# 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 | Molecular aspects involved in swimming exercise training reducing anhedonia in a rat model of depression. Neuroscience, 2011, 192, 661-674. | 2.3 | 116 |
| 2 | Neuroprotective and neuroregenerative effects of low-intensity aerobic exercise on sciatic nerve crush injury in mice. Neuroscience, 2011, 194, 337-348. | 2.3 | 110 |
| 3 | 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 |
| 4 | 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 |
| 5 | Effects of Strength Training on Running Economy. International Journal of Sports Medicine, 2009, 30, 27-32. | 1.7 | 72 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Tannerâ€"Whitehouse Skeletal Ages in Male Youth Soccer Players: TW2 or TW3?. Sports Medicine, 2018, 48, 991-1008. | 6.5 | 28 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Caffeine Affects Time to Exhaustion and Substrate Oxidation during Cycling at Maximal Lactate Steady State. Nutrients, 2015, 7, 5254-5264. | 4.1 | 21 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Effects of Far-Infrared Emitting Ceramic Materials on Recovery During 2-Week Preseason of Elite Futsal Players. Journal of Strength and Conditioning Research, 2020, 34, 235-248. | 2.1 | 19 |

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|---|---|---|---|
| 19 | Phase Angle Is Related to 10 m and 30 m Sprint Time and Repeated-Sprint Ability in Young Male Soccer Players. International Journal of Environmental Research and Public Health, 2021, 18, 4405. | 2.6 | 18 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Skeletal maturity and oxygen uptake in youth soccer controlling for concurrent size descriptors. PLoS ONE, 2018, 13, e0205976. | 2.5 | 14 |
| 25 | Physiological Demands of Team-Handball Referees During Games. Journal of Strength and Conditioning Research, 2010, 24, 1960-1962. | 2.1 | 13 |
| 26 | Maximal lactate steadyâ€state and anaerobic thresholds from different methods in cyclists. European Journal of Sport Science, 2012, 12, 161-167. | 2.7 | 13 |
| 27 | 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 |
| 28 | Effects of Caffeine Chewing Gum on Exercise Tolerance and Neuromuscular Responses in Well-Trained Runners. Journal of Strength and Conditioning Research, 2021, 35, 1671-1676. | 2.1 | 13 |
| 29 | Comparative Effects of Two Interval Shuttle-Run Training Modes on Physiological and Performance Adaptations in Female Professional Futsal Players. Journal of Strength and Conditioning Research, 2019, 33, 1416-1428. | 2.1 | 13 |
| 30 | NÃveis de potÃªncia muscular em atletas de futebol e futsal em diferentes categorias e posiÃ§Ãµes. Motricidade, 2012, 8, . | 0.2 | 12 |
| 31 | 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 |
| 32 | Rate of utilization of a given fraction of Wâ€² (the curvature constant of the powerâ€“duration) Tj ETQq0 0 0 rgBT /Overlock 10 101, 540-548. | 2.0 | 12 |
| 33 | Different Pathways Leading up to the Same Futsal Competition: Individual and Inter-Team Variability in Loading Patterns and Preseason Training Adaptations. Sports, 2019, 7, 7. | 1.7 | 12 |
| 34 | Muscular resistance, hypertrophy and strength training equally reduce adiposity, inflammation and insulin resistance in mice with diet-induced obesity. Einstein (Sao Paulo, Brazil), 2019, 18, eAO4784. | 0.7 | 12 |
| 35 | Physiological and Neuromuscular Indices Associated with Sprint Running Performance. Research in Sports Medicine, 2013, 21, 124-135. | 1.3 | 11 |
| 36 | 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 |

