

Joshua R Smith

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

982
citations

393982

19
h-index

552369

26
g-index

71
all docs

71
docs citations

71
times ranked

994
citing authors

#	ARTICLE	IF	CITATIONS
1	Inspiratory muscle weakness in cardiovascular diseases: Implications for cardiac rehabilitation. <i>Progress in Cardiovascular Diseases</i> , 2022, 70, 49-57.	1.6	14
2	Sex Differences in Cardiac Rehabilitation Outcomes. <i>Circulation Research</i> , 2022, 130, 552-565.	2.0	26
3	Influence of locomotor muscle group III/IV afferents on cardiovascular and ventilatory responses in human heart failure during submaximal exercise. <i>Journal of Applied Physiology</i> , 2022, 132, 903-914.	1.2	3
4	Age-Related Differences for Cardiorespiratory Fitness Improvement in Patients Undergoing Cardiac Rehabilitation. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 872757.	1.1	6
5	Predictors of Rehabilitation Referral Among Cardiovascular Surgical Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 848610.	1.1	0
6	Cutaneous Microvascular Endothelial Function: Effects of Sex and Menopause Stage. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
7	Cardiac Rehabilitation Referral and Participation Rates for Heart Failure With Reduced Ejection Fraction. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021, 41, 126-127.	1.2	2
8	The Association of Sleep Apnea and Cardiorespiratory Fitness With Long-Term Major Cardiovascular Events. <i>Mayo Clinic Proceedings</i> , 2021, 96, 636-647.	1.4	5
9	Exercise training decreases intercostal and transversus abdominis muscle blood flows in heart failure rats during submaximal exercise. <i>Respiratory Physiology and Neurobiology</i> , 2021, 292, 103710.	0.7	2
10	Influence of muscular contraction on vascular conductance during exercise above versus below critical power. <i>Respiratory Physiology and Neurobiology</i> , 2021, 293, 103718.	0.7	6
11	Cardiorespiratory Responses During High-Intensity Interval Training Prescribed by Rating of Perceived Exertion in Patients After Myocardial Infarction Enrolled in Early Outpatient Cardiac Rehabilitation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 772815.	1.1	1
12	The Influence of Sex Differences on Cardiopulmonary Exercise Metrics Following Heart Transplant. <i>Canadian Journal of Cardiology</i> , 2020, 36, 54-59.	0.8	3
13	Microvascular blood flow during vascular occlusion tests assessed by diffuse correlation spectroscopy. <i>Experimental Physiology</i> , 2020, 105, 201-210.	0.9	16
14	Type II diabetes accentuates diaphragm blood flow increases during submaximal exercise in the rat. <i>Respiratory Physiology and Neurobiology</i> , 2020, 281, 103518.	0.7	2
15	Respiratory muscle work influences locomotor convective and diffusive oxygen transport in human heart failure during exercise. <i>Physiological Reports</i> , 2020, 8, e14484.	0.7	8
16	The Prevalence of Expiratory Flow Limitation in Youth Elite Male Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1933-1939.	0.2	3
17	Locomotor muscle group III/IV afferents constrain stroke volume and contribute to exercise intolerance in human heart failure. <i>Journal of Physiology</i> , 2020, 598, 5379-5390.	1.3	24
18	Metabolic and mechanoreceptor expression in human heart failure: Relationships with the locomotor muscle afferent influence on exercise responses. <i>Experimental Physiology</i> , 2020, 105, 809-818.	0.9	16

