

Maria Chiara Gallotta

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

912
citations

18
h-index

27
g-index

76
ext. papers

1,068
ext. citations

2.9
avg, IF

3.81
L-index

#	Paper	IF	Citations
59	Accuracy, reliability, linearity of Accutrend and Lactate Pro versus EBIO plus analyzer. <i>European Journal of Applied Physiology</i> , 2009 , 107, 105-11	3.4	112
58	Intra- and interday reliability of spine rasterstereography. <i>BioMed Research International</i> , 2013 , 2013, 745480	3	48
57	Could sport specialization influence fitness and health of adults with mental retardation?. <i>Research in Developmental Disabilities</i> , 2010 , 31, 1070-5	2.7	44
56	Validity, reliability and minimum detectable change of COSMED K5 portable gas exchange system in breath-by-breath mode. <i>PLoS ONE</i> , 2018 , 13, e0209925	3.7	44
55	Acute physical activity and delayed attention in primary school students. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e331-8	4.6	38
54	Effects of varying type of exertion on children's attention capacity. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 550-5	1.2	37
53	Salivary steroids at rest and after a training load in young male athletes: relationship with chronological age and pubertal development. <i>International Journal of Sports Medicine</i> , 2006 , 27, 709-17	3.6	37
52	Impacts of coordinative training on normal weight and overweight/obese children's attentional performance. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 577	3.3	30
51	Cortisol, dehydroepiandrosterone sulphate and dehydroepiandrosterone sulphate/cortisol ratio responses to physical stress in males are influenced by pubertal development. <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 796-804	5.2	30
50	The type 5 phosphodiesterase inhibitor tadalafil influences salivary cortisol, testosterone, and dehydroepiandrosterone sulphate responses to maximal exercise in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3510-4	5.6	29
49	Linking coordinative and fitness training in physical education settings. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009 , 19, 412-8	4.6	28
48	The long-acting phosphodiesterase inhibitor tadalafil does not influence athletes' VO ₂ max, aerobic, and anaerobic thresholds in normoxia. <i>International Journal of Sports Medicine</i> , 2008 , 29, 110-5	3.6	28
47	Effects of Aerobic Exercise Based upon Heart Rate at Aerobic Threshold in Obese Elderly Subjects with Type 2 Diabetes. <i>International Journal of Endocrinology</i> , 2015 , 2015, 695297	2.7	26
46	Energy cost and energy sources of a ballet dance exercise in female adolescents with different technical ability. <i>European Journal of Applied Physiology</i> , 2008 , 103, 315-21	3.4	25
45	Effect of warm up on energy cost and energy sources of a ballet dance exercise. <i>European Journal of Applied Physiology</i> , 2007 , 99, 275-81	3.4	24
44	Is explosive performance influenced by androgen concentrations in young male soccer players?. <i>British Journal of Sports Medicine</i> , 2009 , 43, 191-4	10.3	21
43	Effects of two physical education programmes on health- and skill-related physical fitness of Albanian children. <i>Journal of Sports Sciences</i> , 2016 , 34, 35-46	3.6	18

42	Effects of combined physical education and nutritional programs on schoolchildren's healthy habits. <i>PeerJ</i> , 2016 , 4, e1880	3.1	18
41	Differences in Ventilatory Threshold for Exercise Prescription in Outpatient Diabetic and Sarcopenic Obese Subjects. <i>International Journal of Endocrinology</i> , 2016 , 2016, 6739150	2.7	18
40	Assessing basketball ability in players with mental retardation. <i>British Journal of Sports Medicine</i> , 2009 , 43, 208-12	10.3	16
39	Effects of different physical education programmes on children's skill- and health-related outcomes: a pilot randomised controlled trial. <i>Journal of Sports Sciences</i> , 2017 , 35, 1547-1555	3.6	15
38	Effect of tadalafil on anaerobic performance indices in healthy athletes. <i>British Journal of Sports Medicine</i> , 2008 , 42, 130-3	10.3	15
37	Exercise intensities during a ballet lesson in female adolescents with different technical ability. <i>International Journal of Sports Medicine</i> , 2007 , 28, 736-42	3.6	15
36	The phosphodiesterases type 5 inhibitor tadalafil reduces the activation of the hypothalamus-pituitary-adrenal axis in men during cycle ergometric exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E972-8	6	14
35	The dynamic motor imagery of locomotion is task-dependent in patients with stroke. <i>Restorative Neurology and Neuroscience</i> , 2016 , 34, 247-56	2.8	14
34	Different performances in static and dynamic imagery and real locomotion. An exploratory trial. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 760	3.3	13
33	Selected factors correlated to athletic performance in adults with mental retardation. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1059-64	3.2	13
32	Preexercise static stretching effect on leaping performance in elite rhythmic gymnasts. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1995-2000	3.2	13
31	Physical exercise intensity prescription to improve health and fitness in overweight and obese subjects: A review of the literature. <i>Health</i> , 2013 , 05, 113-121	0.4	12
30	Effects of an individualized home-based unsupervised aerobic training on body composition and physiological parameters in obese adults are independent of gender. <i>Journal of Endocrinological Investigation</i> , 2018 , 41, 465-473	5.2	12
29	Prediction equation to estimate heart rate at individual ventilatory threshold in female and male obese adults. <i>PLoS ONE</i> , 2018 , 13, e0197255	3.7	11
28	Dynamic motor imagery mentally simulates uncommon real locomotion better than static motor imagery both in young adults and elderly. <i>PLoS ONE</i> , 2019 , 14, e0218378	3.7	11
27	Whole body vibration: unsupervised training or combined with a supervised multi-purpose exercise for fitness?. <i>Journal of Sports Sciences</i> , 2014 , 32, 1033-41	3.6	10
26	Recurrence quantification analysis of heart rate variability during continuous incremental exercise test in obese subjects. <i>Chaos</i> , 2020 , 30, 033135	3.3	6
25	Exercise intensity and gender difference of 3 different salsa dancing conditions. <i>International Journal of Sports Medicine</i> , 2013 , 34, 330-5	3.6	6