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|---|---|---|---|
| 37 | The effects of priming exercise on the VÌ‡O<sub>2</sub> slow component and the time-course of muscle fatigue during very-heavy-intensity exercise in humans. Applied Physiology, Nutrition and Metabolism, 2018, 43, 909-919. | 1.9 | 11 |
| 38 | Recovery following Rugby Union matches: effects of cold water immersion on markers of fatigue and damage. Applied Physiology, Nutrition and Metabolism, 2019, 44, 546-556. | 1.9 | 11 |
| 39 | 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 |
| 40 | Similar maximal oxygen uptake assessment from a step cycling incremental test and verification tests on the same or different day. Applied Physiology, Nutrition and Metabolism, 2020, 45, 357-361. | 1.9 | 10 |
| 41 | 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. PLoS ONE, 2020, 15, e0229335. | 2.5 | 10 |
| 42 | Efeito de quatro semanas de treinamento de sprints repetidos sobre Ãndices fisiolÃ³gicos em atletas de futsal. Revista Brasileira De Cineantropometria E Desempenho Humano, 2015, 17, 91. | 0.5 | 9 |
| 43 | Maximal power output during incremental cycling test is dependent on the curvature constant of the powerâ€“time relationship. Applied Physiology, Nutrition and Metabolism, 2015, 40, 895-898. | 1.9 | 9 |
| 44 | Testâ€“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 |
| 45 | Physiological Responses During the Time Limit at 100% of the Peak Velocity in the Carminattiâ€™s Test in Futsal Players. Journal of Human Kinetics, 2016, 54, 91-101. | 1.5 | 9 |
| 46 | Skeletal Maturation and Aerobic Performance in Young Soccer Players from Professional Academies. International Journal of Sports Medicine, 2015, 36, 1069-1075. | 1.7 | 8 |
| 47 | 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 |
| 48 | 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. Frontiers in Psychology, 2021, 12, 636153. | 2.1 | 8 |
| 49 | Assessing body composition in rugby players: agreement between different methods and association with physical performance. Journal of Sports Medicine and Physical Fitness, 2020, 60, 733-742. | 0.7 | 8 |
| 50 | Effects of Farâ€Infrared Emitting Ceramic Material Clothing on Recovery After Maximal Eccentric Exercise. Journal of Human Kinetics, 2019, 70, 135-144. | 1.5 | 8 |
| 51 | PrediÃ§Ã£o da performance de corredores de endurance por meio de testes de laboratÃ³rio e pista. Revista Brasileira De Cineantropometria E Desempenho Humano, 2014, 16, 465. | 0.5 | 7 |
| 52 | Assessment of Anaerobic Power of Swimmers. Journal of Strength and Conditioning Research, 2000, 14, 395-398. | 2.1 | 6 |
| 53 | DeterminaÃ§Ã£o da intensidade da aula de POWER JUMP por meio da freqÃ¼Ãªncia cardÃaca. Revista Brasileira De Cineantropometria E Desempenho Humano, 2008, 10, . | 0.5 | 6 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Testâ€“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 |
| 56 | The anaerobic speed reserve of high-level soccer players: a comparison based on the running speed profile among and within playing positions. Human Movement, 2018, 2018, 65-72. | 0.9 | 6 |
| 57 | 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 |
| 58 | PotÃªncia 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 |
| 59 | VariÃ¡veis fisiolÃ³gicas e neuromusculares associadas com a performance aerÃ³bia em corredores de endurance: efeitos da distÂ¢ncia da prova. Revista Brasileira De Medicina Do Esporte, 2011, 17, 40-44. | 0.2 | 5 |
| 60 | AvaliaÃ§Ã£o aerÃ³bia no futebol. DOI: 10.5007/1980-0037.2011v13n5p384. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 13, . | 0.5 | 5 |