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19	Predictors of exercise capacity following septal myectomy in patients with hypertrophic cardiomyopathy. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1066-1073.	0.8	10
20	The Role of Cardiac Rehabilitation in Reducing Major Adverse Cardiac Events in Heart Transplant Patients. <i>Journal of Cardiac Failure</i> , 2020, 26, 645-651.	0.7	22
21	Combined influence of inspiratory loading and locomotor subsystolic cuff inflation on cardiovascular responses during submaximal exercise. <i>Journal of Applied Physiology</i> , 2020, 128, 1338-1345.	1.2	0
22	Comment on: "Sex Dimorphism of $V_{O_{2\max}}$ Trainability: A Systematic Review and Meta-analysis". <i>Sports Medicine</i> , 2020, 50, 1047-1048.	3.1	2
23	High-intensity interval training improves metabolic syndrome and body composition in outpatient cardiac rehabilitation patients with myocardial infarction. <i>Cardiovascular Diabetology</i> , 2019, 18, 104.	2.7	43
24	Impaired central hemodynamics in chronic obstructive pulmonary disease during submaximal exercise. <i>Journal of Applied Physiology</i> , 2019, 127, 691-697.	1.2	17
25	High-Intensity Interval Training in Cardiac Rehabilitation: Impact on Fat Mass in Patients With Myocardial Infarction. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1718-1730.	1.4	30
26	High-Intensity Interval Training in Cardiac Rehabilitation. <i>Clinics in Geriatric Medicine</i> , 2019, 35, 469-487.	1.0	51
27	Clinical and Rehabilitative Predictors of Peak Oxygen Uptake Following Cardiac Transplantation. <i>Journal of Clinical Medicine</i> , 2019, 8, 119.	1.0	10
28	Reply to Barbosa and MÅller. <i>Experimental Physiology</i> , 2019, 104, 777-778.	0.9	0
29	Exercise tolerance through severe and extreme intensity domains. <i>Physiological Reports</i> , 2019, 7, e14014.	0.7	9
30	Intercostal muscle blood flow is elevated in old rats during submaximal exercise. <i>Respiratory Physiology and Neurobiology</i> , 2019, 263, 26-30.	0.7	6
31	Ventilatory Limitation of Exercise in Pediatric Subjects Evaluated for Exertional Dyspnea. <i>Frontiers in Physiology</i> , 2019, 10, 20.	1.3	5
32	Exercise Ventilatory Efficiency in Older and Younger Heart Failure Patients With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2019, 25, 278-285.	0.7	5
33	Influence of Sex, Menstrual Cycle, and Menopause Status on the Exercise Pressor Reflex. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 874-881.	0.2	38
34	Exercise ventilatory inefficiency in heart failure and chronic obstructive pulmonary disease. <i>International Journal of Cardiology</i> , 2019, 274, 232-236.	0.8	17
35	Ventilatory constraints influence physiological dead space in heart failure. <i>Experimental Physiology</i> , 2019, 104, 70-80.	0.9	20
36	Elevated sympathetic vasomotor outflow in response to increased inspiratory muscle activity during exercise is less in young women compared with men. <i>Experimental Physiology</i> , 2018, 103, 570-580.	0.9	29

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37	Dietary nitrate supplementation opposes the elevated diaphragm blood flow in chronic heart failure during submaximal exercise. <i>Respiratory Physiology and Neurobiology</i> , 2018, 247, 140-145.	0.7	11
38	Older women exhibit greater airway 8-isoprostane responses to strenuous exercise compared with older men and younger controls. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 497-503.	0.9	2
39	Chronic femoral artery ligation exaggerates the pressor and sympathetic nerve responses during dynamic skeletal muscle stretch in decerebrate rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H246-H254.	1.5	15
40	Predictors of Exercise Capacity in Patients with Hypertrophic Obstructive Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2018, 7, 447.	1.0	18
41	The noninvasive simultaneous measurement of tissue oxygenation and microvascular hemodynamics during incremental handgrip exercise. <i>Journal of Applied Physiology</i> , 2018, 124, 604-614.	1.2	24
42	Resistive and elastic work of breathing in older and younger adults during exercise. <i>Journal of Applied Physiology</i> , 2018, 125, 190-197.	1.2	23
43	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.	1.2	28
44	Alveolar Air and O ₂ Uptake During Exercise in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2018, 24, 695-705.	0.7	4
45	Deoxyhemoglobin Kinetics During Low Intensity Exercise Step Transitions in Aging Men and Women. <i>FASEB Journal</i> , 2018, 32, 853.21.	0.2	0
46	Post-prandial systemic 8-isoprostane increases after consumption of moderate and high-fat meals in insufficiently active males. <i>Nutrition Research</i> , 2017, 39, 61-68.	1.3	7
47	Does chronic physical activity level modify the airway inflammatory response to an acute bout of exercise in the postprandial period?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 173-180.	0.9	8
48	Expiratory flow limitation and operating lung volumes during exercise in older and younger adults. <i>Respiratory Physiology and Neurobiology</i> , 2017, 240, 26-31.	0.7	22
49	Cardiovascular consequences of the inspiratory muscle metaboreflex: effects of age and sex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H1013-H1020.	1.5	28
50	Effect of chronic heart failure in older rats on respiratory muscle and hindlimb blood flow during submaximal exercise. <i>Respiratory Physiology and Neurobiology</i> , 2017, 243, 20-26.	0.7	23
51	Effect of cyclooxygenase inhibition on the inspiratory muscle metaboreflex-induced cardiovascular consequences in men. <i>Journal of Applied Physiology</i> , 2017, 123, 197-204.	1.2	6
52	Respiratory muscle blood flow during exercise: Effects of sex and ovarian cycle. <i>Journal of Applied Physiology</i> , 2017, 122, 918-924.	1.2	17
53	Left ventricular strain rate is reduced during voluntary apnea in healthy humans. <i>Journal of Applied Physiology</i> , 2017, 123, 1730-1737.	1.2	2
54	Bradykinin does not acutely sensitize the reflex pressor response during hindlimb skeletal muscle stretch in decerebrate rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R463-R472.	0.9	5

