

Thiago Silveira Alvares

List of Publications by Year in descending order

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76
papers

1,285
citations

331538

21
h-index

395590

33
g-index

77
all docs

77
docs citations

77
times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of dietary nitrate ingestion on muscular performance: a systematic review and meta-analysis of randomized controlled trials. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5284-5306.	5.4	12
2	A high single oral dose of turmeric extract (<i>Curcuma longa</i> L.) does not improve skeletal muscle microvascular reactivity in older subjects. <i>Pharmacological Research Modern Chinese Medicine</i> , 2022, 2, 100025.	0.5	1
3	Effect of microencapsulated watermelon (<i>Citrullus lanatus</i>) intake on plasma amino acids and glycemic response in healthy adults. <i>Food Bioscience</i> , 2022, 46, 101553.	2.0	2
4	Improved microvascular reactivity after aged garlic extract intake is not mediated by hydrogen sulfide in older adults at risk for cardiovascular disease: a randomized clinical trial. <i>European Journal of Nutrition</i> , 2022, , 1.	1.8	4
5	Development of a microencapsulated cocoa (<i>Theobroma cacao</i>) - based product and evaluation of total phenolic compounds and antioxidant capacity. <i>Research, Society and Development</i> , 2022, 11, e2011931140.	0.0	1
6	Current Evidence of Watermelon (<i>Citrullus lanatus</i>) Ingestion on Vascular Health: A Food Science and Technology Perspective. <i>Nutrients</i> , 2022, 14, 2913.	1.7	8
7	High-glucose mixed meals impair microvascular function: the attenuating effect of exercise. <i>Journal of Physiology</i> , 2021, 599, 11-12.	1.3	1
8	Acute supplementation with beetroot juice improves endothelial function in HIV-infected individuals. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 213-220.	0.9	6
9	Suitability of the muscle O ₂ resaturation parameters most used for assessing reactive hyperemia: a near-infrared spectroscopy study. <i>Jornal Vascular Brasileiro</i> , 2021, 20, e20200143.	0.1	3
10	STORAGE STABILITY OF L-CITRULLINE IN CUCUMBER (<i>CUCUMIS SATIVUS</i>) AND WATERMELON (<i>CITRULLUS</i>) Tj ETQq0 0 0 rgBT /Overloc	0.0	0
11	Evaluation of total polyphenols content and antioxidant capacity of different commercial cocoa diferentes pÃ³s comerciais de cacau (<i>theobroma cacao</i>). <i>Brazilian Journal of Development</i> , 2021, 7, 39100-39109.	0.0	1
12	Effect of high-nitrate beetroot juice consumption on thyroid gland hormones and iodine levels in adults. <i>Food Bioscience</i> , 2021, 40, 100869.	2.0	1
13	Food-derived polyphenol compounds and cardiovascular health: A nano-technological perspective. <i>Food Bioscience</i> , 2021, 41, 101033.	2.0	18
14	Reactive oxygen species play a modulatory role in the hyperventilatory response to poikilocapnic hyperoxia in humans. <i>Journal of Physiology</i> , 2021, 599, 3993-4007.	1.3	4
15	Turmeric root extract supplementation improves pre-frontal cortex oxygenation and blood volume in older males and females: a randomised cross-over, placebo-controlled study. <i>International Journal of Food Sciences and Nutrition</i> , 2021, , 1-10.	1.3	5
16	Impact of microencapsulated watermelon (<i>Citrullus lanatus</i>) and beetroot (<i>Beta vulgaris</i> L) on storage stability of l-citrulline and dietary nitrate. <i>Journal of Food Science and Technology</i> , 2021, 58, 4730-4737.	1.4	5
17	A perspective on the use of polyphenols nano-formulation as a nutritional strategy to manage the symptoms of the infected patient with COVID-19. <i>Research, Society and Development</i> , 2021, 10, e400101321471.	0.0	2
18	The effects of the analysis strategy on the correlation between the NIRS reperfusion measures and the FMD response. <i>Microvascular Research</i> , 2020, 127, 103922.	1.1	15

