

Jesse C Craig

List of Publications by Year in descending order

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54
papers

846
citations

516710

16
h-index

526287

27
g-index

54
all docs

54
docs citations

54
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Power: Over 95 years of evidence and evolution. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 933-934.	2.9	3
2	Pre-fatiguing Isometric Quadriceps Exercise Impairs Contralateral Quadriceps Work During All-out and Not Target Torque Time to Task Failure Exercise. FASEB Journal, 2022, 36, .	0.5	0
3	Targeting Endogenous Antioxidant Capacity to Prevent Vascular Dysfunction Induced by Limb Immobilization. FASEB Journal, 2022, 36, .	0.5	0
4	The Impact of Short-Term Tetrahydrobiopterin (BH ₄) Supplementation on Peripheral Vascular Function in Heart Failure with Preserved Ejection Fraction (HFpEF). FASEB Journal, 2022, 36, .	0.5	1
5	The role of the endothelium in the hyperemic response to passive leg movement: looking beyond nitric oxide. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H668-H678.	3.2	9
6	Regulation of capillary hemodynamics by K ⁺ ATP channels in resting skeletal muscle. Physiological Reports, 2021, 9, e14803.	1.7	3
7	The dynamic adjustment of mean arterial pressure during exercise: a potential tool for discerning cardiovascular health status. Journal of Applied Physiology, 2021, 130, 1544-1554.	2.5	4
8	Impact of presymptomatic COVID-19 on vascular and skeletal muscle function: a case study. Journal of Applied Physiology, 2021, 130, 1961-1970.	2.5	17
9	Low Fitness and High Fatness: The "Double Whammy" on Vascular Health. The Korean Journal of Sports Medicine, 2021, 39, 91-94.	0.2	0
10	The role of endothelin A receptors in peripheral vascular control at rest and during exercise in patients with hypertension. Journal of Physiology, 2020, 598, 71-84.	2.9	3
11	The relationship between $\dot{V}O_2$ and peripheral fatigue considered. Experimental Physiology, 2020, 105, 211-212.	2.0	3
12	Guidelines for animal exercise and training protocols for cardiovascular studies. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1100-H1138.	3.2	66
13	Systemic NOS inhibition reduces contracting muscle oxygenation more in intact female than male rats. Nitric Oxide - Biology and Chemistry, 2020, 100-101, 38-44.	2.7	3
14	ATP-sensitive K ⁺ channel inhibition in rats decreases kidney and skeletal muscle blood flow without increasing sympathetic nerve discharge. Respiratory Physiology and Neurobiology, 2020, 278, 103444.	1.6	8
15	Transcapillary PO ₂ gradients in contracting muscles across the fibre type and oxidative continuum. Journal of Physiology, 2020, 598, 3187-3202.	2.9	15
16	Distribution Of Passive Leg Movement-induced Hyperemia In Old And Impact Of Occluding The Lower Leg. Medicine and Science in Sports and Exercise, 2020, 52, 240-240.	0.4	0
17	Skeletal muscle interstitial O ₂ pressures: bridging the gap between the capillary and myocyte. Microcirculation, 2019, 26, e12497.	1.8	29
18	Skeletal muscle interstitial Po ₂ kinetics during recovery from contractions. Journal of Applied Physiology, 2019, 127, 930-939.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Central and peripheral factors mechanistically linked to exercise intolerance in heart failure with reduced ejection fraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H434-H444.	3.2	24
20	Exercise intensity and middle cerebral artery dynamics in humans. <i>Respiratory Physiology and Neurobiology</i> , 2019, 262, 32-39.	1.6	30
21	Sexual dimorphism in the control of skeletal muscle interstitial P_{O_2} of heart failure rats: effects of dietary nitrate supplementation. <i>Journal of Applied Physiology</i> , 2019, 126, 1184-1192.	2.5	13
22	Commentaries on Viewpoint: Managing the power grid: How myoglobin can regulate P_{O_2} and energy distribution in skeletal muscle. <i>Journal of Applied Physiology</i> , 2019, 126, 791-794.	2.5	2
23	Impact of Acute Dietary Nitrate Supplementation during Exercise in Hypertensive Women. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1014-1021.	0.4	10
24	Critical Power. , 2019, , 159-181.		11
25	The Role of Endothelin-1 in Exercising Blood Flow and Blood Pressure Regulation in Patients with Hypertension. <i>FASEB Journal</i> , 2019, 33, 696.11.	0.5	0
26	Skeletal muscle microvascular and interstitial from rest to contractions. <i>Journal of Physiology</i> , 2018, 596, 869-883.	2.9	42
27	The Respiratory Compensation Point and the Deoxygenation Break Point Are Not Valid Surrogates for Critical Power and Maximum Lactate Steady State. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2379-2382.	0.4	23
28	Sex and nitric oxide bioavailability interact to modulate interstitial P_{O_2} in healthy rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2018, 124, 1558-1566.	2.5	10
29	Effect of dietary nitrate supplementation on conduit artery blood flow, muscle oxygenation, and metabolic rate during handgrip exercise. <i>Journal of Applied Physiology</i> , 2018, 125, 254-262.	2.5	28
30	Effect of healthy aging and sex on middle cerebral artery blood velocity dynamics during moderate-intensity exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H492-H501.	3.2	54
31	Regulation of Capillary Hemodynamics by K ^{ATP} Channels in Resting Skeletal Muscle. <i>FASEB Journal</i> , 2018, 32, 581.8.	0.5	2
32	Central Cardiac Determinants of the Speed-Duration Relationship in Heart Failure Rats. <i>FASEB Journal</i> , 2018, 32, 853.15.	0.5	0
33	Effect of Dietary Nitrate on Blood Pressure and Vascular Control in Postmenopausal Hypertensive Women. <i>FASEB Journal</i> , 2018, 32, 847.15.	0.5	0
34	Vascular K ^{ATP} channels mitigate severe muscle O ₂ delivery-utilization mismatch during contractions in chronic heart failure rats. <i>Respiratory Physiology and Neurobiology</i> , 2017, 238, 33-40.	1.6	9
35	Effect of sodium nitrite on local control of contracting skeletal muscle microvascular oxygen pressure in healthy rats. <i>Journal of Applied Physiology</i> , 2017, 122, 153-160.	2.5	13
36	Dynamics of middle cerebral artery blood flow velocity during moderate-intensity exercise. <i>Journal of Applied Physiology</i> , 2017, 122, 1125-1133.	2.5	57

