

Maria Chiara Gallotta

List of Publications by Year in descending order

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74
papers

1,248
citations

361296

20
h-index

414303

32
g-index

76
all docs

76
docs citations

76
times ranked

1620
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy, reliability, linearity of Accutrend and Lactate Pro versus EBIO plus analyzer. <i>European Journal of Applied Physiology</i> , 2009, 107, 105-111.	1.2	124
2	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.	1.1	75
3	Intra- and Interday Reliability of Spine Rasterstereography. <i>BioMed Research International</i> , 2013, 2013, 1-5.	0.9	58
4	Effects of Varying Type of Exertion on Children's Attention Capacity. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 550-555.	0.2	55
5	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, 709-717.	0.8	53
6	Acute physical activity and delayed attention in primary school students. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e331-8.	1.3	50
7	Could sport specialization influence fitness and health of adults with mental retardation?. <i>Research in Developmental Disabilities</i> , 2010, 31, 1070-1075.	1.2	49
8	Impacts of coordinative training on normal weight and overweight/obese children's attentional performance. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 577.	1.0	37
9	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.	1.8	35
10	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, 3510-3514.	1.8	35
11	Linking coordinative and fitness training in physical education settings. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 412-418.	1.3	34
12	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, 1-7.	0.6	33
13	The Long-Acting Phosphodiesterase Inhibitor Tadalafil does not Influence Athletes' $\dot{V}O_{2max}$, Aerobic, and Anaerobic Thresholds in Normoxia. <i>International Journal of Sports Medicine</i> , 2008, 29, 110-115.	0.8	32
14	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, 315-321.	1.2	31
15	Effect of warm up on energy cost and energy sources of a ballet dance exercise. <i>European Journal of Applied Physiology</i> , 2007, 99, 275-281.	1.2	30
16	Is explosive performance influenced by androgen concentrations in young male soccer players?. <i>British Journal of Sports Medicine</i> , 2009, 43, 191-194.	3.1	26
17	Assessing basketball ability in players with mental retardation. <i>British Journal of Sports Medicine</i> , 2009, 43, 208-212.	3.1	24
18	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.	1.0	24

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19	Exercise Intensities during a Ballet Lesson in Female Adolescents with Different Technical Ability. <i>International Journal of Sports Medicine</i> , 2007, 28, 736-742.	0.8	22
20	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.	1.0	22
21	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.	0.9	22
22	Effects of combined physical education and nutritional programs on schoolchildren's healthy habits. <i>PeerJ</i> , 2016, 4, e1880.	0.9	22
23	Preexercise Static Stretching Effect on Leaping Performance in Elite Rhythmic Gymnasts. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1995-2000.	1.0	20
24	Differences in Ventilatory Threshold for Exercise Prescription in Outpatient Diabetic and Sarcopenic Obese Subjects. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-6.	0.6	19
25	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.	1.8	19
26	Effect of tadalafil on anaerobic performance indices in healthy athletes. <i>British Journal of Sports Medicine</i> , 2007, 42, 130-133.	3.1	18
27	Different performances in static and dynamic imagery and real locomotion. An exploratory trial. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 760.	1.0	18
28	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.	0.1	18
29	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-E978.	1.8	17
30	Psychophysical Benefits of Rock-Climbing Activity. <i>Perceptual and Motor Skills</i> , 2015, 121, 675-689.	0.6	17
31	Recurrence quantification analysis of heart rate variability during continuous incremental exercise test in obese subjects. <i>Chaos</i> , 2020, 30, 033135.	1.0	17
32	Selected Factors Correlated to Athletic Performance in Adults With Mental Retardation. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1059-1064.	1.0	14
33	The dynamic motor imagery of locomotion is task-dependent in patients with stroke. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 247-256.	0.4	14
34	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.	1.1	13
35	Recurrence quantification analysis of heart rate variability to detect both ventilatory thresholds. <i>PLoS ONE</i> , 2021, 16, e0249504.	1.1	13
36	Whole body vibration: unsupervised training or combined with a supervised multi-purpose exercise for fitness?. <i>Journal of Sports Sciences</i> , 2014, 32, 1033-1041.	1.0	12

