interaction: ventilatory implications for the exercising human. <i>Journal of Applied Physiology</i> , 2020, 129, 691-700.	2.5	9
13	The exercise pressor reflex and chemoreflex interaction: cardiovascular implications for the exercising human. <i>Journal of Physiology</i> , 2020, 598, 2311-2321.	2.9	29
14	Vasodilatory and vascular mitochondrial respiratory function with advancing age: evidence of a free radically mediated link in the human vasculature. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R701-R711.	1.8	13
15	Exercise Pressor Reflex Contributes to the Cardiovascular Abnormalities Characterizing Hypertension, 2019, 74, 1468-1475.	2.7	15
16	Pharmacological attenuation of group III/IV muscle afferents improves endurance performance when oxygen delivery to locomotor muscles is preserved. <i>Journal of Applied Physiology</i> , 2019, 127, 1257-1266.	2.5	31
17	Neuromuscular fatigue during whole body exercise. <i>Current Opinion in Physiology</i> , 2019, 10, 128-136.	1.8	22
18	Identifying the role of group III/IV muscle afferents in the carotid baroreflex control of mean arterial pressure and heart rate during exercise. <i>Journal of Physiology</i> , 2018, 596, 1373-1384.	2.9	27

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19	Acute High-Intensity Exercise Impairs Skeletal Muscle Respiratory Capacity. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2409-2417.	0.4	34
20	Corticospinal excitability during fatiguing whole body exercise. <i>Progress in Brain Research</i> , 2018, 240, 219-246.	1.4	25
21	Vascular mitochondrial respiratory function: the impact of advancing age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1660-H1669.	3.2	17
22	Impact of age on the development of fatigue during large and small muscle mass exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R741-R750.	1.8	14
23	Fatigue-related group III/IV muscle afferent feedback facilitates intracortical inhibition during locomotor exercise. <i>Journal of Physiology</i> , 2018, 596, 4789-4801.	2.9	64
24	Muscle Afferent Blockade Improves Endurance Exercise Performance When O ₂ Transport To Locomotor Muscles Is Pre-served. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 849.	0.4	1
25	Group III/IV locomotor muscle afferents alter motor cortical and corticospinal excitability and promote central fatigue during cycling exercise. <i>Clinical Neurophysiology</i> , 2017, 128, 44-55.	1.5	92
26	Group III/IV muscle afferents limit the intramuscular metabolic perturbation during whole body exercise in humans. <i>Journal of Physiology</i> , 2016, 594, 5303-5315.	2.9	127
27	The mechanistic basis of the power-time relationship: potential role of the group III/IV muscle afferents. <i>Journal of Physiology</i> , 2016, 594, 7165-7166.	2.9	9
28	Fatigue diminishes motoneuronal excitability during cycling exercise. <i>Journal of Neurophysiology</i> , 2016, 116, 1743-1751.	1.8	39
29	Symmorphosis in patients with chronic heart failure?. <i>Journal of Applied Physiology</i> , 2016, 121, 1039-1039.	2.5	4
30	Symmorphosis and skeletal muscle : <i>in vivo</i> and <i>in vitro</i> measures reveal differing constraints in the exercise-trained and untrained human. <i>Journal of Physiology</i> , 2016, 594, 1741-1751.	2.9	79
31	Aging alters muscle reflex control of autonomic cardiovascular responses to rhythmic contractions in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1479-H1489.	3.2	30
32	Intensity-dependent alterations in the excitability of cortical and spinal projections to the knee extensors during isometric and locomotor exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R998-R1007.	1.8	37
33	Endurance exercise performance in acute hypoxia is influenced by expiratory flow limitation. <i>European Journal of Applied Physiology</i> , 2015, 115, 1653-1663.	2.5	16
34	Low Intensity Resistance Exercise Training with Blood Flow Restriction: Insight into Cardiovascular Function, and Skeletal Muscle Hypertrophy in Humans. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 191.	1.2	13
35	Autonomic responses to exercise: Group III/IV muscle afferents and fatigue. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 19-23.	2.8	134
36	Spinal μ -opioid receptor-sensitive lower limb muscle afferents determine corticospinal responsiveness and promote central fatigue in upper limb muscle. <i>Journal of Physiology</i> , 2014, 592, 5011-5024.	2.9	94

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37	Operating lung volumes are affected by exercise mode but not trunk and hip angle during maximal exercise. <i>European Journal of Applied Physiology</i> , 2014, 114, 2387-2397.	2.5	17
38	Comments on Point:Counterpoint: Hypobaric hypoxia induces/does not induce different responses from normobaric hypoxia. <i>Journal of Applied Physiology</i> , 2012, 112, 1788-1794.	2.5	34
39	On the hemodynamic consequence of the chemoreflex and muscle mechanoreflex interaction in women and men: two tales, one story. <i>Journal of Physiology</i> , 0, , .	2.9	4