

Marco Cardinale

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3725692/publications.pdf>

Version: 2024-02-01

97
papers

5,389
citations

172457

29
h-index

85541

71
g-index

103
all docs

103
docs citations

103
times ranked

4179
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Vibration as an Exercise Intervention. <i>Exercise and Sport Sciences Reviews</i> , 2003, 31, 3-7.	3.0	613
2	Monitoring Athlete Training Loads: Consensus Statement. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-161-S2-170.	2.3	577
3	Reliability and Factorial Validity of Squat and Countermovement Jump Tests. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 551.	2.1	462
4	Hormonal responses to whole-body vibration in men. <i>European Journal of Applied Physiology</i> , 2000, 81, 449-454.	2.5	390
5	Adaptive responses of human skeletal muscle to vibration exposure. <i>Clinical Physiology</i> , 1999, 19, 183-187.	0.7	374
6	Whole body vibration exercise: are vibrations good for you? * Commentary. <i>British Journal of Sports Medicine</i> , 2005, 39, 585-589.	6.7	323
7	Influence of vibration on mechanical power and electromyogram activity in human arm flexor muscles. <i>European Journal of Applied Physiology</i> , 1999, 79, 306-311.	2.5	305
8	Electromyography Activity of Vastus Lateralis Muscle During Whole-Body Vibrations of Different Frequencies. <i>Journal of Strength and Conditioning Research</i> , 2003, 17, 621.	2.1	266
9	Two Emerging Concepts for Elite Athletes. <i>Sports Medicine</i> , 2011, 41, 103-123.	6.5	142
10	Wearable Training-Monitoring Technology: Applications, Challenges, and Opportunities. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-55-S2-62.	2.3	110
11	Vibration exercise makes your muscles and bones stronger: fact or fiction?. <i>The Journal of the British Menopause Society</i> , 2006, 12, 12-18.	1.3	107
12	The effects of whole body vibration on humans: Dangerous or advantageous?. <i>Acta Physiologica Hungarica</i> , 2003, 90, 195-206.	0.9	97
13	Hormonal responses to a single session of wholebody vibration exercise in older individuals. <i>British Journal of Sports Medicine</i> , 2010, 44, 284-288.	6.7	82
14	The Effects of a 28-Hz Vibration on Arm Muscle Activity during Isometric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 645-653.	0.4	80
15	Is Testosterone Influencing Explosive Performance?. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 103.	2.1	74
16	Neuromuscular and hormonal responses to a single session of whole body vibration exercise in healthy young men. <i>Clinical Physiology and Functional Imaging</i> , 2007, 27, 242-248.	1.2	68
17	Reliability and Factorial Validity of Squat and Countermovement Jump Tests. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 551-555.	2.1	63
18	Relationship of maximum strength to weightlifting performance. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1037-43.	0.4	60

