Claudio L Lafortuna

List of Publications by Year
in descending order

37	1,082	516215 16	414034 32
papers	citations	h-index	g-index

39	39	39	1721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variation of skeletal muscle ultrasound imaging intensity in horses after treadmill exercise: a proof of concept for glycogen content estimation. BMC Veterinary Research, 2021, 17, 121.	0.7	2
2	A Mobile Phone Intervention to Improve Obesity-Related Health Behaviors of Adolescents Across Europe: Iterative Co-Design and Feasibility Study. JMIR MHealth and UHealth, 2020, 8, e14118.	1.8	39
3	Regular physical activity modulates perceived visual speed when running in treadmill-mediated virtual environments. PLoS ONE, 2019, 14, e0219017.	1.1	10
4	No Evidence That Frontal Optical Flow Affects Perceived Locomotor Speed and Locomotor Biomechanics When Running on a Treadmill. Applied Sciences (Switzerland), 2019, 9, 4589.	1.3	1
5	Influence of the Size of the Field of View on Visual Perception While Running in a Treadmill-Mediated Virtual Environment. Frontiers in Psychology, 2019, 10, 2344.	1.1	9
6	Promoting healthy teenage behaviour across three European countries through the use of a novel smartphone technology platform, PEGASO fit for future: study protocol of a quasi-experimental, controlled, multi-Centre trial. BMC Medical Informatics and Decision Making, 2019, 19, 278.	1.5	14
7	Evaluation of the Tinetti score and fall risk assessment via accelerometry-based movement analysis. Artificial Intelligence in Medicine, 2019, 95, 38-47.	3.8	39
8	Reply-Letter to the Editorâ€“Superiority of new predictive equation for resting energy expenditure. Clinical Nutrition, 2018, 37, 1085-1086.	2.3	0
9	Development and validation of new predictive equation for resting energy expenditure in adults with overweight and obesity. Clinical Nutrition, 2018, 37, 2198-2205.	2.3	13
10	Matching optical flow to motor speed in virtual reality while running on a treadmill. PLoS ONE, 2018, 13, e0195781.	1.1	31
11	Clinical functional behavioural and epigenomic biomarkers of obesity. Frontiers in Bioscience - Landmark, 2017, 22, 1655-1681.	3.0	5
12	Detection and Assessment of Behaviours Associated with the Risk of Obesity in Adolescents. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 253-258.	0.2	6
13	Automatic muscle and fat segmentation in the thigh from T1â€Weighted MRI. Journal of Magnetic Resonance Imaging, 2016, 43, 601-610.	1.9	54
14	Automatic vs. clinical assessment of fall risk in older individuals: A proof of concept. , 2015, 2015, 6935-8.		6
15	Influence of body adiposity on structural characteristics of skeletal muscle in men and women. Clinical Physiology and Functional Imaging, 2014, 34, 47-55.	0.5	31
16	Skeletal Muscle Characteristics and Motor Performance After 2-Year Growth Hormone Treatment in Adults With Prader-Willi Syndrome. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1816-1824.	1.8	37
17	Physiological Bases of Physical Limitations During Exercise. , 2013, , 21-38.		2
18	Prevalence of the Metabolic Syndrome and Its Components among Obese Men and Women in Italy. Obesity Facts, 2012, 5, 127-137.	1.6	15

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19	Commentaries on Viewpoint: Can muscle size fully account for strength differences between children and adults?. Journal of Applied Physiology, 2011, 110, 1750-1753.	1.2	7
20	Relationship Between Basal Metabolic Rate, Gender, Age, and Body Composition in 8,780 White Obese Subjects. Obesity, 2010, 18, 71-78.	1.5	135
21	Prevalence of the metabolic syndrome among extremely obese adolescents in Italy and Germany. Diabetes Research and Clinical Practice, 2010, 88, 14-21.	1.1	33
22	The energetic and cardiovascular response to treadmill walking and cycle ergometer exercise in obese women. European Journal of Applied Physiology, 2008, 103, 707-717.	1.2	89
23	Muscle Strength and Power, Maximum Oxygen Consumption, and Body Composition in Middle-Aged Short-stature Adults with Childhood-onset Growth Harmone Deficiency. Archives of Medical Research, 2008, 39, 78-83.	1.5	6
24	Factor analysis of metabolic syndrome components in obese women. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 233-241.	1.1	23
25	Effect of age, degree and distribution of adiposity on the prevalence of the metabolic syndrome in a cohort of obese Italian women. Diabetes Research and Clinical Practice, 2007, 78, 225-233.	1.1	11
26	Respiratory mechanics in Standardbred horses with sub-clinical inflammatory airway disease and poor athletic performance. Veterinary Journal, 2007, 173, 144-150.	0.6	22
27	Differences in quadriceps muscle strength and fatigue between lean and obese subjects. European Journal of Applied Physiology, 2007, 101, 51-59.	1.2	229
28	The energy cost of cycling in young obese women. European Journal of Applied Physiology, 2006, 97, 16-25.	1.2	51
29	Growth hormone responses to repeated bouts of aerobic exercise with different recovery intervals. Journal of Applied Physiology, 2006, 100, 1093-1094.	1.2	0
30	Body mass reduction markedly improves muscle performance and body composition in obese females aged 61-75 years: comparison between the effects exerted by energy-restricted diet plus moderate aerobic-strength training alone or associated with rGH or nandrolone undecanoate. European Journal of Endocrinology, 2004, 150, 511-515.	1.9	13
31	Locomotor behaviours and respiratory pattern of the Mediterranean fin whale (Balaenoptera) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	20
32	The regulation of respiratory resistance in exercising horses. European Journal of Applied Physiology, 2003, 90, 396-404.	1.2	10
33	Role of poly-(ADP-ribose) synthetase in lipopolysaccharide-induced vascular failure and acute lung injury in pigs. Journal of Critical Care, 2000, 15, 73-83.	1.0	37
34	Laryngeal Movements During the Respiratory Cycle Measured with an Endoscopic Imaging Technique in the Conscious Horse at Rest. , 1999, 84, 739.		2
35	A new instrument for the measurement of rib cage and abdomen circumference variation in respiration at rest and during exercise. European Journal of Applied Physiology and Occupational Physiology, 1995, 71, 259-265.	1.2	15
36	Mechanics of Breathing in Horses at Rest and During Exercise. Journal of Experimental Biology, 1991, 155, 245-259.	0.8	9

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37	Oronasal breathing during exercise. Pflugers Archiv European Journal of Physiology, 1978, 378, 65-69.	1.3	56