

Damiano Formenti

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,072
citations

471061

17
h-index

433756

31
g-index

47
all docs

47
docs citations

47
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermographic imaging in sports and exercise medicine: A Delphi study and consensus statement on the measurement of human skin temperature. <i>Journal of Thermal Biology</i> , 2017, 69, 155-162.	1.1	225
2	Thermal Imaging of Exercise-Associated Skin Temperature Changes in Trained and Untrained Female Subjects. <i>Annals of Biomedical Engineering</i> , 2013, 41, 863-871.	1.3	105
3	Skin temperature evaluation by infrared thermography: Comparison of image analysis methods. <i>Infrared Physics and Technology</i> , 2014, 62, 1-6.	1.3	96
4	Dynamics of thermographic skin temperature response during squat exercise at two different speeds. <i>Journal of Thermal Biology</i> , 2016, 59, 58-63.	1.1	53
5	Mental fatigue impairs physical activity, technical and decision-making performance during small-sided games. <i>PLoS ONE</i> , 2020, 15, e0238461.	1.1	49
6	Circadian and gender differences in skin temperature in militaries by thermography. <i>Infrared Physics and Technology</i> , 2015, 71, 322-328.	1.3	42
7	Agility profile in sub-elite under-11 soccer players: is SAQ training adequate to improve sprint, change of direction speed and reactive agility performance?. <i>Research in Sports Medicine</i> , 2016, 24, 331-340.	0.7	40
8	The Effect of Chronotype on Psychophysiological Responses during Aerobic Self-Paced Exercises. <i>Perceptual and Motor Skills</i> , 2015, 121, 840-855.	0.6	39
9	Skin temperature evaluation by infrared thermography: Comparison of two image analysis methods during the nonsteady state induced by physical exercise. <i>Infrared Physics and Technology</i> , 2017, 81, 32-40.	1.3	33
10	Relationship between Cognitive Functions and Sport-Specific Physical Performance in Youth Volleyball Players. <i>Brain Sciences</i> , 2021, 11, 227.	1.1	31
11	Thermography for skin temperature evaluation during dynamic exercise: a case study on an incremental maximal test in elite male cyclists. <i>Applied Optics</i> , 2016, 55, D126.	2.1	29
12	Perceptual vision training in non-sport-specific context: effect on performance skills and cognition in young females. <i>Scientific Reports</i> , 2019, 9, 18671.	1.6	29
13	Differences in inhibitory control and motor fitness in children practicing open and closed skill sports. <i>Scientific Reports</i> , 2021, 11, 4033.	1.6	28
14	Bilateral asymmetry of skin temperature is not related to bilateral asymmetry of crank torque during an incremental cycling exercise to exhaustion. <i>PeerJ</i> , 2018, 6, e4438.	0.9	27
15	Volleyball-Specific Skills and Cognitive Functions Can Discriminate Players of Different Competitive Levels. <i>Journal of Strength and Conditioning Research</i> , 2020, Publish Ahead of Print, .	1.0	24
16	Effects of knee extension with different speeds of movement on muscle and cerebral oxygenation. <i>PeerJ</i> , 2018, 6, e5704.	0.9	21
17	Acute Effect of Exercise on Cognitive Performance in Middle-Aged Adults: Aerobic Versus Balance. <i>Journal of Physical Activity and Health</i> , 2020, 17, 773-780.	1.0	21
18	Exercise Intensity and Pacing Strategy of Cross-country Skiers during a 10 km Skating Simulated Race. <i>Research in Sports Medicine</i> , 2015, 23, 126-139.	0.7	17

