List of Publications by Year in descending order

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IOSHIIA P SMITH

#	Article	IF	CITATIONS
1	Inspiratory muscle weakness in cardiovascular diseases: Implications for cardiac rehabilitation. Progress in Cardiovascular Diseases, 2022, 70, 49-57.	3.1	14
2	Sex Differences in Cardiac Rehabilitation Outcomes. Circulation Research, 2022, 130, 552-565.	4.5	26
3	Influence of locomotor muscle group III/IV afferents on cardiovascular and ventilatory responses in human heart failure during submaximal exercise. Journal of Applied Physiology, 2022, 132, 903-914.	2.5	3
4	Age-Related Differences for Cardiorespiratory Fitness Improvement in Patients Undergoing Cardiac Rehabilitation. Frontiers in Cardiovascular Medicine, 2022, 9, 872757.	2.4	6
5	Predictors of Rehabilitation Referral Among Cardiovascular Surgical Patients. Frontiers in Cardiovascular Medicine, 2022, 9, 848610.	2.4	0
6	Cutaneous Microvascular Endothelial Function: Effects of Sex and Menopause Stage. FASEB Journal, 2022, 36, .	0.5	0
7	Cardiac Rehabilitation Referral and Participation Rates for Heart Failure With Reduced Ejection Fraction. Journal of Cardiopulmonary Rehabilitation and Prevention, 2021, 41, 126-127.	2.1	2
8	The Association of Sleep Apnea and Cardiorespiratory Fitness With Long-Term Major Cardiovascular Events. Mayo Clinic Proceedings, 2021, 96, 636-647.	3.0	5
9	Exercise training decreases intercostal and transversus abdominis muscle blood flows in heart failure rats during submaximal exercise. Respiratory Physiology and Neurobiology, 2021, 292, 103710.	1.6	2
10	Influence of muscular contraction on vascular conductance during exercise above versus below critical power. Respiratory Physiology and Neurobiology, 2021, 293, 103718.	1.6	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. Frontiers in Cardiovascular Medicine, 2021, 8, 772815.	2.4	1
12	The Influence of Sex Differences on Cardiopulmonary Exercise Metrics Following Heart Transplant. Canadian Journal of Cardiology, 2020, 36, 54-59.	1.7	3
13	Microvascular blood flow during vascular occlusion tests assessed by diffuse correlation spectroscopy. Experimental Physiology, 2020, 105, 201-210.	2.0	16
14	Type II diabetes accentuates diaphragm blood flow increases during submaximal exercise in the rat. Respiratory Physiology and Neurobiology, 2020, 281, 103518.	1.6	2
15	Respiratory muscle work influences locomotor convective and diffusive oxygen transport in human heart failure during exercise. Physiological Reports, 2020, 8, e14484.	1.7	8
16	The Prevalence of Expiratory Flow Limitation in Youth Elite Male Cyclists. Medicine and Science in Sports and Exercise, 2020, 52, 1933-1939.	0.4	3
17	Locomotor muscle group III/IV afferents constrain stroke volume and contribute to exercise intolerance in human heart failure. Journal of Physiology, 2020, 598, 5379-5390.	2.9	24
18	Metabo―and mechanoreceptor expression in human heart failure: Relationships with the locomotor muscle afferent influence on exercise responses. Experimental Physiology, 2020, 105, 809-818.	2.0	16

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19	Predictors of exercise capacity following septal myectomy in patients with hypertrophic cardiomyopathy. European Journal of Preventive Cardiology, 2020, 27, 1066-1073.	1.8	10
20	The Role of Cardiac Rehabilitation in Reducing Major Adverse Cardiac Events in Heart Transplant Patients. Journal of Cardiac Failure, 2020, 26, 645-651.	1.7	22
21	Combined influence of inspiratory loading and locomotor subsystolic cuff inflation on cardiovascular responses during submaximal exercise. Journal of Applied Physiology, 2020, 128, 1338-1345.	2.5	0
22	Comment on: "Sex Dimorphism of \$\$V{ext{O}}_{{ 2 {ext{max}}}\$ Trainability: A Systematic Review and Meta-analysis― Sports Medicine, 2020, 50, 1047-1048.	6.5	2
23	High-intensity interval training improves metabolic syndrome and body composition in outpatient cardiac rehabilitation patients with myocardial infarction. Cardiovascular Diabetology, 2019, 18, 104.	6.8	43
