

Goncalo Vilhena de Mendonca

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

762
citations

623734

14
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Combined Aerobic and Resistance Exercise Training in Adults With and Without Down Syndrome. Archives of Physical Medicine and Rehabilitation, 2011, 92, 37-45.	0.9	97
2	Reduced exercise capacity in persons with Down syndrome: cause, effect, and management. Therapeutics and Clinical Risk Management, 2010, 6, 601.	2.0	73
3	Acute effects of exercise under different levels of blood-flow restriction on muscle activation and fatigue. European Journal of Applied Physiology, 2016, 116, 985-995.	2.5	69
4	Reduced Work Capacity in Individuals with Down Syndrome. Exercise and Sport Sciences Reviews, 2013, 41, 138-147.	3.0	64
5	Sex differences in linear and nonlinear heart rate variability during early recovery from supramaximal exercise. Applied Physiology, Nutrition and Metabolism, 2010, 35, 439-446.	1.9	51
6	Heart rate recovery and variability following combined aerobic and resistance exercise training in adults with and without Down syndrome. Research in Developmental Disabilities, 2013, 34, 353-361.	2.2	39
7	Impact of Aging on Endurance and Neuromuscular Physical Performance: The Role of Vascular Senescence. Sports Medicine, 2017, 47, 583-598.	6.5	38
8	Effects of Intermittent Fasting on Specific Exercise Performance Outcomes: A Systematic Review Including Meta-Analysis. Nutrients, 2020, 12, 1390.	4.1	33
9	Tissue Oxygenation in Response to Different Relative Levels of Blood-Flow Restricted Exercise. Frontiers in Physiology, 2019, 10, 407.	2.8	25
10	Metabolic cost of locomotion during treadmill walking with blood flow restriction. Clinical Physiology and Functional Imaging, 2014, 34, 308-316.	1.2	22
11	Blood Flow Restriction Alters Motor Unit Behavior During Resistance Exercise. International Journal of Sports Medicine, 2019, 40, 555-562.	1.7	22
12	Effects of cigarette smoking on cardiac autonomic function during dynamic exercise. Journal of Sports Sciences, 2011, 29, 879-886.	2.0	21
13	Acute Neuromuscular Adaptations in Response to Low-Intensity Blood-Flow Restricted Exercise and High-Intensity Resistance Exercise: Are There Any Differences?. Journal of Strength and Conditioning Research, 2018, 32, 902-910.	2.1	18
14	Cardiac autonomic function during submaximal treadmill exercise in adults with Down syndrome. Research in Developmental Disabilities, 2011, 32, 532-539.	2.2	16
15	Heart Rate Recovery After Exercise in Adults With the Down Syndrome. American Journal of Cardiology, 2010, 105, 1470-1473.	1.6	15
16	Between-day variability of net and gross oxygen uptake during graded treadmill walking: effects of different walking intensities on the reliability of locomotion economy. Applied Physiology, Nutrition and Metabolism, 2008, 33, 1199-1206.	1.9	14
17	Walking economy in male adults with Down syndrome. European Journal of Applied Physiology, 2009, 105, 153-157.	2.5	14
18	Effects of Time-Restricted Feeding on Supramaximal Exercise Performance and Body Composition: A Randomized and Counterbalanced Crossover Study in Healthy Men. International Journal of Environmental Research and Public Health, 2021, 18, 7227.	2.6	12

#	ARTICLE	IF	CITATIONS
19	Contralateral training effects of low-intensity blood-flow restricted and high-intensity unilateral resistance training. <i>European Journal of Applied Physiology</i> , 2021, 121, 2305-2321.	2.5	9
20	Oxygen uptake efficiency slope during exercise in adults with Down syndrome. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2018, 31, 897-904.	2.0	8
21	Running economy in recreational male and female runners with similar levels of cardiovascular fitness. <i>Journal of Applied Physiology</i> , 2020, 129, 508-515.	2.5	8
22	Oxygen uptake kinetics during exercise in adults with Down syndrome. <i>European Journal of Applied Physiology</i> , 2010, 110, 575-583.	2.5	7
23	Chronotropic and pressor effects of water ingestion at rest and in response to incremental dynamic exercise. <i>Experimental Physiology</i> , 2013, 98, 1133-1143.	2.0	7
24	Prediction of energy expenditure during walking in adults with down syndrome. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2018, 31, 151-156.	2.0	7
25	Sex differences in muscle fatigue following isokinetic muscle contractions. <i>Scientific Reports</i> , 2021, 11, 8141.	3.3	7
26	Fractal scaling properties of heart rate dynamics in persons with Down syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 161, 110-115.	2.8	6
27	Cardiovascular responses to water ingestion at rest and during isometric handgrip exercise. <i>European Journal of Applied Physiology</i> , 2012, 112, 2495-2501.	2.5	6
28	Sexual dimorphism in heart rate recovery from peak exercise. <i>European Journal of Applied Physiology</i> , 2017, 117, 1373-1381.	2.5	6
29	Improving the Reliability of V-Wave Responses in the Soleus Muscle. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 97-103.	1.7	6
30	Effects of surgical masks on the responses to constant work-rate cycling performed at different intensity domains. <i>Clinical Physiology and Functional Imaging</i> , 2022, 42, 43-52.	1.2	6
31	The influence of water ingestion on postexercise hypotension and standing haemodynamics. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 447-456.	1.2	5
32	Sex differences in soleus muscle H-reflex and V-wave excitability. <i>Experimental Physiology</i> , 2020, 105, 1928-1938.	2.0	5
33	Nerve conduction during acute blood-flow restriction with and without low-intensity exercise Nerve conduction and blood-flow restriction. <i>Scientific Reports</i> , 2020, 10, 7380.	3.3	5
34	Effects of acute sleep deprivation on H reflex and V wave. <i>Journal of Sleep Research</i> , 2021, 30, e13118.	3.2	5
35	Predictive equations to estimate peak aerobic capacity and peak heart rate in persons with Down syndrome. <i>Journal of Applied Physiology</i> , 2022, 132, 423-433.	2.5	4
36	Sexual Dimorphism in the Estimation of Upper-Limb Blood Flow Restriction in the Seated Position. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2096-2102.	2.1	3

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37	Muscle fatigue in response to low-load blood flow-restricted elbow-flexion exercise: are there any sex differences?. <i>European Journal of Applied Physiology</i> , 2018, 118, 2089-2096.	2.5	3
38	Cardiovascular and autonomic effects of water ingestion during postexercise circulatory occlusion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 1153-1163.	1.9	2
39	Neuromuscular Impact of Acute Hypertrophic Resistance Loading With and Without Blood-Flow Restriction. <i>Journal of Human Kinetics</i> , 0, 82, 27-37.	1.5	2
40	Sexual dimorphism in the osmopressor response following water ingestion. <i>Bioscience Reports</i> , 2016, 36, .	2.4	1
41	Acute Neuromuscular Adaptations In Response To Low-intensity Blood-flow Restricted Exercise And High Intensity Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 52.	0.4	0