

# Goncalo Vilhena de Mendonca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1514894/publications.pdf>

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 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
2	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
3	Effects of acute sleep deprivation on H reflex and V wave. <i>Journal of Sleep Research</i> , 2021, 30, e13118.	3.2	5
4	Sex differences in muscle fatigue following isokinetic muscle contractions. <i>Scientific Reports</i> , 2021, 11, 8141.	3.3	7
5	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
6	Effects of Time-Restricted Feeding on Supramaximal Exercise Performance and Body Composition: A Randomized and Counterbalanced Crossover Study in Healthy Men. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7227.	2.6	12
7	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
8	Sex differences in soleus muscle H-reflex and V-wave excitability. <i>Experimental Physiology</i> , 2020, 105, 1928-1938.	2.0	5
9	Effects of Intermittent Fasting on Specific Exercise Performance Outcomes: A Systematic Review Including Meta-Analysis. <i>Nutrients</i> , 2020, 12, 1390.	4.1	33
10	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
11	Blood Flow Restriction Alters Motor Unit Behavior During Resistance Exercise. <i>International Journal of Sports Medicine</i> , 2019, 40, 555-562.	1.7	22
12	Tissue Oxygenation in Response to Different Relative Levels of Blood-Flow Restricted Exercise. <i>Frontiers in Physiology</i> , 2019, 10, 407.	2.8	25
13	Improving the Reliability of V-Wave Responses in the Soleus Muscle. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 97-103.	1.7	6
14	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
15	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
16	Acute Neuromuscular Adaptations in Response to Low-Intensity Blood-Flow Restricted Exercise and High-Intensity Resistance Exercise: Are There Any Differences?. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 902-910.	2.1	18
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Sexual dimorphism in heart rate recovery from peak exercise. <i>European Journal of Applied Physiology</i> , 2017, 117, 1373-1381.	2.5	6
20	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
21	Impact of Aging on Endurance and Neuromuscular Physical Performance: The Role of Vascular Senescence. <i>Sports Medicine</i> , 2017, 47, 583-598.	6.5	38
22	Sexual dimorphism in the osmopressor response following water ingestion. <i>Bioscience Reports</i> , 2016, 36, .	2.4	1
23	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
24	Acute effects of exercise under different levels of blood-flow restriction on muscle activation and fatigue. <i>European Journal of Applied Physiology</i> , 2016, 116, 985-995.	2.5	69
25	Metabolic cost of locomotion during treadmill walking with blood flow restriction. <i>Clinical Physiology and Functional Imaging</i> , 2014, 34, 308-316.	1.2	22
26	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
27	Heart rate recovery and variability following combined aerobic and resistance exercise training in adults with and without Down syndrome. <i>Research in Developmental Disabilities</i> , 2013, 34, 353-361.	2.2	39
28	Reduced Work Capacity in Individuals with Down Syndrome. <i>Exercise and Sport Sciences Reviews</i> , 2013, 41, 138-147.	3.0	64
29	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
30	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
31	Effects of Combined Aerobic and Resistance Exercise Training in Adults With and Without Down Syndrome. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 37-45.	0.9	97
32	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
33	Cardiac autonomic function during submaximal treadmill exercise in adults with Down syndrome. <i>Research in Developmental Disabilities</i> , 2011, 32, 532-539.	2.2	16
34	Effects of cigarette smoking on cardiac autonomic function during dynamic exercise. <i>Journal of Sports Sciences</i> , 2011, 29, 879-886.	2.0	21
35	Oxygen uptake kinetics during exercise in adults with Down syndrome. <i>European Journal of Applied Physiology</i> , 2010, 110, 575-583.	2.5	7
36	Heart Rate Recovery After Exercise in Adults With the Down Syndrome. <i>American Journal of Cardiology</i> , 2010, 105, 1470-1473.	1.6	15

#	ARTICLE	IF	CITATIONS
37	Reduced exercise capacity in persons with Down syndrome: cause, effect, and management. <i>Therapeutics and Clinical Risk Management</i> , 2010, 6, 601.	2.0	73
38	Sex differences in linear and nonlinear heart rate variability during early recovery from supramaximal exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 439-446.	1.9	51
39	Walking economy in male adults with Down syndrome. <i>European Journal of Applied Physiology</i> , 2009, 105, 153-157.	2.5	14
40	Between-day variability of net and gross oxygen uptake during graded treadmill walking: effects of different walking intensities on the reliability of locomotion economy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 1199-1206.	1.9	14
41	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