

Caio Victor Sousa

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

1,098
citations

567281

15
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552781

26
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97
all docs

97
docs citations

97
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Active video games in fully immersive virtual reality elicit moderate-to-vigorous physical activity and improve cognitive performance in sedentary college students. <i>Journal of Sport and Health Science</i> , 2022, 11, 164-171.	6.5	25
2	The beginning of success: Performance trends and cut-off values for junior and the U23 triathlon categories. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 16-22.	2.2	2
3	Running an active gaming-based randomized controlled trial during the COVID-19 pandemic: Challenges, solutions and lessons learned. <i>Public Health in Practice</i> , 2022, 3, 100259.	1.5	1
4	Influence of Body Fat on Oxidative Stress and Telomere Length of Master Athletes. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1693-1699.	2.1	16
5	The effectiveness of a community-based exercise program on depression symptoms among people living with HIV. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2021, 33, 368-374.	1.2	4
6	Physiological Responses to Swimming Repetitive "Miles". <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 487-494.	2.1	9
7	Effect of three different Pilates sessions on energy expenditure and aerobic metabolism in healthy females. <i>Sport Sciences for Health</i> , 2021, 17, 223-231.	1.3	5
8	What is the exercise intensity of Pilates? An analysis of the energy expenditure, blood lactate, and intensity of apparatus and mat Pilates sessions. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 26, 36-42.	1.2	6
9	An Analysis of Participation and Performance of 2067 100-km Ultra-Marathons Worldwide. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 362.	2.6	23
10	Rapid component of excess post-exercise oxygen consumption of children of different weight status after playing active video games. <i>BMC Pediatrics</i> , 2021, 21, 80.	1.7	1
11	Effects of pre-dialysis resistance training on sarcopenia, inflammatory profile, and anemia biomarkers in older community-dwelling patients with chronic kidney disease: a randomized controlled trial. <i>International Urology and Nephrology</i> , 2021, 53, 2137-2147.	1.4	20
12	Improving the prognosis of renal patients: The effects of blood flow-restricted resistance training on redox balance and cardiac autonomic function. <i>Experimental Physiology</i> , 2021, 106, 1099-1109.	2.0	12
13	Master athletes have longer telomeres than age-matched non-athletes. A systematic review, meta-analysis and discussion of possible mechanisms. <i>Experimental Gerontology</i> , 2021, 146, 111212.	2.8	18
14	Greater muscle strength is associated with reduced autonomic reactivity. <i>Research, Society and Development</i> , 2021, 10, e16510615593.	0.1	1
15	What Is the Best Discipline to Predict Overall Triathlon Performance? An Analysis of Sprint, Olympic, Ironman® 70.3, and Ironman® 140.6. <i>Frontiers in Physiology</i> , 2021, 12, 654552.	2.8	25
16	Editorial: The Elderly Athlete. <i>Frontiers in Physiology</i> , 2021, 12, 686858.	2.8	0
17	From Athens to Sparta—37 Years of Spartathlon. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4914.	2.6	5
18	The Role of Environmental Conditions on Master Marathon Running Performance in 1,280,557 Finishers the "New York City Marathon"™ From 1970 to 2019. <i>Frontiers in Physiology</i> , 2021, 12, 665761.	2.8	6

