Thiago Silveira Alvares

List of Publications by Year
in descending order

76	1,285	331259	414034
papers	citations	21 h-index	32 g-index

77	77	77	1509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	L-Arginine as a Potential Ergogenic Aid in Healthy Subjects. Sports Medicine, 2011, 41, 233-248.	3.1	102
2	Influence of vacuum and modified atmosphere packaging in combination with UV-C radiation on the shelf life of rainbow trout (Oncorhynchus mykiss) fillets. Food Control, 2016, 60, 596-605.	2.8	79
3	InÂvitro digestibility of commercial whey protein supplements. LWT - Food Science and Technology, 2015, 61, 7-11.	2.5	70
4	Acute <scp>l</scp>-arginine supplementation increases muscle blood volume but not strength performance. Applied Physiology, Nutrition and Metabolism, 2012, 37, 115-126.	0.9	62
5	Acute L-Arginine supplementation does not increase nitric oxide production in healthy subjects. Nutrition and Metabolism, 2012, 9, 54.	1.3	58
6	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
7	Comparison of total antioxidant potential, and total phenolic, nitrate, sugar, and organic acid contents in beetroot juice, chips, powder, and cooked beetroot. Food Science and Biotechnology, 2016, 25, 79-84.	1.2	48
8	Kefir Grains Change Fatty Acid Profile of Milk during Fermentation and Storage. PLoS ONE, 2015, 10, e0139910.	1.1	39
9	A single dose of a beetroot-based nutritional gel improves endothelial function in the elderly with cardiovascular risk factors. Journal of Functional Foods, 2016, 26, 301-308.	1.6	37
10	Nutritional Profile and Chemical Stability of Pasta Fortified with Tilapia (Oreochromis niloticus) Flour. PLoS ONE, 2016, 11, e0168270.	1.1	37
11	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
12	Quality Attributes in Shrimp Treated with Polyphosphate after Thawing and Cooking: A Study Using Physicochemical Analytical Methods and <scp>L</scp>owâ€«<scp>F</scp>ield ¹<scp>H NMR</scp>. Journal of Food Process Engineering, 2013, 36, 492-499.	1.5	33
13	Protein and Amino Acid Profiles of Different Whey Protein Supplements. Journal of Dietary Supplements, 2016, 13, 313-323.	1.4	30
14	Instrumental Texture Parameters as Freshness Indicators in Five Farmed Brazilian Freshwater Fish Species. Food Analytical Methods, 2017, 10, 3589-3599.	1.3	30
15	Physicochemical, nutritional, and sensory analyses of a nitrate-enriched beetroot gel and its effects on plasmatic nitric oxide and blood pressure. Food and Nutrition Research, 2016, 60, 29909.	1.2	28
16	A single dose of beetroot juice improves endothelial function but not tissue oxygenation in pregnant women: a randomised clinical trial. British Journal of Nutrition, 2018, 120, 1006-1013.	1.2	26
17	Human brain blood flow and metabolism during isocapnic hyperoxia: the role of reactive oxygen species. Journal of Physiology, 2019, 597, 741-755.	1.3	26
18	Combined effect of high hydrostatic pressure and ultraviolet radiation on quality parameters of refrigerated vacuum-packed tilapia (Oreochromis niloticus) fillets. Scientific Reports, 2018, 8, 9524.	1.6	24

