# Joshua C Weavil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3368982/publications.pdf

Version: 2024-02-01

| 39 | 1,126 | 430874 | 395702 |
|---|---|---|---|
| papers | citations | 18 h-index | 33 g-index |

| 39 | 39 | 39 | 1164 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Autonomic responses to exercise: Group III/IV muscle afferents and fatigue. Autonomic Neuroscience: Basic and Clinical, 2015, 188, 19-23. | 2.8 | 134 |
| 2 | Group III/IV muscle afferents limit the intramuscular metabolic perturbation during whole body exercise in humans. Journal of Physiology, 2016, 594, 5303-5315. | 2.9 | 127 |
| 3 | Spinal Î¼â€opioid receptorâ€sensitive lower limb muscle afferents determine corticospinal responsiveness and promote central fatigue in upper limb muscle. Journal of Physiology, 2014, 592, 5011-5024. | 2.9 | 94 |
| 4 | Group III/IV locomotor muscle afferents alter motor cortical and corticospinal excitability and promote central fatigue during cycling exercise. Clinical Neurophysiology, 2017, 128, 44-55. | 1.5 | 92 |
| 5 | Symmorphosis and skeletal muscle : in vivo and in vitro measures reveal differing constraints in the exerciseâ€trained and untrained human. Journal of Physiology, 2016, 594, 1741-1751. | 2.9 | 79 |
| 6 | Fatigueâ€related group III/IV muscle afferent feedback facilitates intracortical inhibition during locomotor exercise. Journal of Physiology, 2018, 596, 4789-4801. | 2.9 | 64 |
| 7 | Fatigue diminishes motoneuronal excitability during cycling exercise. Journal of Neurophysiology, 2016, 116, 1743-1751. | 1.8 | 39 |
| 8 | Intensity-dependent alterations in the excitability of cortical and spinal projections to the knee extensors during isometric and locomotor exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R998-R1007. | 1.8 | 37 |
| 9 | Comments on Point:Counterpoint: Hypobaric hypoxia induces/does not induce different responses from normobaric hypoxia. Journal of Applied Physiology, 2012, 112, 1788-1794. | 2.5 | 34 |
| 10 | Acute High-Intensity Exercise Impairs Skeletal Muscle Respiratory Capacity. Medicine and Science in Sports and Exercise, 2018, 50, 2409-2417. | 0.4 | 34 |
| 11 | Pharmacological attenuation of group III/IV muscle afferents improves endurance performance when oxygen delivery to locomotor muscles is preserved. Journal of Applied Physiology, 2019, 127, 1257-1266. | 2.5 | 31 |
| 12 | Aging alters muscle reflex control of autonomic cardiovascular responses to rhythmic contractions in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1479-H1489. | 3.2 | 30 |
| 13 | On the Influence of Group III/IV Muscle Afferent Feedback on Endurance Exercise Performance. Exercise and Sport Sciences Reviews, 2020, 48, 209-216. | 3.0 | 30 |
| 14 | The exercise pressor reflex and chemoreflex interaction: cardiovascular implications for the exercising human. Journal of Physiology, 2020, 598, 2311-2321. | 2.9 | 29 |
| 15 | Identifying the role of group III/IV muscle afferents in the carotid baroreflex control of mean arterial pressure and heart rate during exercise. Journal of Physiology, 2018, 596, 1373-1384. | 2.9 | 27 |
| 16 | Corticospinal excitability during fatiguing whole body exercise. Progress in Brain Research, 2018, 240, 219-246. | 1.4 | 25 |
| 17 | On the role of skeletal muscle acidosis and inorganic phosphates as determinants of central and peripheral fatigue: A <sup>31</sup>Pâ€MRS study. Journal of Physiology, 2022, 600, 3069-3081. | 2.9 | 23 |
| 18 | Neuromuscular fatigue during whole body exercise. Current Opinion in Physiology, 2019, 10, 128-136. | 1.8 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Operating lung volumes are affected by exercise mode but not trunk and hip angle during maximal exercise. European Journal of Applied Physiology, 2014, 114, 2387-2397. | 2.5 | 17 |