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19	Influence of Anthropometric Characteristics on Ice Swimming Performanceâ€”The IISA Ice Mile and Ice Km. International Journal of Environmental Research and Public Health, 2021, 18, 6766.	2.6	1
20	Increased Participation and Decreased Performance in Recreational Master Athletes in â€œBerlin Marathonâ€•1974â€”2019. Frontiers in Physiology, 2021, 12, 631237.	2.8	23
21	What Type of Body Shape Moves Children? An Experimental Exploration of the Impact of Narrative Cartoon Character Body Shape on Childrenâ€™s Narrative Engagement, Wishful Identification, and Exercise Motivation. Frontiers in Psychology, 2021, 12, 653626.	2.1	1
22	Relationship between inflammatory biomarkers and testosterone levels in male master athletes and non-athletes. Experimental Gerontology, 2021, 151, 111407.	2.8	7
23	Changes in Sex Difference in Time-Limited Ultra-Cycling Races from 6 Hours to 24 Hours. Medicina (Lithuania), 2021, 57, 923.	2.0	6
24	Participation and Performance in the Oldest Ultramarathonâ€”Comrades Marathon 1921â€”2019. International Journal of Sports Medicine, 2021, 42, 638-644.	1.7	10
25	Are Resistance Training-Induced BDNF in Hemodialysis Patients Associated with Depressive Symptoms, Quality of Life, Antioxidant Capacity, and Muscle Strength? An Insight for the Muscleâ€”Brainâ€”Renal Axis. International Journal of Environmental Research and Public Health, 2021, 18, 11299.	2.6	11
26	Ultraâ€”triathlonâ€”Pacing, performance trends, the role of nationality, and sex differences in finishers and nonâ€”finishers. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 556-563.	2.9	13
27	Age-related decrease in performance of male masters athletes in sprint, sprintâ€”endurance, and endurance events. Sport Sciences for Health, 2020, 16, 385-392.	1.3	8
28	Oxidative stress, inflammatory cytokines and body composition of master athletes: The interplay. Experimental Gerontology, 2020, 130, 110806.	2.8	28
29	Isometric Exercise with Large Muscle Mass Improves Redox Balance and Blood Pressure in Hypertensive Adults. Medicine and Science in Sports and Exercise, 2020, 52, 1187-1195.	0.4	7
30	Cold Water Swimmingâ€”Benefits and Risks: A Narrative Review. International Journal of Environmental Research and Public Health, 2020, 17, 8984.	2.6	43
31	Cut-Off Values In The Prediction Of Success In Olympic Distance Triathlon. Medicine and Science in Sports and Exercise, 2020, 52, 1033-1034.	0.4	0
32	The impact of narratives and active video games on long-term moderate-to-vigorous physical activity: A randomized controlled trial protocol. Contemporary Clinical Trials, 2020, 96, 106087.	1.8	3
33	Pacing strategy of a wheelchair athlete in a 5x and 10x Ironman ultra triathlon: a case study. Disability and Rehabilitation: Assistive Technology, 2020, , 1-7.	2.2	0
34	Cut-Off Values in the Prediction of Success in Olympic Distance Triathlon. International Journal of Environmental Research and Public Health, 2020, 17, 9491.	2.6	12
35	Sprint and endurance training in relation toÂ•redox balance, inflammatory status and biomarkers of aging in master athletes. Nitric Oxide - Biology and Chemistry, 2020, 102, 42-51.	2.7	24
36	Does Longer Leukocyte Telomere Length and Higher Physical Fitness Protect Master Athletes From Consequences of Coronavirus (SARS-CoV-2) Infection?. Frontiers in Sports and Active Living, 2020, 2, 87.	1.8	8