| 61 | The VÌ‡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 |
| 62 | 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 |
| 63 | 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 |
| 64 | Game Running Performance and Fitness in Womenâ€™s Futsal. International Journal of Sports Medicine, 2021, 42, 74-81. | 1.7 | 5 |
| 65 | Impaired dopamine metabolism is linked to fatigability in mice and fatigue in Parkinsonâ€™s disease patients. Brain Communications, 2021, 3, fcab116. | 3.3 | 5 |
| 66 | RelaÃ§Ã£o da potÃªncia aerÃ³bica mÃ¡xima e da forÃ§a muscular com a economia de corrida em atletas de endurance. Revista Brasileira De Medicina Do Esporte, 2005, 11, 53-56. | 0.2 | 4 |
| 67 | MÃ¡ximo estado estÃ¡vel de lactato estimado por diferentes mÃ©todos de determinaÃ§Ã£o. Revista Brasileira De Cineantropometria E Desempenho Humano, 2012, 14, . | 0.5 | 4 |
| 68 | Efeitos do treinamento intervalado em variÃ¡veis fisiolÃ³gicas e na performance de ciclistas competitivos. Revista Andaluza De Medicina Del Deporte, 2014, 7, 83-89. | 0.1 | 4 |
| 69 | Effect of hypnotic suggestion on knee extensor neuromuscular properties in resting and fatigued states. PLoS ONE, 2018, 13, e0195437. | 2.5 | 4 |
| 70 | Changes in VO2 Kinetics After Elevated Baseline Do Not Necessarily Reflect Alterations in Muscle Force Production in Both Sexes. Frontiers in Physiology, 2019, 10, 471. | 2.8 | 4 |
| 71 | A novel treadmill protocol for uphill running assessment: the incline incremental running test (IIRT). Research in Sports Medicine, 2022, 30, 554-565. | 1.3 | 4 |
| 72 | InfluÃªncia da forma de induÃ§Ã£o Ã acidose na determinaÃ§Ã£o da intensidade de lactato mÃnimo em corredores de longa distÂ¢ncia. Revista Brasileira De Medicina Do Esporte, 2008, 14, 393-398. | 0.2 | 4 |

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|---|---|---|---|
| 73 | RelaÃ§Ã£o entre aptidÃ£o aerÃ³bia 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | Effects of Exercise-Induced Muscle Damage in Well-Trained Cyclists' Aerobic and Anaerobic Performances. Journal of Strength and Conditioning Research, 2018, 32, 2623-2631. | 2.1 | 3 |
| 77 | Shuttle-Run Interval Training with More Directional Changes Induces Superior Gains in Shuttle Sprint Performance in Female Professional Futsal Players. Human Movement, 2018, 2018, 40-51. | 0.9 | 3 |
| 78 | Ecological and Construct Validity of a Repeated Sprint Test in Male Youth Soccer Players. Journal of Strength and Conditioning Research, 2021, 35, 2000-2009. | 2.1 | 3 |
| 79 | High-Intensity Intermittent Exercise Performed on the Sand Induces Higher Internal Load Demands in Soccer Players. Frontiers in Psychology, 2021, 12, 713106. | 2.1 | 3 |
| 80 | Aspectos fisiolÃ³gicos do mountain biking competitivo. Revista Brasileira De Medicina Do Esporte, 2010, 16, 459-464. | 0.2 | 2 |
| 81 | Ãndices fisiolÃ³gicos associados com a performance aerÃ³bia 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 |
| 82 | CaracterÃsticas fisiolÃ³gicas, avaliaÃ§Ã£o e prescriÃ§Ã£o do treinamento aerÃ³bio no Futsal. Revista Brasileira De Cineantropometria E Desempenho Humano, 2015, 17, 753. | 0.5 | 2 |
| 83 | ComparaÃ§Ã£o da potÃªncia anaerÃ³bia entre as posiÃ§Ãµes tÃ¡ticas em jogadores de futebol: estudo retrospectivo. Revista Brasileira De Cineantropometria E Desempenho Humano, 2013, 15, . | 0.5 | 2 |
| 84 | DiferenÃ§a entre intensidade do exercÃcio 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 |