| 20 | Vascular mitochondrial respiratory function: the impact of advancing age. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1660-H1669. | 3.2 | 17 |
| 21 | Endurance exercise performance in acute hypoxia is influenced by expiratory flow limitation. European Journal of Applied Physiology, 2015, 115, 1653-1663. | 2.5 | 16 |
| 22 | Exercise Pressor Reflex Contributes to the Cardiovascular Abnormalities Characterizing. Hypertension, 2019, 74, 1468-1475. | 2.7 | 15 |
| 23 | Impact of age on the development of fatigue during large and small muscle mass exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R741-R750. | 1.8 | 14 |
| 24 | Low Intensity Resistance Exercise Training with Blood Flow Restriction: Insight into Cardiovascular Function, and Skeletal Muscle Hypertrophy in Humans. Korean Journal of Physiology and Pharmacology, 2015, 19, 191. | 1.2 | 13 |
| 25 | Vasodilatory and vascular mitochondrial respiratory function with advancing age: evidence of a free radically mediated link in the human vasculature. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R701-R711. | 1.8 | 13 |
| 26 | Heart failure with preserved ejection fraction diminishes peripheral hemodynamics and accelerates exercise-induced neuromuscular fatigue. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H338-H351. | 3.2 | 13 |
| 27 | The mechanistic basis of the powerâ€“time relationship: potential role of the group III/IV muscle afferents. Journal of Physiology, 2016, 594, 7165-7166. | 2.9 | 9 |
| 28 | The muscle reflex and chemoreflex interaction: ventilatory implications for the exercising human. Journal of Applied Physiology, 2020, 129, 691-700. | 2.5 | 9 |
| 29 | Ascorbate attenuates cycling exercise-induced neuromuscular fatigue but fails to improve exertional dyspnea and exercise tolerance in COPD. Journal of Applied Physiology, 2021, 130, 69-79. | 2.5 | 8 |
| 30 | On the implication of dietary nitrate supplementation for the hemodynamic and fatigue response to cycling exercise. Journal of Applied Physiology, 2021, 131, 1691-1700. | 2.5 | 8 |
| 31 | Symmorphosis in patients with chronic heart failure?. Journal of Applied Physiology, 2016, 121, 1039-1039. | 2.5 | 4 |
| 32 | On the hemodynamic consequence of the chemoreflex and muscle mechanoreflex interaction in women and men: two tales, one story. Journal of Physiology, 0, , . | 2.9 | 4 |
| 33 | The relationship between Wâ€² and peripheral fatigue considered. Experimental Physiology, 2020, 105, 211-212. | 2.0 | 3 |
| 34 | Acute high-intensity exercise and skeletal muscle mitochondrial respiratory function: role of metabolic perturbation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R687-R698. | 1.8 | 3 |
| 35 | Impact of aging on the work of breathing during exercise in healthy men. Journal of Applied Physiology, 2022, 132, 689-698. | 2.5 | 3 |
| 36 | Passive leg movement-induced vasodilation and exercise-induced sympathetic vasoconstriction. Autonomic Neuroscience: Basic and Clinical, 2022, 239, 102969. | 2.8 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Gene and protein expression of dorsal root ganglion sensory receptors in normotensive and hypertensive male rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 323, R221-R226. | 1.8 | 2 |
| 38 | Muscle Afferent Blockade Improves Endurance Exercise Performance When O2 Transport To Locomotor Muscles Is Pre- served. Medicine and Science in Sports and Exercise, 2018, 50, 849. | 0.4 | 1 |
| 39 | Preâ€fatiguing Isometric Quadriceps Exercise Impairs Contralateral Quadriceps Wâ€™ During Allâ€out and Not Target Torque Time to Task Failure Exercise. FASEB Journal, 2022, 36, . | 0.5 | 0 |