

Luiz Guilherme Ga Antonacci Guglielmo

List of Publications by Year in descending order

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109
papers

1,373
citations

430874

18
h-index

414414

32
g-index

111
all docs

111
docs citations

111
times ranked

1873
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel treadmill protocol for uphill running assessment: the incline incremental running test (IIRT). <i>Research in Sports Medicine</i> , 2022, 30, 554-565.	1.3	4
2	Heart rate variability kinetics during different intensity domains of cycling exercise in healthy subjects. <i>European Journal of Sport Science</i> , 2022, 22, 1231-1239.	2.7	1
3	Effects of Caffeine Chewing Gum on Exercise Tolerance and Neuromuscular Responses in Well-Trained Runners. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1671-1676.	2.1	13
4	Ecological and Construct Validity of a Repeated Sprint Test in Male Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2000-2009.	2.1	3
5	Game Running Performance and Fitness in Women's Futsal. <i>International Journal of Sports Medicine</i> , 2021, 42, 74-81.	1.7	5
6	Modeling the depletion and reconstitution of W ^{AT} : Effects of prior exercise on cycling tolerance. <i>Respiratory Physiology and Neurobiology</i> , 2021, 285, 103590.	1.6	1
7	HIIT Models in Addition to Training Load and Heart Rate Variability Are Related With Physiological and Performance Adaptations After 10-Weeks of Training in Young Futsal Players. <i>Frontiers in Psychology</i> , 2021, 12, 636153.	2.1	8
8	Phase Angle Is Related to 10 m and 30 m Sprint Time and Repeated-Sprint Ability in Young Male Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4405.	2.6	18
9	Impaired dopamine metabolism is linked to fatigability in mice and fatigue in Parkinson's disease patients. <i>Brain Communications</i> , 2021, 3, fcab116.	3.3	5
10	High-Intensity Intermittent Exercise Performed on the Sand Induces Higher Internal Load Demands in Soccer Players. <i>Frontiers in Psychology</i> , 2021, 12, 713106.	2.1	3
11	Similar time near VO ₂ max regardless of work rate manipulation in cycling interval training. <i>International Journal of Sports Medicine</i> , 2021, , .	1.7	0
12	Effects of Far-Infrared Emitting Ceramic Materials on Recovery During 2-Week Preseason of Elite Futsal Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 235-248.	2.1	19
13	Similar maximal oxygen uptake assessment from a step cycling incremental test and verification tests on the same or different day. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 357-361.	1.9	10
14	Comparative effects of two heat acclimation protocols consisting of high-intensity interval training in the heat on aerobic performance and thermoregulatory responses in exercising rats. <i>PLoS ONE</i> , 2020, 15, e0229335.	2.5	10
15	Assessing body composition in rugby players: agreement between different methods and association with physical performance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 733-742.	0.7	8
16	Title is missing!. , 2020, 15, e0229335.		0
17	Title is missing!. , 2020, 15, e0229335.		0
18	Title is missing!. , 2020, 15, e0229335.		0

