

Stefano Lazzer

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,769
citations

236612

25
h-index

301761

39
g-index

75
all docs

75
docs citations

75
times ranked

2197
citing authors

#	ARTICLE	IF	CITATIONS
1	Running power: lab based <i>vs</i>. portable devices measurements and its relationship with aerobic power. European Journal of Sport Science, 2022, 22, 1555-1568.	1.4	16
2	Physical capacities and leisure activities are related with cognitive functions in older adults. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.4	1
3	Pole Walking Is Faster but Not Cheaper During Steep Uphill Walking. International Journal of Sports Physiology and Performance, 2022, , 1-7.	1.1	3
4	Biological Response of Irisin Induced by Different Types of Exercise in Obese Subjects: A Non-Inferiority Controlled Randomized Study. Biology, 2022, 11, 392.	1.3	4
5	Effects of a 3-Week Inpatient Multidisciplinary Body Weight Reduction Program on Body Composition and Physical Capabilities in Adolescents and Adults With Obesity. Frontiers in Nutrition, 2022, 9, 840018.	1.6	3
6	Predictive factors of responsiveness to a body weight reduction program in Praderâ€™Willi patients at 6Âyears of follow-up. Scientific Reports, 2022, 12, 5182.	1.6	0
7	Use of a Tele-fitness Program for Seniors during the COVID-19 Pandemic: Excerpts of the Usage Analysis of the Movinsi! Project. , 2022, , .		0
8	Dietary Acid Load but Not Mediterranean Diet Adherence Score Is Associated With Metabolic and Cardiovascular Health State: A Population Observational Study From Northern Italy. Frontiers in Nutrition, 2022, 9, 828587.	1.6	14
9	Irisin Attenuates Muscle Impairment during Bed Rest through Muscle-Adipose Tissue Crosstalk. Biology, 2022, 11, 999.	1.3	1
10	Physical fitness reference standards in Italian children. European Journal of Pediatrics, 2021, 180, 1789-1798.	1.3	14
11	Effects of NMES pulse width and intensity on muscle mechanical output and oxygen extraction in able-bodied and paraplegic individuals. European Journal of Applied Physiology, 2021, 121, 1653-1664.	1.2	1
12	Peripheral Alterations Affect the Loss in Force after a Treadmill Downhill Run. International Journal of Environmental Research and Public Health, 2021, 18, 8135.	1.2	1
13	Effectiveness of high-intensity interval training for weight loss in adults with obesity: a randomised controlled non-inferiority trial. BMJ Open Sport and Exercise Medicine, 2021, 7, e001021.	1.4	15
14	Effect of small vs large muscle mass endurance training on maximal oxygen uptake in organ transplanted recipients. Applied Physiology, Nutrition and Metabolism, 2021, 46, 994-1003.	0.9	1
15	Effects of gravitational and iso-inertial resistance trainings using rating of perceived exertion on lower limbs muscle force and power abilities and metabolic cost of walking in healthy older adults. Journal of Sports Medicine and Physical Fitness, 2021, , .	0.4	0
16	Energy cost of walking and body composition changes during a 9-month multidisciplinary weight reduction program and 4-month follow-up in adolescents with obesity. Applied Physiology, Nutrition and Metabolism, 2021, , .	0.9	3
17	A 3-year school-based intervention improved physical fitness and reduced the prevalence of overweight and obesity in Italian prepubertal children. Journal of Sports Medicine and Physical Fitness, 2021, 61, 1682-1689.	0.4	3
18	Energetics and Mechanics of Steep Treadmill Versus Overground Pole Walking: A Pilot Study. International Journal of Sports Physiology and Performance, 2021, , 1-4.	1.1	3