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19	Effects of fish protein hydrolysate ingestion on endothelial function compared to whey protein hydrolysate in humans. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 242-248.	1.3	9
20	Differential vasomotor responses to isocapnic hyperoxia: cerebral versus peripheral circulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R182-R187.	0.9	5
21	Effects of fish protein hydrolysate ingestion on postexercise aminoacidemia compared with whey protein hydrolysate in young individuals. <i>Journal of Food Science</i> , 2020, 85, 21-27.	1.5	9
22	Is flow-mediated dilatation associated with near-infrared spectroscopy-derived magnitude of muscle O ₂ desaturation in healthy young and individuals at risk for cardiovascular disease?. <i>Microvascular Research</i> , 2020, 129, 103967.	1.1	11
23	Acute application of a transdermal nitroglycerin patch protects against prolonged forearm ischemia-induced microvascular dysfunction. <i>Microcirculation</i> , 2020, 27, e12599.	1.0	5
24	Covid-19 Quarantine: Impact of Lifestyle Behaviors Changes on Endothelial Function and Possible Protective Effect of Beetroot Juice. <i>Frontiers in Nutrition</i> , 2020, 7, 582210.	1.6	13
25	Flow-Mediated Dilation in Healthy Young Individuals Is Impaired after a Single Resistance Exercise Session. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5194.	1.2	8
26	The impact of beetroot juice intake on muscle oxygenation and performance during rhythmic handgrip exercise. <i>PharmaNutrition</i> , 2020, 14, 100215.	0.8	3
27	Dietary nitrate improves skeletal muscle microvascular oxygenation in HIV-infected patients receiving highly active antiretroviral therapy: a randomised, double-blind, cross-over, placebo-controlled study. <i>British Journal of Nutrition</i> , 2020, 124, 1277-1284.	1.2	6
28	Combined effect of oxygen-scavenger packaging and UV-C radiation on shelf life of refrigerated tilapia (<i>Oreochromis niloticus</i>) fillets. <i>Scientific Reports</i> , 2020, 10, 4243.	1.6	22
29	Fish protein hydrolysate supplementation improves vascular reactivity in individuals at high risk factors for cardiovascular disease: A pilot study. <i>PharmaNutrition</i> , 2020, 12, 100186.	0.8	6
30	A single oral dose of beetroot-based gel does not improve muscle oxygenation parameters, but speeds up handgrip isometric strength recovery in recreational combat sports athletes. <i>Biology of Sport</i> , 2020, 37, 93-99.	1.7	14
31	Near-infrared spectroscopy-derived total haemoglobin as an indicator of changes in muscle blood flow during exercise-induced hyperaemia. <i>Journal of Sports Sciences</i> , 2020, 38, 751-758.	1.0	22
32	Near-infrared spectroscopy-derived muscle oxygen saturation during exercise recovery and flow-mediated dilation are impaired in HIV-infected patients. <i>Microvascular Research</i> , 2020, 130, 104004.	1.1	7
33	The Effect of Different Packaging Systems on the Shelf Life of Refrigerated Ground Beef. <i>Foods</i> , 2020, 9, 495.	1.9	23
34	Is Hyperoxic Hyperventilation Caused by Reduced Carbon Dioxide Washout or Disturbed Brain Redox Homeostasis?. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
35	The effects of aging and cardiovascular risk factors on microvascular function assessed by near-infrared spectroscopy. <i>Microvascular Research</i> , 2019, 126, 103911.	1.1	16
36	The association between near-infrared spectroscopy assessment of microvascular reactivity and flow-mediated dilation is disrupted in individuals at high risk for cardiovascular disease. <i>Microcirculation</i> , 2019, 26, e12556.	1.0	18