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37	Prediction equation to estimate heart rate at individual ventilatory threshold in female and male obese adults. PLoS ONE, 2018, 13, e0197255.	1.1	12
38	Contributions of Selected Fundamental Factors to Basketball Performance in Adult Players with Mental Retardation. Journal of Strength and Conditioning Research, 2010, 24, 2166-2171.	1.0	11
39	Exercise Intensity and Gender Difference of 3 Different Salsa Dancing Conditions. International Journal of Sports Medicine, 2013, 34, 330-335.	0.8	11
40	Precompetition Warm-up in Elite and Subelite Rhythmic Gymnastics. Journal of Strength and Conditioning Research, 2009, 23, 1877-1882.	1.0	10
41	Gender differences in anthropometric parameters and technical performance of youth soccer players. Sport Sciences for Health, 2018, 14, 399-405.	0.4	10
42	Influence of Geographical Area and Living Setting on Children's Weight Status, Motor Coordination, and Physical Activity. Frontiers in Pediatrics, 2021, 9, 794284.	0.9	8
43	Using Basketball Test Battery to Monitor Players with Mental Retardation Across 2 Sports Seasons. Journal of Strength and Conditioning Research, 2009, 23, 2345-2350.	1.0	7
44	Psychophysiological Responses to Salsa Dance. PLoS ONE, 2015, 10, e0121465.	1.1	7
45	Motor proficiency and physical activity in preschool girls: a preliminary study. Early Child Development and Care, 2018, 188, 1381-1391.	0.7	7
46	Gross Motor Coordination: We Have a Problem! A Study With the Körperkoordinations Test für Kinder in Youth (6-13 Years). Frontiers in Pediatrics, 2021, 9, 785990.	0.9	7
47	Postural control after a prolonged treadmill run at individual ventilatory and anaerobic threshold. Journal of Sports Science and Medicine, 2011, 10, 515-9.	0.7	6
48	Response to: Comment #2 on "Differences in Ventilatory Threshold for Exercise Prescription in Outpatient Diabetic and Sarcopenic Obese Subjects". International Journal of Endocrinology, 2018, 2018, 1-2.	0.6	4
49	Effects of Open (Racket) and Closed (Running) Skill Sports Practice on Children's Attentional Performance. The Open Sports Sciences Journal, 2020, 13, 105-113.	0.2	4
50	RELATIONSHIP BETWEEN OPTIMAL LACTATE REMOVAL POWER OUTPUT AND OLYMPIC TRIATHLON PERFORMANCE. Journal of Strength and Conditioning Research, 2007, 21, 1160-1165.	1.0	3
51	Does living setting influence training adaptations in young girls?. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 324-329.	1.3	3
52	Basketball Ability Testing and Category for Players with Mental Retardation. Journal of Strength and Conditioning Research, 2012, 26, 1524-1531.	1.0	3
53	Acute effects of two different tennis sessions on dorsal and lumbar spine of adult players. Journal of Sports Sciences, 2015, 33, 1173-1181.	1.0	3
54	Response to: Comment on "Differences in Ventilatory Threshold for Exercise Prescription in Outpatient Diabetic and Sarcopenic Obese Subjects". International Journal of Endocrinology, 2017, 2017, 1-2.	0.6	2

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55	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, 1728.	1.2	2
56	Initial validation of the Italian version of the Volition in Exercise Questionnaire (VEQ-I). <i>PLoS ONE</i> , 2021, 16, e0249667.	1.1	2
57	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.	0.0	2
58	Physical Education on the Beach: An Alternative Way to Improve Primary School Children's Skill- and Health-Related Outcomes during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3680.	1.2	2
59	Physiological, Perceptual, and Affective Responses during Three Different Salsa Dancing Conditions. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 560-561.	0.2	0
60	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.	0.2	0
61	Could muscle Damage Affect Postural Control After Treadmill Running at Individual Aerobic and Anaerobic Threshold?. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 490.	0.2	0
62	Comparison Among Calisthenic Exercise, Whole Body Vibration Protocols And Their Combination. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 316.	0.2	0
63	Weight Status and Eating Habits in Children. Effects of two Physical Activity Interventions.. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 229.	0.2	0
64	Inclusive Basketball Training For Players With Intellectual Disability. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 540.	0.2	0
65	Effects Of Aerobic Exercise Based Upon Gas Exchange Aerobic Threshold In Obese Sarcopenic Subjects.. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 559.	0.2	0
66	Physical Demands Of A Single Ballet Exercise In Adolescent Female Dancers. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S76.	0.2	0
67	Linking Coordinative and Fitness Training in the Educational Context. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S216.	0.2	0
68	Exercise Training Attenuates Cardiac Dysfunction after Myocardial Infarction in a Menopause Model. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S17-S18.	0.2	0
69	Is Explosive Performance Influenced by Androgen Levels in Young Male Soccer Players?. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S402.	0.2	0
70	Setting Influences in Young Girls on Fitness and Coordinative Abilities Following Modern Dance Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S419.	0.2	0
71	Return To Baseline Of Postural Control After Treadmill Run At Individual Anaerobic Threshold. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 220.	0.2	0
72	Heart Rate and Estimate Energy Expenditure During Three Different Salsa Dancing Conditions. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 272.	0.2	0

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73	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.	0.2	0
74	Oxygen uptake efficiency slope in healthy normal weight young males: an applicable framework for calculation and interpretation. <i>PeerJ</i> , 0, 10, e13709.	0.9	0