24	Impaired central hemodynamics in chronic obstructive pulmonary disease during submaximal exercise. Journal of Applied Physiology, 2019, 127, 691-697.	2.5	17
25	High-Intensity Interval Training in Cardiac Rehabilitation: Impact on Fat Mass in Patients With Myocardial Infarction. Mayo Clinic Proceedings, 2019, 94, 1718-1730.	3.0	30
26	High-Intensity Interval Training in Cardiac Rehabilitation. Clinics in Geriatric Medicine, 2019, 35, 469-487.	2.6	51
27	Clinical and Rehabilitative Predictors of Peak Oxygen Uptake Following Cardiac Transplantation. Journal of Clinical Medicine, 2019, 8, 119.	2.4	10
28	Reply to Barbosa and Müller. Experimental Physiology, 2019, 104, 777-778.	2.0	0
29	Exercise tolerance through severe and extreme intensity domains. Physiological Reports, 2019, 7, e14014.	1.7	9
30	Intercostal muscle blood flow is elevated in old rats during submaximal exercise. Respiratory Physiology and Neurobiology, 2019, 263, 26-30.	1.6	6
31	Ventilatory Limitation of Exercise in Pediatric Subjects Evaluated for Exertional Dyspnea. Frontiers in Physiology, 2019, 10, 20.	2.8	5
32	Exercise Ventilatory Efficiency in Older and Younger Heart Failure Patients With Preserved Ejection Fraction. Journal of Cardiac Failure, 2019, 25, 278-285.	1.7	5
33	Influence of Sex, Menstrual Cycle, and Menopause Status on the Exercise Pressor Reflex. Medicine and Science in Sports and Exercise, 2019, 51, 874-881.	0.4	38
34	Exercise ventilatory inefficiency in heart failure and chronic obstructive pulmonary disease. International Journal of Cardiology, 2019, 274, 232-236.	1.7	17
35	Ventilatory constraints influence physiological dead space in heart failure. Experimental Physiology, 2019, 104, 70-80.	2.0	20
36	Elevated sympathetic vasomotor outflow in response to increased inspiratory muscle activity during exercise is less in young women compared with men. Experimental Physiology, 2018, 103, 570-580.	2.0	29

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37	Dietary nitrate supplementation opposes the elevated diaphragm blood flow in chronic heart failure during submaximal exercise. Respiratory Physiology and Neurobiology, 2018, 247, 140-145.	1.6	11
38	Older women exhibit greater airway 8-isoprostane responses to strenuous exercise compared with older men and younger controls. Applied Physiology, Nutrition and Metabolism, 2018, 43, 497-503.	1.9	2
39	Chronic femoral artery ligation exaggerates the pressor and sympathetic nerve responses during dynamic skeletal muscle stretch in decerebrate rats. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H246-H254.	3.2	15
40	Predictors of Exercise Capacity in Patients with Hypertrophic Obstructive Cardiomyopathy. Journal of Clinical Medicine, 2018, 7, 447.	2.4	18
41	The noninvasive simultaneous measurement of tissue oxygenation and microvascular hemodynamics during incremental handgrip exercise. Journal of Applied Physiology, 2018, 124, 604-614.	2.5	24
42	Resistive and elastic work of breathing in older and younger adults during exercise. Journal of Applied Physiology, 2018, 125, 190-197.	2.5	23
43	Effect of dietary nitrate supplementation on conduit artery blood flow, muscle oxygenation, and metabolic rate during handgrip exercise. Journal of Applied Physiology, 2018, 125, 254-262.	2.5	28
44	Alveolar Air and O2 Uptake During Exercise in Patients With Heart Failure. Journal of Cardiac Failure, 2018, 24, 695-705.	1.7	4
45	Deoxyhemoglobin Kinetics During Low Intensity Exercise Stepâ€ŧransitions in Aging Men and Women. FASEB Journal, 2018, 32, 853.21.	0.5	0
46	Post-prandial systemic 8-isoprostane increases after consumption of moderate and high-fat meals in insufficiently active males. Nutrition Research, 2017, 39, 61-68.	2.9	7
47	Does chronic physical activity level modify the airway inflammatory response to an acute bout of exercise in the postprandial period?. Applied Physiology, Nutrition and Metabolism, 2017, 42, 173-180.	1.9	8