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37	Tower Runningâ€™ Participation, Performance Trends, and Sex Difference. International Journal of Environmental Research and Public Health, 2020, 17, 1902.	2.6	3
38	Performance trends in Paralympic athletes in sprint, middle-distance and endurance events. Sport Sciences for Health, 2020, 16, 485-490.	1.3	4
39	The Age-Related Performance Decline in Ironman 70.3. International Journal of Environmental Research and Public Health, 2020, 17, 2148.	2.6	6
40	Participation and Performance Trends in the Oldest 100-km Ultramarathon in the World. International Journal of Environmental Research and Public Health, 2020, 17, 1719.	2.6	23
41	Pacing and Performance Analysis of the Worldâ€™s Fastest Female Ultra-Triathlete in 5x and 10x Ironman. International Journal of Environmental Research and Public Health, 2020, 17, 1543.	2.6	3
42	Pacing in World-Class Age Group Swimmers in 100 and 200 m Freestyle, Backstroke, Breaststroke, and Butterfly. International Journal of Environmental Research and Public Health, 2020, 17, 3875.	2.6	10
43	Self-Selected Pacing During a World Record Attempt in 40 Ironman-Distance Triathlons in 40 Days. International Journal of Environmental Research and Public Health, 2020, 17, 2390.	2.6	2
44	Can the Performance Gap between Women and Men be Reduced in Ultra-Cycling?. International Journal of Environmental Research and Public Health, 2020, 17, 2521.	2.6	10
45	Pacing in World-Class Age Group Swimmers in 200 and 400 m Individual Medley. Frontiers in Physiology, 2020, 11, 629738.	2.8	1
46	Faster and Healthier: Relationship between Telomere and Performance in Master Athletes. International Journal of Sports Medicine, 2020, 41, 339-344.	1.7	7
47	Longitudinal Performance Analysis in Ultra-Triathlon of the Worldâ€™s 2 Best Master Triathletes. International Journal of Sports Physiology and Performance, 2020, 15, 1480-1484.	2.3	5
48	The Effect of Narrative on Physical Activity via Immersion During Active Video Game Play in Children: Mediation Analysis. Journal of Medical Internet Research, 2020, 22, e17994.	4.3	15
49	A descriptive study on health, training and social aspects of adults that participated in ultra endurance running as youth athletes. Journal of Sports Medicine and Physical Fitness, 2020, , .	0.7	7
50	Sex Differences in Swimming Disciplinesâ€™ Can Women Outperform Men in Swimming?. International Journal of Environmental Research and Public Health, 2020, 17, 3651.	2.6	30
51	Even Pacing Is Associated with Faster Finishing Times in Ultramarathon Distance Trail Runningâ€™ The â€™Ultra-Trail du Mont Blancâ€™2008â€™2019. International Journal of Environmental Research and Public Health, 2020, 17, 7074.	2.6	15
52	Physiological Responses To Animated Narrative Vs. Nonnarrative Videos In Active Video Gameplay. Medicine and Science in Sports and Exercise, 2020, 52, 447-447.	0.4	0
53	Breaking the athletics world record in the 100 and 400 meters: an alternative method for assessment. Journal of Sports Medicine and Physical Fitness, 2020, 60, 1317-1321.	0.7	1
54	Effects of short-term self-selected resistance training on anxiety and depression scores of sedentary individuals. Research, Society and Development, 2020, 9, e1889119755.	0.1	0

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55	American Masters Road Running Records”The Performance Gap Between Female and Male Age Group Runners from 5 Km to 6 Days Running. International Journal of Environmental Research and Public Health, 2019, 16, 2310.	2.6	11
56	Fidedignidade nas medidas derivadas do método de palpação de um software para avaliação postural: a experiência clínica importa?. Revista Brasileira De Cineantropometria E Desempenho Humano, 2019, 20, 515-524.	0.5	2
57	Human Development Index and the frequency of nations in Athletics World Rankings. Sport Sciences for Health, 2019, 15, 393-398.	1.3	9
58	Cycling as the Best Sub-8-Hour Performance Predictor in Full Distance Triathlon. Sports, 2019, 7, 24.	1.7	12
59	The Effect of Aging on Pacing Strategies in Short and Long Distance Duathlon. Experimental Aging Research, 2019, 45, 223-233.	1.2	4
60	Celebrating 40 Years of Ironman: How the Champions Perform. International Journal of Environmental Research and Public Health, 2019, 16, 1019.	2.6	16
61	Heart rate cost of running in track estimates velocity associated with maximal oxygen uptake. Physiology and Behavior, 2019, 205, 33-38.	2.1	5
62	Response to “A comprehensive integrative perspective of the anaerobic threshold engine” the driver is not a part of an engine. Physiology and Behavior, 2019, 210, 112436.	2.1	1
63	The Autonomic Balance Of Master Athlete During Stress Is Associated To Antioxidant Profile. Medicine and Science in Sports and Exercise, 2019, 51, 323-323.	0.4	0
64	Telomere length and redox balance in master endurance runners: The role of nitric oxide. Experimental Gerontology, 2019, 117, 113-118.	2.8	24
65	Heart rate variability in middle-aged sprint and endurance athletes. Physiology and Behavior, 2019, 205, 39-43.	2.1	22
66	An integrative perspective of the anaerobic threshold. Physiology and Behavior, 2019, 205, 29-32.	2.1	27
67	Effects of the Performance Level and Race Distance on Pacing in Ultra-Triathlons. Journal of Human Kinetics, 2019, 67, 247-258.	1.5	15
68	Hydration Status After an Ironman Triathlon: A Meta-Analysis. Journal of Human Kinetics, 2019, 70, 93-102.	1.5	16
69	Telomere Length, Lipid Profile and Body Composition of Master Sprinters and Endurance Runners. Medicine and Science in Sports and Exercise, 2019, 51, 195-195.	0.4	0
70	Acute metabolic responses following different resistance exercise protocols. Applied Physiology, Nutrition and Metabolism, 2018, 43, 838-843.	1.9	8
71	Sex difference in long-distance open-water swimming races “ does nationality play a role?. Research in Sports Medicine, 2018, 26, 332-344.	1.3	14
72	Telomere Length Of Middle-aged Sprinters And Endurance Runners. Medicine and Science in Sports and Exercise, 2018, 50, 147.	0.4	0

