

Manuel V Garnacho-Castaño

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

835
citations

566801

15
h-index

525886

27
g-index

49
all docs

49
docs citations

49
times ranked

1052
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Beetroot Juice Supplementation on Cardiorespiratory Endurance in Athletes. A Systematic Review. <i>Nutrients</i> , 2017, 9, 43.	1.7	127
2	Effects of beetroot juice supplementation on intermittent high-intensity exercise efforts. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 2.	1.7	82
3	Reliability and validity assessment of a linear position transducer. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 128-36.	0.7	72
4	Effects of Beetroot Juice Supplementation on a 30-s High-Intensity Inertial Cycle Ergometer Test. <i>Nutrients</i> , 2017, 9, 1360.	1.7	62
5	Muscular fatigue in response to different modalities of CrossFit sessions. <i>PLoS ONE</i> , 2017, 12, e0181855.	1.1	60
6	<p>The Experience of COPD Patients in Lockdown Due to the COVID-19 Pandemic</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 2621-2627.	0.9	36
7	Severe loss of mechanical efficiency in COVID-19 patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1056-1063.	2.9	33
8	Acute Physiological and Mechanical Responses During Resistance Exercise at the Lactate Threshold Intensity. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2867-2873.	1.0	30
9	Effects of a home-exercise programme in childhood survivors of acute lymphoblastic leukaemia on physical fitness and physical functioning: results of a randomised clinical trial. <i>Supportive Care in Cancer</i> , 2020, 28, 3171-3178.	1.0	30
10	Exercise Prescription Using the Borg Rating of Perceived Exertion to Improve Fitness. <i>International Journal of Sports Medicine</i> , 2018, 39, 115-123.	0.8	24
11	Effects of a single dose of beetroot juice on cycling time trial performance at ventilatory thresholds intensity in male triathletes. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 49.	1.7	23
12	Effects of instability versus traditional resistance training on strength, power and velocity in untrained men. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 460-8.	0.7	23
13	Lactate Threshold as a Measure of Aerobic Metabolism in Resistance Exercise. <i>International Journal of Sports Medicine</i> , 2018, 39, 163-172.	0.8	19
14	Effects of Î²-alanine supplementation during a 5-week strength training program: a randomized, controlled study. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 19.	1.7	19
15	Cardiometabolic and Muscular Fatigue Responses to Different CrossFit® Workouts. <i>Journal of Sports Science and Medicine</i> , 2018, 17, 668-679.	0.7	19
16	Ventilatory efficiency during constant-load test at lactate threshold intensity: Endurance versus resistance exercises. <i>PLoS ONE</i> , 2019, 14, e0216824.	1.1	13
17	The lactate and ventilatory thresholds in resistance training. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 518-524.	0.5	12
18	The Slow Component of Oxygen Uptake and Efficiency in Resistance Exercises: A Comparison With Endurance Exercises. <i>Frontiers in Physiology</i> , 2019, 10, 357.	1.3	12

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19	Oxygen Uptake Slow Component and the Efficiency of Resistance Exercises. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1014-1022.	1.0	12
20	Understanding the effects of beetroot juice intake on CrossFit performance by assessing hormonal, metabolic and mechanical response: a randomized, double-blind, crossover design. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 56.	1.7	10
21	Application of Capacitive-Resistive Electric Transfer in Physiotherapeutic Clinical Practice and Sports. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12446.	1.2	9
22	Reliability and Validity of the Polar V800 Sports Watch for Estimating Vertical Jump Height. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 149-157.	0.7	8
23	Circulating nitrate-nitrite reduces oxygen uptake for improving resistance exercise performance after rest time in well-trained CrossFit athletes. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
24	Hypothermia can reverse hepatic oxidative stress damage induced by hypoxia in rats. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 615-623.	1.3	7
25	Cardiorespiratory and Metabolic Responses to Loaded Half Squat Exercise Executed at an Intensity Corresponding to the Lactate Threshold. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 648-56.	0.7	7
26	How whole-body vibration can help our COPD patients. Physiological changes at different vibration frequencies. <i>International Journal of COPD</i> , 2018, Volume 13, 3373-3380.	0.9	6
27	Muscle Recovery after a Single Bout of Functional Fitness Training. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6634.	1.2	6
28	Analysis of the Use and Applicability of Different Variables for the Prescription of Relative Intensity in Bench Press Exercise. <i>Biology</i> , 2022, 11, 336.	1.3	6
29	Reproducibility and Applicability of Traditional Strength Training Prescription Recommendations. <i>Biology</i> , 2022, 11, 851.	1.3	5
30	On the Handwriting Tasksâ€™ Analysis to Detect Fatigue. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7630.	1.3	4
31	The Relationship between Resistance Exercise Performance and Ventilatory Efficiency after Beetroot Juice Intake in Well-Trained Athletes. <i>Nutrients</i> , 2021, 13, 1094.	1.7	4
32	Ischiocrural Strength May Be a Better Prognostic Marker Than Quadriceps Strength in COPD. <i>Lung</i> , 2018, 196, 665-668.	1.4	3
33	Powerâ€™ and velocityâ€™load relationships to improve resistance exercise performance. Proceedings of the Institution of Mechanical Engineers, Part P: <i>Journal of Sports Engineering and Technology</i> , 2018, 232, 349-359.	0.4	3
34	Cardiorespiratory, Metabolic and Muscular Responses during a Video-Recorded Aerobic Dance Session on an Air Dissipation Platform. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9511.	1.2	2
35	Effects of Introducing Rest Intervals in Functional Fitness Training. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9731.	1.3	2
36	Aerobic Dance on an Air Dissipation Platform Improves Cardiorespiratory, Muscular and Cellular Fitness in the Overweight and Obese Elderly. <i>Biology</i> , 2022, 11, 579.	1.3	2

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37	RESPUESTAS CARDIORRESPIRATORIAS A INTENSIDAD UMBRAL. ESTUDIO COMPARATIVO ENTRE MEDIA SENTADILLA Y CICLOERGÓMETRO // CARDIORRESPIRATORY RESPONSES AT THRESHOLD INTENSITY. COMPARATIVE BETWEEN HALF SQUAT VS CYCLE ERGOMETER. Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte, 2018, 18, 507-520.	0.1	1
38	Short-term effects of cardiorespiratory parameters on 2 resistance training programs prescribing exercise intensity through the RPE. Cultura, Ciencia Y Deporte, 2015, 10, 41-53.	0.3	1
39	The Effect of Fatigue on the Performance of Online Writer Recognition. Cognitive Computation, 2021, 13, 1374-1388.	3.6	1
40	The Epidemiology of Injuries in Spanish Rugby Union División de Honor. International Journal of Environmental Research and Public Health, 2022, 19, 3882.	1.2	1
41	The Influence Of A 12-week Home-exercise Program On Physical Fitness And Physical Functioning In Childhood Survivors Of Acute Lymphoblastic Leukaemia: Results Of A Randomised Clinical Trial. Medicine and Science in Sports and Exercise, 2020, 52, 326-327.	0.2	0
42	Effect of Muscle Action on the Kinetic and Kinematic Behavior of the Barbell during Isoinertial Strength Assessment. Applied Sciences (Switzerland), 2021, 11, 2354.	1.3	0