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19	Title is missing!. , 2020, 15, e0229335.		0
20	Title is missing!. , 2020, 15, e0229335.		0
21	Title is missing!. , 2020, 15, e0229335.		0
22	Prediction of peak $\dot{V}E^{TM}O_2$ in Children and Adolescents With HIV From an Incremental Cycle Ergometer Test. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 163-171.	1.4	1
23	Thigh Ischemia-Reperfusion Model Does Not Accelerate Pulmonary VO_2 Kinetics at High Intensity Cycling Exercise. <i>Frontiers in Physiology</i> , 2019, 10, 160.	2.8	1
24	Changes in VO_2 Kinetics After Elevated Baseline Do Not Necessarily Reflect Alterations in Muscle Force Production in Both Sexes. <i>Frontiers in Physiology</i> , 2019, 10, 471.	2.8	4
25	Different Pathways Leading up to the Same Futsal Competition: Individual and Inter-Team Variability in Loading Patterns and Preseason Training Adaptations. <i>Sports</i> , 2019, 7, 7.	1.7	12
26	Recovery following Rugby Union matches: effects of cold water immersion on markers of fatigue and damage. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 546-556.	1.9	11
27	Comparative Effects of Two Interval Shuttle-Run Training Modes on Physiological and Performance Adaptations in Female Professional Futsal Players. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1416-1428.	2.1	13
28	Effects of Farâ€œinfrared Emitting Ceramic Material Clothing on Recovery After Maximal Eccentric Exercise. <i>Journal of Human Kinetics</i> , 2019, 70, 135-144.	1.5	8
29	Muscular resistance, hypertrophy and strength training equally reduce adiposity, inflammation and insulin resistance in mice with diet-induced obesity. <i>Einstein (Sao Paulo, Brazil)</i> , 2019, 18, eAO4784.	0.7	12
30	Effects of Exercise-Induced Muscle Damage in Well-Trained Cyclists' Aerobic and Anaerobic Performances. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2623-2631.	2.1	3
31	The effects of priming exercise on the $\dot{V}O_{2\max}$ slow component and the time-course of muscle fatigue during very-heavy-intensity exercise in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 909-919.	1.9	11
32	Tannerâ€™ Whitehouse Skeletal Ages in Male Youth Soccer Players: TW2 or TW3?. <i>Sports Medicine</i> , 2018, 48, 991-1008.	6.5	28
33	Relative age effect, skeletal maturation and aerobic running performance in youth soccer players. <i>Motriz Revista De Educacao Fisica</i> , 2018, 24, .	0.2	1
34	Shuttle-Run Interval Training with More Directional Changes Induces Superior Gains in Shuttle Sprint Performance in Female Professional Futsal Players. <i>Human Movement</i> , 2018, 2018, 40-51.	0.9	3
35	The anaerobic speed reserve of high-level soccer players: a comparison based on the running speed profile among and within playing positions. <i>Human Movement</i> , 2018, 2018, 65-72.	0.9	6
36	Skeletal maturity and oxygen uptake in youth soccer controlling for concurrent size descriptors. <i>PLoS ONE</i> , 2018, 13, e0205976.	2.5	14

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37	Effect of hypnotic suggestion on knee extensor neuromuscular properties in resting and fatigued states. PLoS ONE, 2018, 13, e0195437.	2.5	4
38	Training Loads and RSA and Aerobic Performance Changes During the Preseason in Youth Soccer Squads. Journal of Human Kinetics, 2018, 65, 235-248.	1.5	6
39	ISOKINETIC ASSESSMENT OF MUSCULAR STRENGTH AND BALANCE IN BRAZILIAN ELITE FUTSAL PLAYERS. International Journal of Sports Physical Therapy, 2018, 13, 94-103.	1.3	16
40	Validity and Reliability of the PowerCal Device for Estimating Power Output During Cycling Time Trials. Journal of Strength and Conditioning Research, 2017, 31, 227-232.	2.1	8
41	The effects of block training on pacing during 20-km cycling time trial. Applied Physiology, Nutrition and Metabolism, 2017, 42, 391-398.	1.9	5
42	Repeated sprint ability in soccer players: associations with physiological and neuromuscular factors. Journal of Sports Medicine and Physical Fitness, 2017, 57, 26-32.	0.7	21
43	The peak velocity of Carminatti's Test for aerobic-fitness training in male soccer players. Revista Brasileira De Cineantropometria E Desempenho Humano, 2017, 19, 652-662.	0.5	0
44	Agreement analysis between critical power and intensity corresponding to 50% in cycling exercise. Revista Brasileira De Cineantropometria E Desempenho Humano, 2016, 18, 197.	0.5	3
45	The \dot{V}_{O_2} Kinetics of Maximal and Supramaximal Running Exercises in Sprinters and Middle-Distance Runners. Journal of Strength and Conditioning Research, 2016, 30, 2857-2863.	2.1	5
46	Rate of utilization of a given fraction of \dot{W} (the curvature constant of the power-duration) $T_{jETQ0} = \frac{0.0}{0.0} \frac{rgBT}{\text{Overlock } 10}$ 101, 540-548.	2.0	12
47	Physiological Responses During the Time Limit at 100% of the Peak Velocity in the Carminatti's Test in Futsal Players. Journal of Human Kinetics, 2016, 54, 91-101.	1.5	9
48	Are the oxygen uptake and heart rate off-kinetics influenced by the intensity of prior exercise?. Respiratory Physiology and Neurobiology, 2016, 230, 60-67.	1.6	5
49	The peak velocity derived from the Carminatti Test is related to physical match performance in young soccer players. Journal of Sports Sciences, 2016, 34, 2238-2245.	2.0	25
50	Forma $\tilde{\text{c}}\tilde{\text{a}}\tilde{\text{o}}$ em educa $\tilde{\text{c}}\tilde{\text{a}}\tilde{\text{o}}$ f $\tilde{\text{a}}$ sica e a interven $\tilde{\text{c}}\tilde{\text{a}}\tilde{\text{o}}$ no esporte de alto rendimento. , 2016, , 266-289.		0
51	Skeletal Maturation and Aerobic Performance in Young Soccer Players from Professional Academies. International Journal of Sports Medicine, 2015, 36, 1069-1075.	1.7	8
52	Physiological, Anthropometric, Strength, and Muscle Power Characteristics Correlates With Running Performance in Young Runners. Journal of Strength and Conditioning Research, 2015, 29, 1584-1591.	2.1	21
53	The Effect of Two Generic Aerobic Interval Training Methods on Laboratory and Field Test Performance in Soccer Players. Journal of Strength and Conditioning Research, 2015, 29, 1666-1672.	2.1	12
54	Efeito de quatro semanas de treinamento de sprints repetidos sobre $\tilde{\text{A}}$ ndices fisiol $\tilde{\text{a}}$ gicos em atletas de futsal. Revista Brasileira De Cineantropometria E Desempenho Humano, 2015, 17, 91.	0.5	9