#	ARTICLE	IF	CITATIONS
19	Career Performance Trajectories in Track and Field Jumping Events from Youth to Senior Success: The Importance of Learning and Development. <i>PLoS ONE</i> , 2017, 12, e0170744.	2.5	53
20	Asymmetry of Quadriceps Muscle Oxygenation during Elite Short-Track Speed Skating. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 501-508.	0.4	48
21	Gastrocnemius Medialis and Vastus Lateralis Oxygenation during Whole-Body Vibration Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 694-700.	0.4	45
22	Skeletal maturation and growth rates are related to bone and growth plate injuries in adolescent athletics. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 894-903.	2.9	44
23	From Protecting the Heart to Improving Athletic Performance – the Benefits of Local and Remote Ischaemic Preconditioning. <i>Cardiovascular Drugs and Therapy</i> , 2015, 29, 573-588.	2.6	41
24	Hydration and cooling in elite athletes: relationship with performance, body mass loss and body temperatures during the Doha 2019 IAAF World Athletics Championships. <i>British Journal of Sports Medicine</i> , 2021, 55, 1335-1341.	6.7	39
25	Characterization of acute ischemia-related physiological responses associated with remote ischemic preconditioning: a randomized controlled, crossover human study. <i>Physiological Reports</i> , 2014, 2, e12200.	1.7	38
26	Activity Profiles and Positional Differences of Handball Players During the World Championships in Qatar 2015. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 908-915.	2.3	37
27	The acute effects of different whole body vibration amplitudes on the endocrine system of young healthy men: a preliminary study. <i>Clinical Physiology and Functional Imaging</i> , 2006, 26, 380-384.	1.2	35
28	Elite national athletes reach their peak performance later than non-elite in sprints and throwing events. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 342-347.	1.3	34
29	Acute Citrulline-Malate Supplementation and High-Intensity Cycling Performance. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2638-2647.	2.1	31
30	Growth Hormone-Releasing Effects of Whole Body Vibration Alone or Combined with Squatting plus External Load in Severely Obese Female Subjects. <i>Obesity Facts</i> , 2012, 5, 567-574.	3.4	28
31	Performance progression of elite jumpers: Early performances do not predict later success. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 132-139.	2.9	27
32	World-Class Sprinters™ Careers: Early Success Does Not Guarantee Success at Adult Age. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 367-374.	2.3	26
33	Cold applications for recovery in adolescent athletes: a systematic review and meta analysis. <i>Extreme Physiology and Medicine</i> , 2015, 4, 17.	2.5	25
34	Combination of External Load and Whole Body Vibration Potentiates the GH-releasing Effect of Squatting in Healthy Females. <i>Hormone and Metabolic Research</i> , 2013, 45, 611-616.	1.5	24
35	Injury characteristics in male youth athletics: a five-season prospective study in a full-time sports academy. <i>British Journal of Sports Medicine</i> , 2021, 55, 954-960.	6.7	24
36	Vibration Training in Elite Sport: Effective Training Solution or Just Another Fad?. <i>International Journal of Sports Physiology and Performance</i> , 2008, 3, 232-239.	2.3	23

#	ARTICLE	IF	CITATIONS
37	The Effects of Whole-Body Vibration in Isolation or Combined with Strength Training in Female Athletes. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 2495-2506.	2.1	23
38	Validation of Fabric-Based Thigh-Wearable EMG Sensors and Oximetry for Monitoring Quadriceps Activity during Strength and Endurance Exercises. <i>Sensors</i> , 2020, 20, 4664.	3.8	22
39	Being a top swimmer during the early career is not a prerequisite for success: A study on sprinter strokes. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 1272-1277.	1.3	22
40	Whole-body vibration can reduce calciuria induced by high protein intakes and may counteract bone resorption: A preliminary study. <i>Journal of Sports Sciences</i> , 2007, 25, 111-119.	2.0	21
41	Performance analysis of male handball goalkeepers at the World Handball championship 2015. <i>Biology of Sport</i> , 2017, 34, 393-400.	3.2	21
42	Conditioning for Team Handball. <i>Strength and Conditioning Journal</i> , 1997, 19, 7.	0.1	20
43	Effects of Heavy-Resistance Strength and Balance Training on Unilateral and Bilateral Leg Strength Performance in Old Adults. <i>PLoS ONE</i> , 2015, 10, e0118535.	2.5	19
44	Recommendations for Measurement and Management of an Elite Athlete. <i>Sports</i> , 2019, 7, 105.	1.7	19
45	Elite Junior Throwers Unlikely to Remain at the Top Level in the Senior Category. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1281-1287.	2.3	19
46	Characterization of muscle oxygenation response to vascular occlusion: implications for remote ischaemic preconditioning and physical Performance. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 785-793.	1.2	18
47	Neuromuscular fatigue induced by whole-body vibration exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 1625-1634.	2.5	17
48	A 1-Year Study of Endurance Runners: Training, Laboratory Tests, and Field Tests. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 1019-1025.	2.3	17
49	The Effect of High Volume Power Training on Repeated High-Intensity Performance and the Assessment of Repeat Power Ability: A Systematic Review. <i>Sports Medicine</i> , 2020, 50, 1317-1339.	6.5	17
50	Electromyography Activity of Vastus Lateralis Muscle During Whole-Body Vibrations of Different Frequencies. <i>Journal of Strength and Conditioning Research</i> , 2003, 17, 621-624.	2.1	16
51	Effect of Race Distance on Muscle Oxygenation in Short-Track Speed Skating. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 83-92.	0.4	16
52	Physical Predictors of Elite Skeleton Start Performance. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 81-89.	2.3	15
53	A review of the performance requirements of squash. <i>International Journal of Sports Science and Coaching</i> , 2018, 13, 1223-1232.	1.4	15
54	Electromyographic assessment of muscle fatigue during isometric vibration training at varying frequencies. , 2010, 2010, 2338-41.		14