#	Article	IF	Citations
19	Acute effect of dietary nitrate on forearm muscle oxygenation, blood volume and strength in older adults: A randomized clinical trial. PLoS ONE, 2017, 12, e0188893.	1.1	24
20	The Effect of Different Packaging Systems on the Shelf Life of Refrigerated Ground Beef. Foods, 2020, 9, 495.	1.9	23
21	Combined effect of oxygen-scavenger packaging and UV-C radiation on shelf life of refrigerated tilapia (Oreochromis niloticus) fillets. Scientific Reports, 2020, 10, 4243.	1.6	22
22	Near-infrared spectroscopy-derived total haemoglobin as an indicator of changes in muscle blood flow during exercise-induced hyperaemia. Journal of Sports Sciences, 2020, 38, 751-758.	1.0	22
23	Simultaneous Determination of Lactulose and Lactose in Conserved Milk by HPLC-RID. Journal of Chemistry, 2015, 2015, 1-6.	0.9	21
24	Beetroot juice increase nitric oxide metabolites in both men and women regardless of body mass. International Journal of Food Sciences and Nutrition, 2016, 67, 40-46.	1.3	21
25	Beetroot-based gel supplementation improves handgrip strength and forearm muscle O₂ saturation but not exercise tolerance and blood volume in jiu-jitsu athletes. Applied Physiology, Nutrition and Metabolism, 2018, 43, 920-927.	0.9	20
26	Acute effect of fish protein hydrolysate supplementation on vascular function in healthy individuals. Journal of Functional Foods, 2018, 46, 250-255.	1.6	19
27	A Single Dose of Beetroot Gel Rich in Nitrate Does Not Improve Performance but Lowers Blood Glucose in Physically Active Individuals. Journal of Nutrition and Metabolism, 2017, 2017, 1-9.	0.7	18
28	The association between nearâ€infrared spectroscopy assessment of microvascular reactivity and flowâ€mediated dilation is disrupted in individuals at high risk for cardiovascular disease. Microcirculation, 2019, 26, e12556.	1.0	18
29	Food-derived polyphenol compounds and cardiovascular health: A nano-technological perspective. Food Bioscience, 2021, 41, 101033.	2.0	18
30	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
31	The effects of aging and cardiovascular risk factors on microvascular function assessed by near-infrared spectroscopy. Microvascular Research, 2019, 126, 103911.	1.1	16
32	The effects of the analysis strategy on the correlation between the NIRS reperfusion measures and the FMD response. Microvascular Research, 2020, 127, 103922.	1.1	15
33	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. Biology of Sport, 2020, 37, 93-99.	1.7	14
34	Covid-19 Quarantine: Impact of Lifestyle Behaviors Changes on Endothelial Function and Possible Protective Effect of Beetroot Juice. Frontiers in Nutrition, 2020, 7, 582210.	1.6	13
35	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
36	Effect of dietary nitrate ingestion on muscular performance: a systematic review and meta-analysis of randomized controlled trials. Critical Reviews in Food Science and Nutrition, 2022, 62, 5284-5306.	5.4	12

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37	Is flow-mediated dilatation associated with near-infrared spectroscopy-derived magnitude of muscle O2 desaturation in healthy young and individuals at risk for cardiovascular disease?. Microvascular Research, 2020, 129, 103967.	1.1	11
38	Hormonal response to L-arginine supplementation in physically active individuals. Food and Nutrition Research, 2014, 58, 22569.	1.2	10
39	Effects of fish protein hydrolysate ingestion on endothelial function compared to whey protein hydrolysate in humans. International Journal of Food Sciences and Nutrition, 2020, 71, 242-248.	1.3	9
40	Effects of fish protein hydrolysate ingestion on postexercise aminoacidemia compared with whey protein hydrolysate in young individuals. Journal of Food Science, 2020, 85, 21-27.	1.5	9
41	Flow-Mediated Dilation in Healthy Young Individuals Is Impaired after a Single Resistance Exercise Session. International Journal of Environmental Research and Public Health, 2020, 17, 5194.	1.2	8
42	Current Evidence of Watermelon (Citrullus lanatus) Ingestion on Vascular Health: A Food Science and Technology Perspective. Nutrients, 2022, 14, 2913.	1.7	8
43	Near-infrared spectroscopy-derived muscle oxygen saturation during exercise recovery and flow-mediated dilation are impaired in HIV-infected patients. Microvascular Research, 2020, 130, 104004.	1.1	7
44	Caffeine and Creatine Content of Dietary Supplements Consumed by Brazilian Soccer Players. International Journal of Sport Nutrition and Exercise Metabolism, 2016, 26, 323-329.	1.0	6
45	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. British Journal of Nutrition, 2020, 124, 1277-1284.	1.2	6
46	Fish protein hydrolysate supplementation improves vascular reactivity in individuals at high risk factors for cardiovascular disease: A pilot study. PharmaNutrition, 2020, 12, 100186.	0.8	6
47	Acute supplementation with beetroot juice improves endothelial function in HIV-infected individuals. Applied Physiology, Nutrition and Metabolism, 2021, 46, 213-220.	0.9	6
48	Differential vasomotor responses to isocapnic hyperoxia: cerebral versus peripheral circulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R182-R187.	0.9	5
49	Acute application of a transdermal nitroglycerin patch protects against prolonged forearm ischemiaâ€induced microvascular dysfunction. Microcirculation, 2020, 27, e12599.	1.0	5
50	Turmeric root extract supplementation improves pre-frontal cortex oxygenation and blood volume in older males and females: a randomised cross-over, placebo-controlled study. International Journal of Food Sciences and Nutrition, 2021, , 1-10.	1.3	5
51	Impact of microencapsulated watermelon (Citrullus lanatus) and beetroot (Beta vulgaris L) on storage stability of l-citrulline and dietary nitrate. Journal of Food Science and Technology, 2021, 58, 4730-4737.	1.4	5
52	Efeitos da suplementaÃ§Ã£o de b-hidroxi-b-metilbutirato sobre a forÃ§a e a hipertrofia. Revista De Nutricao, 2008, 21, 49-61.	0.4	4
53	Reactive oxygen species play a modulatory role in the hyperventilatory response to poikilocapnic hyperoxia in humans. Journal of Physiology, 2021, 599, 3993-4007.	1.3	4
54	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. European Journal of Nutrition, 2022, , 1.	1.8	4