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19	Changes in Skeletal Muscle Oxidative Capacity After a Trail-Running Race. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 278-284.	1.1	8
20	A new field test to estimate the aerobic and anaerobic thresholds and maximum parameters. <i>European Journal of Sport Science</i> , 2020, 20, 437-443.	1.4	10
21	Effects of 3-month high-intensity interval training vs. moderate endurance training and 4-month follow-up on fat metabolism, cardiorespiratory function and mitochondrial respiration in obese adults. <i>European Journal of Applied Physiology</i> , 2020, 120, 1787-1803.	1.2	17
22	A 3-Week Multidisciplinary Body Weight Reduction Program Improves Body Composition and Lower Limb Power Output in 3,778 Severely Obese Children and Adolescents. <i>Frontiers in Physiology</i> , 2020, 11, 548.	1.3	11
23	Relationship between body mass index and physical fitness in Italian prepubertal schoolchildren. <i>PLoS ONE</i> , 2020, 15, e0233362.	1.1	25
24	Large Vs Small Skeletal Muscle Mass Training: A Study On Solid Organ Transplanted Recipients. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1101-1101.	0.2	0
25	Neuromuscular Electrical Stimulation At Long Pulse Duration Is Associated With Higher Muscle Oxygen Utilization. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 933-933.	0.2	0
26	Muscle damage and inflammatory status biomarkers after a 3-stage trail running race. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1486-1492.	0.4	4
27	Metabolic and muscular factors limiting aerobic exercise in obese subjects. <i>European Journal of Applied Physiology</i> , 2019, 119, 1779-1788.	1.2	1
28	Do poles save energy during steep uphill walking?. <i>European Journal of Applied Physiology</i> , 2019, 119, 1557-1563.	1.2	11
29	Tensiomyography detects early hallmarks of bed-rest-induced atrophy before changes in muscle architecture. <i>Journal of Applied Physiology</i> , 2019, 126, 815-822.	1.2	48
30	PlanHab [*] : hypoxia does not worsen the impairment of skeletal muscle oxidative function induced by bed rest alone. <i>Journal of Physiology</i> , 2018, 596, 3341-3355.	1.3	36
31	Loss of maximal explosive power of lower limbs after 2 weeks of disuse and incomplete recovery after retraining in older adults. <i>Journal of Physiology</i> , 2018, 596, 647-665.	1.3	43
32	Changes in cardiac and muscle biomarkers following an uphill-only marathon. <i>Research in Sports Medicine</i> , 2018, 26, 100-111.	0.7	18
33	Effects of hydrogen rich water on prolonged intermittent exercise. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 612-621.	0.4	25
34	Short-Term Effects of Rolling Massage on Energy Cost of Running and Power of the Lower Limbs. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1337-1343.	1.1	17
35	Effects of 14 days of bed rest and following physical training on metabolic cost, mechanical work, and efficiency during walking in older and young healthy males. <i>PLoS ONE</i> , 2018, 13, e0194291.	1.1	13
36	BENEFITS OF AEROBIC EXERCISE TRAINING WITH RECOMMENDATIONS FOR HEALTHY AGING. <i>Annales Kinesiologiae</i> , 2018, 8, 111-124.	0.0	0

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37	Effects of strength, explosive and plyometric training on energy cost of running in ultra-endurance athletes. <i>European Journal of Sport Science</i> , 2017, 17, 805-813.	1.4	37
38	Changes in Running Mechanics During a 6-Hour Running Race. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 642-647.	1.1	18
39	Anabolic resistance assessed by oral stable isotope ingestion following bed rest in young and older adult volunteers: Relationships with changes in muscle mass. <i>Clinical Nutrition</i> , 2017, 36, 1420-1426.	2.3	31
40	Effects of high-intensity interval training on physical capacities and substrate oxidation rate in obese adolescents. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 217-226.	1.8	41
41	Reliability of heart rate mobile apps in young healthy adults: exploratory study and research directions. <i>Journal of Innovation in Health Informatics</i> , 2017, 24, 224.	0.9	11
42	Computerized cognitive training and brain derived neurotrophic factor during bed rest: mechanisms to protect individual during acute stress. <i>Aging</i> , 2017, 9, 393-407.	1.4	11
43	Greater loss in muscle mass and function but smaller metabolic alterations in older compared with younger men following 2 wk of bed rest and recovery. <i>Journal of Applied Physiology</i> , 2016, 120, 922-929.	1.2	114
44	Effects of an Uphill Marathon on Running Mechanics and Lower-Limb Muscle Fatigue. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 522-529.	1.1	45
45	Deleterious effects of obesity on physical fitness in pre-pubertal children. <i>European Journal of Sport Science</i> , 2016, 16, 271-278.	1.4	45
46	Effects of the Etna Uphill Ultramarathon on Energy Cost and Mechanics of Running. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 238-247.	1.1	34
47	A 35-day bed rest does not alter the bilateral deficit of the lower limbs during explosive efforts. <i>European Journal of Applied Physiology</i> , 2015, 115, 1323-1330.	1.2	6
48	Maximal explosive power of the lower limbs before and after 35 days of bed rest under different diet energy intake. <i>European Journal of Applied Physiology</i> , 2015, 115, 429-436.	1.2	14
49	Factors affecting energy cost of running during an ultra-endurance race. <i>Journal of Experimental Biology</i> , 2014, 217, 787-95.	0.8	28
50	Energetics of Shuttle Runs: The Effects of Distance and Change of Direction. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 1033-1039.	1.1	46
51	Skeletal muscle oxygen uptake in obese patients: functional evaluation by knee-extension exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 2125-2132.	1.2	7
52	Skeletal muscle oxidative function in vivo and ex vivo in athletes with marked hypertrophy from resistance training. <i>Journal of Applied Physiology</i> , 2013, 114, 1527-1535.	1.2	56
53	Energetics and mechanics of running men: the influence of body mass. <i>European Journal of Applied Physiology</i> , 2012, 112, 4027-4033.	1.2	21
54	The energetics of ultra-endurance running. <i>European Journal of Applied Physiology</i> , 2012, 112, 1709-1715.	1.2	40