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37	Human brain blood flow and metabolism during isocapnic hyperoxia: the role of reactive oxygen species. <i>Journal of Physiology</i> , 2019, 597, 741-755.	1.3	26
38	Combined Effect of Modified Atmosphere Package and Short-Wave Ultraviolet Does Not Affect <i>Proteus mirabilis</i> Growth on Rainbow Trout Fillets (<i>Oncorhynchus</i>) <i>TJ ETQq0 0 0 rgBT /Overlook 10 T650 697 Td</i>	1.0	10
39	Beetroot-based gel supplementation improves handgrip strength and forearm muscle O ₂ saturation but not exercise tolerance and blood volume in jiu-jitsu athletes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 920-927.	0.9	20
40	A single dose of beetroot juice improves endothelial function but not tissue oxygenation in pregnant women: a randomised clinical trial. <i>British Journal of Nutrition</i> , 2018, 120, 1006-1013.	1.2	26
41	Acute effect of fish protein hydrolysate supplementation on vascular function in healthy individuals. <i>Journal of Functional Foods</i> , 2018, 46, 250-255.	1.6	19
42	Combined effect of high hydrostatic pressure and ultraviolet radiation on quality parameters of refrigerated vacuum-packed tilapia (<i>Oreochromis niloticus</i>) fillets. <i>Scientific Reports</i> , 2018, 8, 9524.	1.6	24
43	Cerebral Hypoperfusion and Metabolic Regulation during Isocapnic Hyperoxia: The Role of Reactive Oxygen Species. <i>FASEB Journal</i> , 2018, 32, 922.3.	0.2	0
44	Instrumental Texture Parameters as Freshness Indicators in Five Farmed Brazilian Freshwater Fish Species. <i>Food Analytical Methods</i> , 2017, 10, 3589-3599.	1.3	30
45	A Single Dose of Beetroot Gel Rich in Nitrate Does Not Improve Performance but Lowers Blood Glucose in Physically Active Individuals. <i>Journal of Nutrition and Metabolism</i> , 2017, 2017, 1-9.	0.7	18
46	Acute effect of dietary nitrate on forearm muscle oxygenation, blood volume and strength in older adults: A randomized clinical trial. <i>PLoS ONE</i> , 2017, 12, e0188893.	1.1	24
47	Beetroot-Based Gel Improves Forearm Reoxygenation and Strength after Exercise in Elderly with Cardiovascular Risk Factors.. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 936.	0.2	0
48	Physicochemical, nutritional, and sensory analyses of a nitrate-enriched beetroot gel and its effects on plasmatic nitric oxide and blood pressure. <i>Food and Nutrition Research</i> , 2016, 60, 29909.	1.2	28
49	Modified Atmosphere Packaging and UV-C Radiation on Shelf Life of Rainbow Trout (<i>Oncorhynchus</i>) <i>TJ ETQq1 1 0.784314 rgBT /Overlook 10 T650 697 Td</i>	0.6	1
50	A single dose of a beetroot-based nutritional gel improves endothelial function in the elderly with cardiovascular risk factors. <i>Journal of Functional Foods</i> , 2016, 26, 301-308.	1.6	37
51	Caffeine and Creatine Content of Dietary Supplements Consumed by Brazilian Soccer Players. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2016, 26, 323-329.	1.0	6
52	Beetroot juice increase nitric oxide metabolites in both men and women regardless of body mass. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 40-46.	1.3	21
53	Comparison of total antioxidant potential, and total phenolic, nitrate, sugar, and organic acid contents in beetroot juice, chips, powder, and cooked beetroot. <i>Food Science and Biotechnology</i> , 2016, 25, 79-84.	1.2	48
54	Influence of vacuum and modified atmosphere packaging in combination with UV-C radiation on the shelf life of rainbow trout (<i>Oncorhynchus mykiss</i>) fillets. <i>Food Control</i> , 2016, 60, 596-605.	2.8	79