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55	ApresentaÃ§Ã£o de temas livres em eventos cientÃficos de ciÃªncias e medicina do esporte e publicaÃ§Ã£o em periÃ³dicos indexados. Revista Brasileira De Cineantropometria E Desempenho Humano, 2008, 10, 50.	0.5	3
56	Modified Atmosphere Packaging and UV-C Radiation on Shelf Life of Rainbow Trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	3
57	The impact of beetroot juice intake on muscle oxygenation and performance during rhythmic handgrip exercise. PharmaNutrition, 2020, 14, 100215.	0.8	3
58	Suitability of the muscle O2 resaturation parameters most used for assessing reactive hyperemia: a near-infrared spectroscopy study. Jornal Vascular Brasileiro, 2021, 20, e20200143.	0.1	3
59	Combined Effect of Modified Atmosphere Package and Short-Wave Ultraviolet Does Not Affect Proteus mirabilis Growth on Rainbow Trout Fillets (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.1	2
60	A perspective on the use of polyphenols nano-formulation as a nutritional strategy to manage the symptoms of the infected patient with COVID-19. Research, Society and Development, 2021, 10, e400101321471.	0.0	2
61	Effect of microencapsulated watermelon (Citrullus lanatus) intake on plasma amino acids and glycemic response in healthy adults. Food Bioscience, 2022, 46, 101553.	2.0	2
62	Highâ€glucose mixed meals impair microvascular function: the attenuating effect of exercise. Journal of Physiology, 2021, 599, 11-12.	1.3	1
63	Evaluation of total polyphenols content and antioxidant capacity of different commercial cocoa diferentes pÃ³s comerciais de cacau (theobroma cacao). Brazilian Journal of Development, 2021, 7, 39100-39109.	0.0	1
64	Effect of high-nitrate beetroot juice consumption on thyroid gland hormones and iodine levels in adults. Food Bioscience, 2021, 40, 100869.	2.0	1
65	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
66	A high single oral dose of turmeric extract (Curcuma longa L.) does not improve skeletal muscle microvascular reactivity in older subjects. Pharmacological Research Modern Chinese Medicine, 2022, 2, 100025.	0.5	1
67	The influence of cardiovascular risk factors on near-infrared spectroscopy-derived muscle oxygen saturation during exercise recovery in older adults. Sport Sciences for Health, 0, , 1.	0.4	1
68	Development of a microencapsulated cocoa (Theobroma cacao) - based product and evaluation of total phenolic compounds and antioxidant capacity. Research, Society and Development, 2022, 11, e2011931140.	0.0	1
69	Capsaicin supplementation did not increase skeletal muscle oxygen saturation and muscular endurance during resistance exercise: a randomized and crossover study. Sport Sciences for Health, 0, , .	0.4	1
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	STORAGE STABILITY OF L-CITRULLINE IN CUCUMBER (CUCUMIS SATIVUS) AND WATERMELON (CITRULLUS) Tj ETQq1 1 0.784314 rgBT	0.0	0
72	L-arginine Supplementation Increases Muscle Blood Volume During Recovery After Sets Of Resistance Exercise. Medicine and Science in Sports and Exercise, 2008, 40, S402.	0.2	0

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73	Beetroot-Based Gel Improves Forearm Reoxygenation and Strength after Exercise in Elderly with Cardiovascular Risk Factors.. Medicine and Science in Sports and Exercise, 2017, 49, 936.	0.2	0
74	Cerebral Hypoperfusion and Metabolic Regulation during Isocapnic Hyperoxia: The Role of Reactive Oxygen Species. FASEB Journal, 2018, 32, 922.3.	0.2	0
75	Effect of Microencapsulated Watermelon (<i>Citrullus lanatus</i>) Intake on Plasma Amino Acids and Glycemic Response in Healthy Adults. SSRN Electronic Journal, 0, , .	0.4	0
76	Is Hyperoxic Hyperventilation Caused by Reduced Carbon Dioxide Washout or Disturbed Brain Redox Homeostasis?. FASEB Journal, 2020, 34, 1-1.	0.2	0