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55	Características fisiológicas, avaliação e prescrição do treinamento aeróbio no Futsal. Revista Brasileira De Cineantropometria E Desempenho Humano, 2015, 17, 753.	0.5	2
56	Teste de corrida de Carminatti: análise da reprodutibilidade do pico de velocidade em jovens militares. Revista Da Educação Física, 2015, 26, 301.	0.0	1
57	Caffeine Affects Time to Exhaustion and Substrate Oxidation during Cycling at Maximal Lactate Steady State. Nutrients, 2015, 7, 5254-5264.	4.1	21
58	Reproducibility and validity of the PowerCal device for estimating power output during sprints in well-trained cyclists. Isokinetics and Exercise Science, 2015, 23, 127-132.	0.4	3
59	Maximal power output during incremental cycling test is dependent on the curvature constant of the power-time relationship. Applied Physiology, Nutrition and Metabolism, 2015, 40, 895-898.	1.9	9
60	Letter to the Editor. International Journal of Sports Medicine, 2015, 36, 338-338.	1.7	0
61	Effects of caffeine chewing gum on race performance and physiology in male and female cyclists. Journal of Sports Sciences, 2015, 33, 1076-1083.	2.0	47
62	The effect of prior exercise intensity on oxygen uptake kinetics during high-intensity running exercise in trained subjects. European Journal of Applied Physiology, 2015, 115, 147-156.	2.5	13
63	Test-retest reliability of second lactate turnpoint using two different criteria in competitive cyclists. European Journal of Sport Science, 2015, 15, 265-270.	2.7	9
64	Exercise Tolerance Can Be Enhanced through a Change in Work Rate within the Severe Intensity Domain: Work above Critical Power Is Not Constant. PLoS ONE, 2015, 10, e0138428.	2.5	20
65	Predição da performance de corredores de endurance por meio de testes de laboratório e pista. Revista Brasileira De Cineantropometria E Desempenho Humano, 2014, 16, 465.	0.5	7
66	Effects of a Seven Day Overload-Period of High-Intensity Training on Performance and Physiology of Competitive Cyclists. PLoS ONE, 2014, 9, e115308.	2.5	16
67	Consumo de oxigênio durante ciclismo na máxima fase estável de lactato sanguíneo até a exaustão: modelo contínuo vs. intermitente. Revista Andaluza De Medicina Del Deporte, 2014, 7, 155-161.	0.1	0
68	Increased platelet oxidative metabolism, blood oxidative stress and neopterin levels after ultra-endurance exercise. Journal of Sports Sciences, 2014, 32, 22-30.	2.0	41
69	Efeitos do treinamento intervalado em variáveis fisiológicas e na performance de ciclistas competitivos. Revista Andaluza De Medicina Del Deporte, 2014, 7, 83-89.	0.1	4
70	Test-retest reliability of a 3-min isokinetic all-out test using two different cadences. Journal of Science and Medicine in Sport, 2014, 17, 645-649.	1.3	6
71	Time to Exhaustion at Continuous and Intermittent Maximal Lactate Steady State During Running Exercise. International Journal of Sports Physiology and Performance, 2014, 9, 772-776.	2.3	11
72	Reliability and Validity of the Carminatti's Test for Aerobic Fitness in Youth Soccer Players. Journal of Strength and Conditioning Research, 2014, 28, 3264-3273.	2.1	19