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73	Exercise, Telomeres, and Cancer: “The Exercise-Telomere Hypothesis” Frontiers in Physiology, 2018, 9, 1798.	2.8	24
74	Vertical Jump Is Strongly Associated to Running-Based Anaerobic Sprint Test in Teenage Futsal Male Athletes. Sports, 2018, 6, 129.	1.7	12
75	Sex difference in open-water swimming”The Triple Crown of Open Water Swimming 1875-2017. PLoS ONE, 2018, 13, e0202003.	2.5	15
76	The relationship of wearing a wetsuit in long-distance open-water swimming with sex, age, calendar year, performance, and nationality – crossing the “Strait of Gibraltar” Open Access Journal of Sports Medicine, 2018, Volume 9, 27-36.	1.3	5
77	Training Performed Above Lactate Threshold Decreases p53 and Shelterin Expression in Mice. International Journal of Sports Medicine, 2018, 39, 704-711.	1.7	8
78	How much further for the sub-2-hour marathon?. Open Access Journal of Sports Medicine, 2018, Volume 9, 139-145.	1.3	13
79	Nitric oxide and blood pressure responses to short-term resistance training in adults with and without type-2 diabetes: a randomized controlled trial. Sport Sciences for Health, 2018, 14, 597-606.	1.3	0
80	Heart Rate Variability in middle-aged Sprinters and Endurance Runners. Medicine and Science in Sports and Exercise, 2018, 50, 773.	0.4	0
81	Leucocyte Telomere Length of Master Endurance Athletes is Associated to Resting Nitric Oxide. Medicine and Science in Sports and Exercise, 2018, 50, 660.	0.4	0
82	The Antioxidant Effect of Exercise: A Systematic Review and Meta-Analysis. Sports Medicine, 2017, 47, 277-293.	6.5	209
83	Longer Telomere Length in Elite Master Sprinters: Relationship to Performance and Body Composition. International Journal of Sports Medicine, 2017, 38, 1111-1116.	1.7	36
84	Effects of short-term plyometric training on physical fitness parameters in female futsal athletes. Journal of Physical Therapy Science, 2017, 29, 783-788.	0.6	18
85	Pacing in Deca and Double Deca Iron Ultra-Triathlon. Adaptive Medicine, 2017, 9, 78-84.	0.1	2
86	Efeito do exercício físico nos níveis plasmático de Dimetilarginina Assimétrica (ADMA) e suas consequências na disfunção endotelial: uma revisão sistemática. Ciência Em Movimento, 2017, 19, 65.	0.0	0
87	Dmax method estimates lactate threshold in individuals with type 2 diabetes. Sport Sciences for Health, 2016, 12, 175-181.	1.3	0
88	Double product break point estimates ventilatory threshold in individuals with type 2 diabetes. Journal of Physical Therapy Science, 2016, 28, 1775-1780.	0.6	2
89	12 weeks of Brazilian jiu-jitsu training improves functional fitness in elderly men. Sport Sciences for Health, 2016, 12, 291-295.	1.3	11
90	Contact Karate Promotes Post-Exercise Hypotension in Young Adult Males. Asian Journal of Sports Medicine, 2016, 7, e33850.	0.3	1

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91	Treinamento de tênis de mesa em ambiente virtual não melhora desempenho de crianças em espaço real. ConScientiae Saúde, 2016, 15, 24-29.	0.1	0
92	Effects of aerobic exercise intensity on 24-h ambulatory blood pressure in individuals with type 2 diabetes and prehypertension. Journal of Physical Therapy Science, 2015, 27, 51-56.	0.6	30
93	Níveis de aptidão física em escolares pré-púberes: uma comparação entre gêneros. , 2015, 13, 1.		0
94	Alternative Method to Evaluate Performance Improvement Rate in Athletics Middle Distance Events. Journal of Science in Sport and Exercise, 0, , 1.	1.0	0