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55	Quantitative and Comparative Contents of Nitrate and Nitrite in Beta vulgaris L. by Reversed-Phase High-Performance Liquid Chromatography-Fluorescence. Food Analytical Methods, 2016, 9, 1002-1008.	1.3	17
56	Protein and Amino Acid Profiles of Different Whey Protein Supplements. Journal of Dietary Supplements, 2016, 13, 313-323.	1.4	30
57	Nutritional Profile and Chemical Stability of Pasta Fortified with Tilapia (Oreochromis niloticus) Flour. PLoS ONE, 2016, 11, e0168270.	1.1	37
58	Development of a beetroot-based nutritional gel containing high content of bioaccessible dietary nitrate and antioxidants. International Journal of Food Sciences and Nutrition, 2016, 67, 153-160.	1.3	13
59	Kefir Grains Change Fatty Acid Profile of Milk during Fermentation and Storage. PLoS ONE, 2015, 10, e0139910.	1.1	39
60	Simultaneous Determination of Lactulose and Lactose in Conserved Milk by HPLC-RID. Journal of Chemistry, 2015, 2015, 1-6.	0.9	21
61	In Vitro digestibility of commercial whey protein supplements. LWT - Food Science and Technology, 2015, 61, 7-11.	2.5	70
62	Hormonal response to L-arginine supplementation in physically active individuals. Food and Nutrition Research, 2014, 58, 22569.	1.2	10
63	L-arginine does not improve biochemical and hormonal response in trained runners after 4 weeks of supplementation. Nutrition Research, 2014, 34, 31-39.	1.3	35
64	Studies of the effect of sodium tripolyphosphate on frozen shrimp by physicochemical analytical methods and Low Field Nuclear Magnetic Resonance (LF 1H NMR). LWT - Food Science and Technology, 2013, 50, 401-407.	2.5	51
65	Quality Attributes in Shrimp Treated with Polyphosphate after Thawing and Cooking: A Study Using Physicochemical Analytical Methods and ¹ H NMR. Journal of Food Process Engineering, 2013, 36, 492-499.	1.5	33
66	L-Arginine Supplementation and Nitric Oxide Production: No Additional Effect When Associated to Exercise. Food and Nutrition Sciences (Print), 2013, 04, 779-784.	0.2	1
67	Acute L-arginine supplementation increases muscle blood volume but not strength performance. Applied Physiology, Nutrition and Metabolism, 2012, 37, 115-126.	0.9	62
68	Acute L-Arginine supplementation does not increase nitric oxide production in healthy subjects. Nutrition and Metabolism, 2012, 9, 54.	1.3	58
69	L-Arginine as a Potential Ergogenic Aid in Healthy Subjects. Sports Medicine, 2011, 41, 233-248.	3.1	102
70	Effect of L-arginine Supplementation on Plasma Citrulline and Ornithine at Rest and After Resistance Exercise. Medicine and Science in Sports and Exercise, 2011, 43, 590.	0.2	0
71	Apresentação de temas livres em eventos científicos de ciências e medicina do esporte e publicação em periódicos indexados. Revista Brasileira De Cineantropometria E Desempenho Humano, 2008, 10, 50.	0.5	3
72	Efeitos da suplementação de b-hidroxi-b-metilbutirato sobre a força e a hipertrofia. Revista De Nutricao, 2008, 21, 49-61.	0.4	4

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73	L-arginine Supplementation Increases Muscle Blood Volume During Recovery After Sets Of Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S402.	0.2	0
74	Effect of Microencapsulated Watermelon (<i>&i>Citrullus lanatus&i></i>) Intake on Plasma Amino Acids and Glycemic Response in Healthy Adults. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
75	The influence of cardiovascular risk factors on near-infrared spectroscopy-derived muscle oxygen saturation during exercise recovery in older adults. <i>Sport Sciences for Health</i> , 0, , 1.	0.4	1
76	Capsaicin supplementation did not increase skeletal muscle oxygen saturation and muscular endurance during resistance exercise: a randomized and crossover study. <i>Sport Sciences for Health</i> , 0, , .	0.4	1