#	ARTICLE	IF	CITATIONS
19	Regions of interest selection and thermal imaging data analysis in sports and exercise science: a narrative review. <i>Physiological Measurement</i> , 2021, 42, 08TR01.	1.2	17
20	Acute effects of kinesio taping on a 6 s maximal cycling sprint performance. <i>Research in Sports Medicine</i> , 2017, 25, 48-57.	0.7	15
21	Short-Term Compound Training on Physical Performance in Young Soccer Players. <i>Sports</i> , 2020, 8, 108.	0.7	15
22	Is the maximum value in the region of interest a reliable indicator of skin temperature?. <i>Infrared Physics and Technology</i> , 2018, 94, 299-304.	1.3	13
23	Change of direction asymmetry across different age categories in youth soccer. <i>PeerJ</i> , 2020, 8, e9486.	0.9	12
24	Effects of Non-Sport-Specific Versus Sport-Specific Training on Physical Performance and Perceptual Response in Young Football Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1962.	1.2	10
25	The long-tail effect of the COVID-19 lockdown on Italians' quality of life, sleep and physical activity. <i>Scientific Data</i> , 2022, 9, .	2.4	10
26	Heart rate response to a marathon cross-country skiing race: a case study. <i>Sport Sciences for Health</i> , 2015, 11, 125-128.	0.4	8
27	Short-Term Delayed Effects of Kinesio Taping on Sprint Cycling Performance. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1232-1236.	1.0	8
28	Agreement Between Dribble and Change of Direction Deficits to Assess Directional Asymmetry in Young Elite Football Players. <i>Symmetry</i> , 2020, 12, 787.	1.1	8
29	The Use of Infrared Thermography in the Study of Sport and Exercise Physiology. <i>Biological and Medical Physics Series</i> , 2017, , 111-136.	0.3	8
30	Effects of Varied Practice Approach in Physical Education Teaching on Inhibitory Control and Reaction Time in Preadolescents. <i>Sustainability</i> , 2022, 14, 6455.	1.6	5
31	Seasonal Changes in Breathing Pattern, Trunk Stabilization, and Muscular Power in Paralympic Swimmers. <i>Adapted Physical Activity Quarterly</i> , 2021, 38, 215-231.	0.6	4
32	Central and Peripheral Thermal Signatures of Brain-Derived Fatigue during Unilateral Resistance Exercise: A Preliminary Study. <i>Biology</i> , 2022, 11, 322.	1.3	4
33	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.	1.2	4
34	Sleep recovery in participants after racing in the Finnmarkslop - Europe's longest dog'sled race. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 103-110.	0.4	3
35	Kinematics and Kinetics of Bulgarian-Bag-Overloaded Sprints in Young Athletes. <i>Life</i> , 2020, 10, 282.	1.1	3
36	The Role of Competition Area and Training Type on Physiological Responses and Perceived Exertion in Female Judo Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3457.	1.2	3

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37	Slow-Speed Resistance Training Increases Skeletal Muscle Contractile Properties and Power Production Capacity in Elite Futsal Players. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 8.	0.9	2
38	Single and combined effect of kinesio tape and warm-up on sprint cycling performance. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 77.	0.7	2
39	Which Strength Training?. , 2020, , 19-33.		2
40	Effects of a nasal breathing protocol on physical fitness and pulmonary function in young basketball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, , .	0.4	2
41	Infrared Thermography: A Possible Role in Psychophysiology of Sport?. <i>Biological and Medical Physics Series</i> , 2017, , 211-234.	0.3	1
42	Facial asymmetry in the resting state reflects anxiety status on young males. <i>Laterality</i> , 2018, 23, 462-478.	0.5	1
43	Circuit Training during Physical Education Classes to Prepare Cadets for Military Academies Tests: Analysis of an Educational Project. <i>Sustainability</i> , 2020, 12, 5126.	1.6	1
44	Editorial: Factors Affecting Performance and Recovery in Team Sports: A Multidimensional Perspective. <i>Frontiers in Physiology</i> , 2022, 13, 877879.	1.3	1
45	Special Issue "Researching Sports Biomechanics for Disabled People". <i>Sports</i> , 2021, 9, 161.	0.7	0