| 85 | CaracterÃsticas fisiolÃ³gicas de corredores meio-fundistas de diferentes nÃveis competitivos. Revista Da EducaÃ§Ã£o FÃsica, 2011, 22, . | 0.0 | 1 |
| 86 | A influÃªncia da nataÃ§Ã£o no desempenho do triathlon: implicaÃ§Ãµes para o treinamento e competiÃ§Ã£o. DOI: 10.5007/1980-0037.2012v14n2p232. Revista Brasileira De Cineantropometria E Desempenho Humano, 2012, 14, . | 0.5 | 1 |
| 87 | Perfil fisiolÃ³gico de uma aula de body step. Revista Da EducaÃ§Ã£o FÃsica, 2012, 23, . | 0.0 | 1 |
| 88 | Teste de corrida de Carminatti: anÃ¡lise da reprodutibilidade do pico de velocidade em jovens militares. Revista Da EducaÃ§Ã£o FÃsica, 2015, 26, 301. | 0.0 | 1 |
| 89 | Relative age effect, skeletal maturation and aerobic running performance in youth soccer players. Motriz Revista De Educacao Fisica, 2018, 24, . | 0.2 | 1 |
| 90 | Prediction of peak VË™O2in Children and Adolescents With HIV From an Incremental Cycle Ergometer Test. Research Quarterly for Exercise and Sport, 2019, 90, 163-171. | 1.4 | 1 |

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|---|---|---|---|
| 91 | Thigh Ischemia-Reperfusion Model Does Not Accelerate Pulmonary VO2 Kinetics at High Intensity Cycling Exercise. Frontiers in Physiology, 2019, 10, 160. | 2.8 | 1 |
| 92 | Modeling the depletion and reconstitution of Wâ€²: Effects of prior exercise on cycling tolerance. Respiratory Physiology and Neurobiology, 2021, 285, 103590. | 1.6 | 1 |
| 93 | Heart rate variability kinetics during different intensity domains of cycling exercise in healthy subjects. European Journal of Sport Science, 2022, 22, 1231-1239. | 2.7 | 1 |
| 94 | 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 |
| 95 | ComparaÃ§Ã£o de diferentes mÃ©todos para identificaÃ§Ã£o do limiar anaerÃ³bio em nadadores. Revista Da EducaÃ§Ã£o FÃsica, 2011, 22, . | 0.0 | 0 |
| 96 | Indices fisiolÃ³gicos e neuromusculares determinantes da performance de corredores velocistas e meio-fundistas. Revista Brasileira De Ciencias Do Esporte, 2012, 34, 11-26. | 0.4 | 0 |
| 97 | Consumo de oxigÃªnio durante ciclismo na mÃ¡xima fase estÃ¡vel de lactato sanguÃneo atÃ© a exaustÃ£o: modelo contÃnuo vs. intermitente. Revista Andaluza De Medicina Del Deporte, 2014, 7, 155-161. | 0.1 | 0 |
| 98 | Letter to the Editor. International Journal of Sports Medicine, 2015, 36, 338-338. | 1.7 | 0 |
| 99 | The peak velocity of Carminattiâ€™s Test for aerobic-fitness training in male soccer players. Revista Brasileira De Cineantropometria E Desempenho Humano, 2017, 19, 652-662. | 0.5 | 0 |
| 100 | Similar time near VO2max regardless of work rate manipulation in cycling interval training. International Journal of Sports Medicine, 2021, , . | 1.7 | 0 |
| 101 | Ãndices fisiolÃ³gicos e neuromusculares relacionados Ã performance nas provas de 800 m e 1500 m rasos. Motriz Revista De Educacao Fisica, 2011, 17, . | 0.2 | 0 |
| 102 | Resposta cardiorrespiratÃ³ria e gasto energÃ©tico em exercÃcio na mÃ¡xima fase estÃ¡vel de lactato. Revista Brasileira De Cineantropometria E Desempenho Humano, 2014, 16, . | 0.5 | 0 |
| 103 | FormaÃ§Ã£o em educaÃ§Ã£o fÃsica e a intervenÃ§Ã£o no esporte de alto rendimento. , 2016, , 266-289. | | 0 |
| 104 | Title is missing!. , 2020, 15, e0229335. | | 0 |
| 105 | Title is missing!. , 2020, 15, e0229335. | | 0 |
| 106 | Title is missing!. , 2020, 15, e0229335. | | 0 |
| 107 | Title is missing!. , 2020, 15, e0229335. | | 0 |
| 108 | Title is missing!. , 2020, 15, e0229335. | | 0 |

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| 109 | Title is missing!. , 2020, 15, e0229335. | | 0 |