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55	Functional impairment of skeletal muscle oxidative metabolism during knee extension exercise after bed rest. <i>Journal of Applied Physiology</i> , 2011, 111, 1719-1726.	1.2	35
56	Does Extreme Muscle Hypertrophy Determine an Impairment of Skeletal Muscle Oxidative Metabolism?. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 72.	0.2	1
57	The energetics of cycling on Earth, Moon and Mars. <i>European Journal of Applied Physiology</i> , 2011, 111, 357-366.	1.2	7
58	Energetics of Best Performances in Elite Kayakers and Canoeists. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 877-884.	0.2	21
59	Impairment of Skeletal Muscle Oxidative Metabolism During Knee-Extension Exercise after Bed Rest. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 513.	0.2	10
60	Bilateral deficit and EMG activity during explosive lower limb contractions against different overloads. <i>European Journal of Applied Physiology</i> , 2010, 108, 157-165.	1.2	51
61	Fat oxidation rate during and after a low- or high-intensity exercise in severely obese Caucasian adolescents. <i>European Journal of Applied Physiology</i> , 2010, 108, 383-391.	1.2	25
62	Gas exchange kinetics in obese adolescents. Inferences on exercise tolerance and prescription. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1298-R1305.	0.9	51
63	Human Powered Centrifuges on the Moon or Mars. <i>Microgravity Science and Technology</i> , 2009, 21, 209-215.	0.7	5
64	Maximal explosive muscle power in obese and non-obese prepubertal children. <i>Clinical Physiology and Functional Imaging</i> , 2009, 29, 224-228.	0.5	18
65	The energetic and cardiovascular response to treadmill walking and cycle ergometer exercise in obese women. <i>European Journal of Applied Physiology</i> , 2008, 103, 707-717.	1.2	89
66	Comparison of dual-energy X-ray absorptiometry, air displacement plethysmography and bioelectrical impedance analysis for the assessment of body composition in severely obese Caucasian children and adolescents. <i>British Journal of Nutrition</i> , 2008, 100, 918-924.	1.2	81
67	Prevalence of the metabolic syndrome in Caucasian obese children and adolescents: Comparison between three different definition criteria. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, 341-342.	1.1	15
68	Optimizing fat oxidation through exercise in severely obese Caucasian adolescents. <i>Clinical Endocrinology</i> , 2007, 67, 070621212019005-???	1.2	35
69	Development and cross-validation of prediction equations for estimating resting energy expenditure in severely obese Caucasian children and adolescents. <i>British Journal of Nutrition</i> , 2006, 96, 973-979.	1.2	39
70	Glucose Pulse: A simple method to estimate the amount of glucose oxidized during exercise in type 1 diabetic patients. <i>Diabetes Care</i> , 2005, 28, 2028-2030.	4.3	16
71	A Weight Reduction Program Preserves Fat-Free Mass but Not Metabolic Rate in Obese Adolescents. <i>Obesity</i> , 2004, 12, 233-240.	4.0	69
72	Evaluation of two foot-to-foot bioelectrical impedance analysers to assess body composition in overweight and obese adolescents. <i>British Journal of Nutrition</i> , 2003, 90, 987-992.	1.2	90

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73	Assessment of energy expenditure associated with physical activities in free-living obese and nonobese adolescents. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 471-479.	2.2	83
74	Peak power in obese and nonobese adolescents: effects of gender and braking force. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 2072-2078.	0.2	45