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37	Effect of adipose tissue thickness, muscle site, and sex on near-infrared spectroscopy derived total-[hemoglobin + myoglobin]. <i>Journal of Applied Physiology</i> , 2017, 123, 1571-1578.	2.5	48
38	Use of electromyography to detect muscle exhaustion in finishing barrows fed ractopamine HCl. <i>Journal of Animal Science</i> , 2016, 94, 2344-2356.	0.5	7
39	Wâ€² expenditure and reconstitution during severe intensity constant power exercise: mechanistic insight into the determinants of Wâ€². <i>Physiological Reports</i> , 2016, 4, e12856.	1.7	15
40	Prediction of Lunar- and Martian-Based Intra- and Site-to-Site Task Performance. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 367-374.	0.4	6
41	Dietary nitrate supplementation: impact on skeletal muscle vascular control in exercising rats with chronic heart failure. <i>Journal of Applied Physiology</i> , 2016, 121, 661-669.	2.5	34
42	Beetroot Supplementation Improves Microvascular Hemodynamics and Diffusive Oxygen Transport in Chronic Heart Failure Rats. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 669.	0.4	1
43	Upper Body Aerobic Exercise as a Possible Predictor of Lower Body Performance. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 599-605.	0.4	7
44	Considerations for Identifying the Boundaries of Sustainable Performance. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1997.	0.4	7
45	Influence of blood flow occlusion on the development of peripheral and central fatigue during small muscle mass handgrip exercise. <i>Journal of Physiology</i> , 2015, 593, 4043-4054.	2.9	65
46	The effect of resting blood flow occlusion on exercise tolerance and Wâ€². <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R684-R691.	1.8	7
47	Influence of blood flow occlusion on muscle oxygenation characteristics and the parameters of the power-duration relationship. <i>Journal of Applied Physiology</i> , 2015, 118, 880-889.	2.5	48
48	The relationship between critical speed and the respiratory compensation point: Coincidence or equivalence. <i>European Journal of Sport Science</i> , 2015, 15, 631-639.	2.7	26
49	Standardized Exercise Tests and Simulated Terrestrial Mission Task Performance. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 982-989.	0.4	4
50	Effect of Beetroot Juice Supplementation on Conduit Artery and Microvascular Hemodynamics During Small Muscle Mass Handgrip Exercise. <i>FASEB Journal</i> , 2015, 29, 994.9.	0.5	0
51	Influence of Ischemia on Peripheral and Central Fatigue During Handgrip Exercise. <i>FASEB Journal</i> , 2015, 29, 824.19.	0.5	1
52	Beetroot Supplementation and Small Muscle Mass Handgrip Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 192.	0.4	0
53	Relationship between simulated extravehicular activity tasks and measurements of physical performance. <i>Respiratory Physiology and Neurobiology</i> , 2014, 203, 19-27.	1.6	14
54	Influence of duty cycle on the power-duration relationship: Observations and potential mechanisms. <i>Respiratory Physiology and Neurobiology</i> , 2014, 192, 102-111.	1.6	56