24	Precompetition warm-up in elite and subelite rhythmic gymnastics. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1877-82	3.2	6
23	Postural control after a prolonged treadmill run at individual ventilatory and anaerobic threshold. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 515-9	2.7	6
22	Gender differences in anthropometric parameters and technical performance of youth soccer players. <i>Sport Sciences for Health</i> , 2018 , 14, 399-405	1.3	5
21	Psychophysiological responses to Salsa dance. <i>PLoS ONE</i> , 2015 , 10, e0121465	3.7	5
20	Recurrence quantification analysis of heart rate variability to detect both ventilatory thresholds. <i>PLoS ONE</i> , 2021 , 16, e0249504	3.7	5
19	Motor proficiency and physical activity in preschool girls: a preliminary study. <i>Early Child Development and Care</i> , 2018 , 188, 1381-1391	0.9	4
18	PSYCHOPHYSICAL BENEFITS OF ROCK-CLIMBING ACTIVITY. <i>Perceptual and Motor Skills</i> , 2015 , 121, 675-892		4
17	Using basketball test battery to monitor players with mental retardation across 2 sports seasons. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2345-50	3.2	4
16	Does living setting influence training adaptations in young girls?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011 , 21, 324-9	4.6	3
15	Contributions of selected fundamental factors to basketball performance in adult players with mental retardation. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2166-71	3.2	3
14	Acute effects of two different tennis sessions on dorsal and lumbar spine of adult players. <i>Journal of Sports Sciences</i> , 2015 , 33, 1173-81	3.6	2
13	Response to: Comment on "Differences in Ventilatory Threshold for Exercise Prescription in Outpatient Diabetic and Sarcopenic Obese Subjects". <i>International Journal of Endocrinology</i> , 2017 , 2017, 7026597	2.7	2
12	RELATIONSHIP BETWEEN OPTIMAL LACTATE REMOVAL POWER OUTPUT AND OLYMPIC TRIATHLON PERFORMANCE. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1160-1165	3.2	2
11	Could Overweight and Obese Children Improve Their Motor Performance With A Qualitative Physical Activity Approach?. <i>Indian Journal of Applied Research</i> , 2011 , 4, 610-615	0	2
10	Effects of Open (Racket) and Closed (Running) Skill Sports Practice on Children's Attentional Performance. <i>The Open Sports Sciences Journal</i> , 2020 , 13, 105-113	0.5	2
9	Interrelationship Between Age, Gender, and Weight Status on Motor Coordination in Italian Children and Early Adolescents Aged 6-13 Years Old. <i>Frontiers in Pediatrics</i> , 2021 , 9, 738294	3.4	2
8	Basketball ability testing and category for players with mental retardation: 8-month training effect. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1524-31	3.2	1
7	Initial validation of the Italian version of the Volition in Exercise Questionnaire (VEQ-I). <i>PLoS ONE</i> , 2021 , 16, e0249667	3.7	1

6	Efficacy of Denosumab Therapy Following Treatment with Bisphosphonates in Women with Osteoporosis: A Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
5	Response to: Comment #2 on "Differences in Ventilatory Threshold for Exercise Prescription in Outpatient Diabetic and Sarcopenic Obese Subjects". <i>International Journal of Endocrinology</i> , 2018 , 2018, 3093208	2.7	1
4	Influence of Geographical Area and Living Setting on Children's Weight Status, Motor Coordination, and Physical Activity.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 794284	3.4	0
3	Gross Motor Coordination: We Have a Problem! A Study With the K�perkoordinations Test f�r Kinder in Youth (6-13 Years).. <i>Frontiers in Pediatrics</i> , 2021 , 9, 785990	3.4	0
2	Effects of Tennis Expertise and Type of Training Session on Dorsal and Lumbar Spine. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 490-491	1.2	
1	Energy Cost and Energy Sources of an Elite Female Soccer Player to Repeated Sprint Ability Test: A Case Study. <i>The Open Sports Sciences Journal</i> , 2019 , 12, 10-16	0.5	