#	ARTICLE	IF	CITATIONS
55	Home Versus Away Competition: Effect on Psychophysiological Variables in Elite Rugby Union. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 687-694.	2.3	14
56	Practices & attitudes towards recovery in elite Asian & UK adolescent athletes. <i>Physical Therapy in Sport</i> , 2017, 25, 25-33.	1.9	14
57	Effects of different vibration frequencies, amplitudes and contraction levels on lower limb muscles during graded isometric contractions superimposed on whole body vibration stimulation. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2019, 6, 205566831982746.	0.9	14
58	Association between thermal responses, medical events, performance, heat acclimation and health status in male and female elite athletes during the 2019 Doha World Athletics Championships. <i>British Journal of Sports Medicine</i> , 2022, 56, 439-445.	6.7	14
59	Visual Skills and Playing Positions of Olympic Field Hockey Players. <i>Perceptual and Motor Skills</i> , 2012, 114, 204-216.	1.3	13
60	A Pilot Study Using Entropy as a Noninvasive Assessment of Running. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1119-1122.	2.3	13
61	Assessment of Physical Demands and Fluid Balance in Elite Female Handball Players During a 6-Day Competitive Tournament. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2015, 25, 78-96.	2.1	12
62	Eight-Week Vibration Training of the Elbow Flexors by Force Modulation. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 739-746.	2.1	12
63	NIRS Measurements with Elite Speed Skaters: Comparison Between the Ice Rink and the Laboratory. <i>Advances in Experimental Medicine and Biology</i> , 2013, 765, 81-86.	1.6	11
64	The acute effects of spinal manipulation on neuromuscular function in asymptomatic individuals: A preliminary study. <i>Physical Therapy in Sport</i> , 2015, 16, 121-126.	1.9	11
65	Warm-up Practices in Elite Boxing Athletes: Impact on Power Output. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 95-105.	2.1	11
66	Upper limb vibration prototype with sports and rehabilitation applications: development, evaluation and preliminary study. <i>Healthcare Technology Letters</i> , 2017, 4, 44-49.	3.3	11
67	Commentary on "Towards a Grand Unified Theory of sports performance". <i>Human Movement Science</i> , 2017, 56, 160-162.	1.4	10
68	Video analysis of acute injuries and referee decisions during the 24th Men's Handball World Championship 2015 in Qatar. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1837-1846.	2.9	10
69	Training-induced Variations in Haematological and Biochemical Variables in Adolescent Athletes of Arab Origin Throughout an Entire Athletic Season. <i>Journal of Human Kinetics</i> , 2018, 64, 123-135.	1.5	9
70	Tanner's "Whitehouse and Modified Bayley" Pinneau Adult Height Predictions in Elite Youth Soccer Players from the Middle East. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2683-2690.	0.4	8
71	IS TESTOSTERONE INFLUENCING EXPLOSIVE PERFORMANCE?. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 103-107.	2.1	6
72	Effects of vibration-induced fatigue on the H-reflex. <i>Journal of Electromyography and Kinesiology</i> , 2018, 39, 134-141.	1.7	6