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73	Resposta cardiorrespiratória e gasto energético em exercício na máxima fase estável de lactato. Revista Brasileira De Cineantropometria E Desempenho Humano, 2014, 16, .	0.5	0
74	Time to exhaustion at and above critical power in trained cyclists: The relationship between heavy and severe intensity domains. Science and Sports, 2013, 28, e9-e14.	0.5	26
75	Continuous and intermittent running to exhaustion at maximal lactate steady state: Neuromuscular, biochemical and endocrinal responses. Journal of Science and Medicine in Sport, 2013, 16, 545-549.	1.3	10
76	Physiological and Neuromuscular Indices Associated with Sprint Running Performance. Research in Sports Medicine, 2013, 21, 124-135.	1.3	11
77	Comparação da potência anaeróbica entre as posições táticas em jogadores de futebol: estudo retrospectivo. Revista Brasileira De Cineantropometria E Desempenho Humano, 2013, 15, .	0.5	2
78	Níveis de potência muscular em atletas de futebol e futsal em diferentes categorias e posições. Motricidade, 2012, 8, .	0.2	12
79	Time to exhaustion at intermittent maximal lactate steady state is longer than continuous cycling exercise. Applied Physiology, Nutrition and Metabolism, 2012, 37, 1047-1053.	1.9	15
80	Maximal lactate steady state and anaerobic thresholds from different methods in cyclists. European Journal of Sport Science, 2012, 12, 161-167.	2.7	13
81	Máximo estado estável de lactato estimado por diferentes métodos de determinação. Revista Brasileira De Cineantropometria E Desempenho Humano, 2012, 14, .	0.5	4
82	Índices fisiológicos associados com a performance aeróbica de corredores nas distâncias de 1,5 km, 3 km e 5 km. Motriz Revista De Educacao Fisica, 2012, 18, 690-698.	0.2	2
83	A influência da natação no desempenho do triathlon: implicações para o treinamento e competição. DOI: 10.5007/1980-0037.2012v14n2p232. Revista Brasileira De Cineantropometria E Desempenho Humano, 2012, 14, .	0.5	1
84	Perfil fisiológico de uma aula de body step. Revista Da Educação Física, 2012, 23, .	0.0	1
85	Índices fisiológicos e neuromusculares determinantes da performance de corredores velocistas e meio-fundistas. Revista Brasileira De Ciencias Do Esporte, 2012, 34, 11-26.	0.4	0
86	Validity and reliability of a new field test (Carminatti's test) for soccer players compared with laboratory-based measures. Journal of Sports Sciences, 2011, 29, 1621-1628.	2.0	47
87	Molecular aspects involved in swimming exercise training reducing anhedonia in a rat model of depression. Neuroscience, 2011, 192, 661-674.	2.3	116
88	Neuroprotective and neuroregenerative effects of low-intensity aerobic exercise on sciatic nerve crush injury in mice. Neuroscience, 2011, 194, 337-348.	2.3	110
89	Potência muscular e capacidade de sprints repetidos em jogadores de futebol DOI: 10.5007/1980-0037.2010v12n4p255. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 12, .	0.5	5
90	Relação entre aptidão aeróbica e capacidade de sprints repetidos no futebol: efeito do protocolo. DOI: 10.5007/1980-0037.2011v13n2p111. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 13, 0.5		3