48	Expiratory flow limitation and operating lung volumes during exercise in older and younger adults. Respiratory Physiology and Neurobiology, 2017, 240, 26-31.	1.6	22
49	Cardiovascular consequences of the inspiratory muscle metaboreflex: effects of age and sex. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H1013-H1020.	3.2	28
50	Effect of chronic heart failure in older rats on respiratory muscle and hindlimb blood flow during submaximal exercise. Respiratory Physiology and Neurobiology, 2017, 243, 20-26.	1.6	23
51	Effect of cyclooxygenase inhibition on the inspiratory muscle metaboreflex-induced cardiovascular consequences in men. Journal of Applied Physiology, 2017, 123, 197-204.	2.5	6
52	Respiratory muscle blood flow during exercise: Effects of sex and ovarian cycle. Journal of Applied Physiology, 2017, 122, 918-924.	2.5	17
53	Left ventricular strain rate is reduced during voluntary apnea in healthy humans. Journal of Applied Physiology, 2017, 123, 1730-1737.	2.5	2
54	Bradykinin does not acutely sensitize the reflex pressor response during hindlimb skeletal muscle stretch in decerebrate rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R463-R472.	1.8	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. International Journal of Environmental Research and Public Health, 2016, 13, 643.	2.6	13
56	Acute supplementation of <i>N</i> -acetylcysteine does not affect muscle blood flow and oxygenation characteristics during handgrip exercise. Physiological Reports, 2016, 4, e12748.	1.7	11
57	The effect of exercise training with an additional inspiratory load on inspiratory muscle fatigue and time-trial performance. Respiratory Physiology and Neurobiology, 2016, 230, 54-59.	1.6	17
58	Sex differences in the cardiovascular consequences of the inspiratory muscle metaboreflex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R574-R581.	1.8	46
59	Effects of an acute bout of moderate-intensity exercise on postprandial lipemia and airway inflammation. Applied Physiology, Nutrition and Metabolism, 2016, 41, 284-291.	1.9	21
60	The Effect of Low Volume Interval Training on Resting Blood Pressure in Pre-hypertensive Subjects: A Preliminary Study. Physician and Sportsmedicine, 2016, 44, 177-183.	2.1	8
61	Improved lung function following dietary antioxidant supplementation in exercise-induced asthmatics. Respiratory Physiology and Neurobiology, 2016, 220, 95-101.	1.6	18
62	Sex Differences in Normal Pulmonary Structure and Function at Rest and During Exercise. Respiratory Medicine, 2016, , 1-26.	0.1	0
63	Impact of varying physical activity levels on airway sensitivity and bronchodilation in healthy humans. Applied Physiology, Nutrition and Metabolism, 2015, 40, 1287-1293.	1.9	5
64	Absence of Respiratory Muscle Fatigue in High-Intensity Continuous or Interval Cycling Exercise. Journal of Strength and Conditioning Research, 2015, 29, 3171-3176.	2.1	11
65	Decreased Prevalence of Exercise Expiratory Flow Limitation from Pre- to Postpuberty. Medicine and Science in Sports and Exercise, 2015, 47, 1503-1511.	0.4	15
66	The effects of antioxidant vitamin supplementation on expiratory flow rates at rest and during exercise. European Journal of Applied Physiology, 2015, 115, 2049-2058.	2.5	16
67	Lung volume and expiratory flow rates from pre- to post-puberty. European Journal of Applied Physiology, 2015, 115, 1645-1652.	2.5	22
68	Does menstrual cycle phase affect lung diffusion capacity during exercise?. Respiratory Physiology and Neurobiology, 2015, 205, 99-104.	1.6	24
69	The Effect of N â€acetylcysteine on Peripheral Hemodynamics and Fatigue during Exercise. FASEB Journal, 2015, 29, 994.10.	0.5	0
70	Dysanapsis ratio as a predictor for expiratory flow limitation. Respiratory Physiology and Neurobiology, 2014, 198, 25-31.	1.6	41
71	Influence of exercise intensity on respiratory muscle fatigue and brachial artery blood flow during cycling exercise. European Journal of Applied Physiology, 2014, 114, 1767-1777.	2.5	20