

Giampiero Merati

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

575
citations

623734

14
h-index

677142

22
g-index

35
all docs

35
docs citations

35
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Autonomic Modulation and Response to Sub-Maximal Exercise in Chilean Hypertensive Miners. <i>Frontiers in Physiology</i> , 2022, 13, 846891.	2.8	1
2	Changes in Upper-Body Muscular Strength and Power in Paralympic Swimmers: Effects of Training Confinement during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5382.	2.6	4
3	The long-tail effect of the COVID-19 lockdown on Italiansâ€™ quality of life, sleep and physical activity. <i>Scientific Data</i> , 2022, 9, .	5.3	10
4	Relationship between Cognitive Functions and Sport-Specific Physical Performance in Youth Volleyball Players. <i>Brain Sciences</i> , 2021, 11, 227.	2.3	31
5	Occupational Disorders, Daily Workload, and Fitness Levels Among Fitness and Swimming Instructors. <i>Frontiers in Public Health</i> , 2021, 9, 666019.	2.7	1
6	Benefits of a 12-Week physical activity programme on muscle and bone health in people living with HIV. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, .	7.3	1
7	A Mobile Application for Exercise Intervention in People Living with HIV. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 425-433.	0.4	25
8	Complexity Analysis of Surface Electromyography for Assessing the Myoelectric Manifestation of Muscle Fatigue: A Review. <i>Entropy</i> , 2020, 22, 529.	2.2	69
9	Decomposing the complexity of heart-rate variability by the multifractalâ€™multiscale approach to detrended fluctuation analysis: an application to low-level spinal cord injury. <i>Physiological Measurement</i> , 2019, 40, 084003.	2.1	9
10	Cardio-respiratory autonomic responses to nociceptive stimuli in patients with disorders of consciousness. <i>PLoS ONE</i> , 2018, 13, e0201921.	2.5	6
11	A pilot study of brisk walking in sedentary combination antiretroviral treatment (cART)- treated patients: benefit on soluble and cell inflammatory markers. <i>BMC Infectious Diseases</i> , 2017, 17, 61.	2.9	30
12	Wearable Multi-Frequency and Multi-Segment Bioelectrical Impedance Spectroscopy for Unobtrusively Tracking Body Fluid Shifts during Physical Activity in Real-Field Applications: A Preliminary Study. <i>Sensors</i> , 2016, 16, 673.	3.8	23
13	Energy expenditure in obese children: evaluation of a new multisensor device. <i>Sport Sciences for Health</i> , 2015, 11, 305-312.	1.3	2
14	Interpretation and Perception of Two Different Kumite Fighting Intensities through an Integrated Approach Training in International Level Karatekas: An Exploratory Study. <i>Perceptual and Motor Skills</i> , 2015, 121, 333-349.	1.3	5
15	Assessing the convolutedness of multivariate physiological time series. , 2014, 2014, 6024-7.		0
16	Feasibility of Long-Term Monitoring of Multifrequency and Multisegment Body Impedance by Portable Devices. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 1877-1886.	4.2	10
17	Assessing Sample Entropy of physiological signals by the norm component matrix algorithm: Application on muscular signals during isometric contraction. , 2013, 2013, 5053-6.		9
18	Cardiac sounds from a wearable device for sternal seismocardiography. , 2011, 2011, 4283-6.		31

#	ARTICLE	IF	CITATIONS
19	A wearable system for the seismocardiogram assessment in daily life conditions. , 2011, 2011, 4263-6.		37
20	Acute Effects of Static Stretching on Squat Jump Performance at Different Knee Starting Angles. Journal of Strength and Conditioning Research, 2010, 24, 687-694.	2.1	25
21	Tridimensional kinematic analysis on a kayaking simulator: key factors to successful performance. Sport Sciences for Health, 2010, 6, 27-34.	1.3	30
22	Effects of passive stretching on post-activation potentiation and fibre conduction velocity of biceps brachii muscle. Sport Sciences for Health, 2008, 4, 43-50.	1.3	14
23	Cardiac and autonomic adaptations to a wheelchair hockey match in athletes with muscular dystrophy. Sport Sciences for Health, 2008, 4, 59-63.	1.3	1
24	Assessment of the Autonomic Control of Heart Rate Variability in Healthy and Spinal-Cord Injured Subjects: Contribution of Different Complexity-Based Estimators. IEEE Transactions on Biomedical Engineering, 2006, 53, 43-52.	4.2	52
25	Influence of Autonomic Impairment on Blood-Pressure and Heart-Rate Scaling Structures. , 2006, 2006, 1446-9.		0
26	Influence of sympathetic vascular regulation on heart-rate scaling structure: spinal cord lesion as a model of progressively impaired autonomic control. Biomedizinische Technik, 2006, 51, 240-243.	0.8	3
27	Relationship Between Push Phase and Final Race Time in Skeleton Performance. Journal of Strength and Conditioning Research, 2006, 20, 579.	2.1	31
28	Trunk muscular strength in pre-pubertal children with and without back pain. Developmental Neurorehabilitation, 2004, 7, 97-103.	1.1	23
29	Cardio-respiratory adjustments and cost of locomotion in schoolchildren during backpack walking (the Italian Backpack Study). European Journal of Applied Physiology, 2001, 85, 41-48.	2.5	37
30	Effects of trimetazidine on metabolic and functional recovery of postischemic rat hearts. Cardiovascular Drugs and Therapy, 1998, 12, 543-549.	2.6	37
31	Genetics of Renal Damage in Primary Hypertension. American Journal of Kidney Diseases, 1993, 21, 2-9.	1.9	18