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91	Características fisiológicas de corredores meio-fundistas de diferentes níveis competitivos. Revista Da Educação Física, 2011, 22, .	0.0	1
92	Comparação de diferentes métodos para identificação do limiar anaeróbio em nadadores. Revista Da Educação Física, 2011, 22, .	0.0	0
93	Variáveis fisiológicas e neuromusculares associadas com a performance aeróbia em corredores de endurance: efeitos da distância da prova. Revista Brasileira De Medicina Do Esporte, 2011, 17, 40-44.	0.2	5
94	Avaliação aeróbia no futebol. DOI: 10.5007/1980-0037.2011v13n5p384. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 13, .	0.5	5
95	Validity of Carminatti's Test to Determine Physiological Indices of Aerobic Power and Capacity in Soccer and Futsal Players. Journal of Strength and Conditioning Research, 2011, 25, 3099-3106.	2.1	33
96	Índices fisiológicos e neuromusculares relacionados à performance nas provas de 800 m e 1500 m rasos. Motriz Revista De Educacao Fisica, 2011, 17, .	0.2	0
97	Physiological Demands of Team-Handball Referees During Games. Journal of Strength and Conditioning Research, 2010, 24, 1960-1962.	2.1	13
98	Relationship Between Different Measures of Aerobic Fitness and Repeated-Sprint Ability in Elite Soccer Players. Journal of Strength and Conditioning Research, 2010, 24, 2115-2121.	2.1	106
99	Aspectos fisiológicos do mountain biking competitivo. Revista Brasileira De Medicina Do Esporte, 2010, 16, 459-464.	0.2	2
100	High-Intensity Extended Swimming Exercise Reduces Pain-Related Behavior in Mice: Involvement of Endogenous Opioids and the Serotonergic System. Journal of Pain, 2010, 11, 1384-1393.	1.4	75
101	Diferença entre intensidade do exercício prescrita por meio do teste TCAR no solo arenoso e na grama DOI:10.5007/1980-0037.2010v12n1p29. Revista Brasileira De Cineantropometria E Desempenho Humano, 2009, 12, .	0.5	1
102	Effects of Strength Training on Running Economy. International Journal of Sports Medicine, 2009, 30, 27-32.	1.7	72
103	Effects of Exercise Mode on the Oxygen Uptake Kinetic Response to Severe-Intensity Exercise in Prepubertal Children. Pediatric Exercise Science, 2009, 21, 159-170.	1.0	6
104	Determinação da intensidade da aula de POWER JUMP por meio da frequência cardíaca. Revista Brasileira De Cineantropometria E Desempenho Humano, 2008, 10, .	0.5	6
105	Influência da forma de indução à acidose na determinação da intensidade de lactato máximo em corredores de longa distância. Revista Brasileira De Medicina Do Esporte, 2008, 14, 393-398.	0.2	4
106	Relação da potência aeróbica máxima e da força muscular com a economia de corrida em atletas de endurance. Revista Brasileira De Medicina Do Esporte, 2005, 11, 53-56.	0.2	4
107	Assessment of Anaerobic Power of Swimmers. Journal of Strength and Conditioning Research, 2000, 14, 395-398.	2.1	6
108	Assessment of Anaerobic Power of Swimmers: The Correlation of Laboratory Tests on an Arm Ergometer With Field Tests in a Swimming Pool. Journal of Strength and Conditioning Research, 2000, 14, 395.	2.1	15

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109	Match activity profile and heart rate responses of top-level soccer referees during Brazilian National First and Second Division and regional championships. Science and Medicine in Football, 0, , .	2.0	1