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55	Household Air Pollution Exposure and Influence of Lifestyle on Respiratory Health and Lung Function in Belizean Adults and Children: A Field Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 643.	1.2	13
56	Acute supplementation of N-acetylcysteine does not affect muscle blood flow and oxygenation characteristics during handgrip exercise. <i>Physiological Reports</i> , 2016, 4, e12748.	0.7	11
57	The effect of exercise training with an additional inspiratory load on inspiratory muscle fatigue and time-trial performance. <i>Respiratory Physiology and Neurobiology</i> , 2016, 230, 54-59.	0.7	17
58	Sex differences in the cardiovascular consequences of the inspiratory muscle metaboreflex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R574-R581.	0.9	46
59	Effects of an acute bout of moderate-intensity exercise on postprandial lipemia and airway inflammation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 284-291.	0.9	21
60	The Effect of Low Volume Interval Training on Resting Blood Pressure in Pre-hypertensive Subjects: A Preliminary Study. <i>Physician and Sportsmedicine</i> , 2016, 44, 177-183.	1.0	8
61	Improved lung function following dietary antioxidant supplementation in exercise-induced asthmatics. <i>Respiratory Physiology and Neurobiology</i> , 2016, 220, 95-101.	0.7	18
62	Sex Differences in Normal Pulmonary Structure and Function at Rest and During Exercise. <i>Respiratory Medicine</i> , 2016, , 1-26.	0.1	0
63	Impact of varying physical activity levels on airway sensitivity and bronchodilation in healthy humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1287-1293.	0.9	5
64	Absence of Respiratory Muscle Fatigue in High-Intensity Continuous or Interval Cycling Exercise. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3171-3176.	1.0	11
65	Decreased Prevalence of Exercise Expiratory Flow Limitation from Pre- to Postpuberty. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1503-1511.	0.2	15
66	The effects of antioxidant vitamin supplementation on expiratory flow rates at rest and during exercise. <i>European Journal of Applied Physiology</i> , 2015, 115, 2049-2058.	1.2	16
67	Lung volume and expiratory flow rates from pre- to post-puberty. <i>European Journal of Applied Physiology</i> , 2015, 115, 1645-1652.	1.2	22
68	Does menstrual cycle phase affect lung diffusion capacity during exercise?. <i>Respiratory Physiology and Neurobiology</i> , 2015, 205, 99-104.	0.7	24
69	The Effect of N-acetylcysteine on Peripheral Hemodynamics and Fatigue during Exercise. <i>FASEB Journal</i> , 2015, 29, 994.10.	0.2	0
70	Dysanapsis ratio as a predictor for expiratory flow limitation. <i>Respiratory Physiology and Neurobiology</i> , 2014, 198, 25-31.	0.7	41
71	Influence of exercise intensity on respiratory muscle fatigue and brachial artery blood flow during cycling exercise. <i>European Journal of Applied Physiology</i> , 2014, 114, 1767-1777.	1.2	20