#	ARTICLE	IF	CITATIONS
73	Preparing athletes and staff for the first "pandemic" Olympic Games. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1052-1060.	0.7	5
74	Seasonal Changes in Performance Related Characteristics and Biochemical Marker Variability of Adolescent Table Tennis Players. <i>Asian Journal of Sports Medicine</i> , 2019, In Press, .	0.3	4
75	Skin Temperature, Training Load, and Subjective Muscle Soreness in Junior Endurance Athletes: A Case Study. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1349-1352.	2.3	4
76	Analysis of muscle fatigue induced by isometric vibration exercise at varying frequencies. , 2012, 2012, 6463-6.		3
77	High-frequency vibration training able to increase muscle power in postmenopausal women. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 687-688.	0.9	2
78	A novel vibration device for neuromuscular stimulation for sports and rehabilitation applications. , 2009, 2009, 839-44.		2
79	Fatiguing effects of indirect vibration stimulation in upper limb muscles: pre, post and during isometric contractions superimposed on upper limb vibration. <i>Royal Society Open Science</i> , 2019, 6, 190019.	2.4	2
80	Development in Adolescent Middle-Distance Athletes: A Study of Training Loadings, Physical Qualities, and Competition Performance. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, S103-S110.	2.1	2
81	An objective description of routine sleep habits in elite youth football players from the Middle-East. <i>Sleep Medicine</i> , 2021, 80, 96-99.	1.6	2
82	Influence of a concurrent strength and endurance training intervention on running performance in adolescent endurance athletes: An observational study. <i>Journal of Human Sport and Exercise</i> , 2018, 13, .	0.4	2
83	Training Load and Injury Incidence Over One Season in Adolescent Arab Table Tennis Players: A Pilot Study. <i>Asian Journal of Sports Medicine</i> , 2019, 10, .	0.3	2
84	Hashtag #TrainingLoad2016â€”Spreading the Word. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-1.	2.3	1
85	VIDEO ANALYSIS OF ACUTE INJURIES DURING THE 24TH MEN'S HANDBALL WORLD CHAMPIONSHIP 2015 IN QATAR. <i>British Journal of Sports Medicine</i> , 2017, 51, 286.2-286.	6.7	1
86	Exploring possible relationships between 25(OH)D deficiency and variables related to inflammation, endothelial function, and enzymatic antioxidants in adolescent athletes: a prospective study. <i>Biology of Sport</i> , 2019, 36, 113-118.	3.2	1
87	Muscle electrical activity during force modulation exercise. <i>IFMBE Proceedings</i> , 2009, , 2065-2068.	0.3	1
88	Comparison between single and combined data collection methods in loaded squat jump power output. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2017, 176, .	0.1	1
89	Near Infrared Spectroscopy Measurements Of Muscle Metabolism In Elite Short-track Speed Skaters During On-ice Race Simulation. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 54.	0.4	0
90	The Acute Effects of Citrulline-Malate Supplementation on High Intensity Cycling Performance and Muscle Oxygenation. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 132.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Neuromuscular and Hormonal Effects of a Single Session of Whole Body Vibration Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S262.	0.4	0
92	Strength Training on Vibrating Plates. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S388-S389.	0.4	0
93	Validation Of A Novel Stride Sensor Capable Of Measuring Running Speed. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S208.	0.4	0
94	Comparisons Between a Novel Running Index and Running Performance Measures in Well Trained Runners. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S206-S207.	0.4	0
95	A Novel Modality to Study Vibration Dissipation Through Muscle Tissue In-Vivo. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S260.	0.4	0
96	Match demands of elite preadolescent team handball players: a preliminary study. <i>Medicina Dello Sport</i> , 2018, 71, .	0.1	0
97	004â€¦Increased injury risk in youth athletics when growth rates are high and skeletal maturation is low. , 2021, , .		0