Vinicius Fernandes Cruzat

List of Publications by Year
in descending order

44 papers	3,385 citations	249298 26 h-index	325983 40 g-index
46 all docs	46 docs citations	46 times ranked	5638 citing authors

#	Article	IF	Citations
1	Metabolic Adaptions/Reprogramming in Islet Beta-Cells in Response to Physiological Stimulatorsâ€"What Are the Consequences. Antioxidants, 2022, 11, 108.	2.2	3
2	4-Aminoquinoline compounds from the Spanish flu to COVID-19. Biomedicine and Pharmacotherapy, 2021, 135, 111138.	2.5	10
3	Renoprotection Induced by Aerobic Training Is Dependent on Nitric Oxide Bioavailability in Obese Zucker Rats. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	1.9	1
4	Vitamin D Supplementation Does Not Impact Resting Metabolic Rate, Body Composition and Strength in Vitamin D Sufficient Physically Active Adults. Nutrients, 2020, 12, 3111.	1.7	7
5	Are Heat Shock Proteins an Important Link between Type 2 Diabetes and Alzheimer Disease?. International Journal of Molecular Sciences, 2020, 21, 8204.	1.8	11
6	Nitric Oxide and Redox State Measurements in Pancreatic Beta Cells. Methods in Molecular Biology, 2020, 2076, 241-253.	0.4	0
7	Effects of vitamin D on primary human skeletal muscle cell proliferation, differentiation, protein synthesis and bioenergetics. Journal of Steroid Biochemistry and Molecular Biology, 2019, 193, 105423.	1.2	35
8	Mechanisms of vitamin D action in skeletal muscle. Nutrition Research Reviews, 2019, 32, 192-204.	2.1	64
9	Oxidative stress pathways in pancreatic Î²-cells and insulin-sensitive cells and tissues: importance to cell metabolism, function, and dysfunction. American Journal of Physiology - Cell Physiology, 2019, 317, C420-C433.	2.1	120
10	Effects of High-Fat Diet on eHSP72 and Extra-to-Intracellular HSP70 Levels in Mice Submitted to Exercise under Exposure to Fine Particulate Matter. Journal of Diabetes Research, 2019, 2019, 1-13.	1.0	22
11	Growth Hormone and Insulin-Like Growth Factor Action in Reproductive Tissues. Frontiers in Endocrinology, 2019, 10, 777.	1.5	96
12	Insulin and IGF-1 receptor autocrine loops are not required for Exendin-4 induced changes to pancreatic Î²-cell bioenergetic parameters and metabolism in BRIN-BD11 cells. Peptides, 2018, 100, 140-149.	1.2	9
13	Glutamine: Metabolism and Immune Function, Supplementation and Clinical Translation. Nutrients, 2018, 10, 1564.	1.7	616
14	Specific ranges of anti-Mullerian hormone and antral follicle count correlate to provide a prognostic indicator for IVF outcome. Reproductive Biology, 2017, 17, 51-59.	0.9	37
15	l-Arginine, Pancreatic Beta Cell Function, and Diabetes: Mechanisms of Stimulated Insulin Release and Pathways of Metabolism. , 2017, , 85-94.		1
16	Molecular mechanisms of ROS production and oxidative stress in diabetes. Biochemical Journal, 2016, 473, 4527-4550.	1.7	617
17	Determination of the anti-inflammatory and cytoprotective effects of <scp>l</scp>-glutamine and <scp>l</scp>-alanine, or dipeptide, supplementation in rats submitted to resistance exercise. British Journal of Nutrition, 2016, 116, 470-479.	1.2	63
18	<scp>l</scp>-glutamine and <scp>l</scp>-alanine supplementation increase glutamine-glutathione axis and muscle HSP-27 in rats trained using a progressive high-intensity resistance exercise. Applied Physiology, Nutrition and Metabolism, 2016, 41, 842-849.	0.9	26

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19	Physiological regulation of the heat shock response by glutamine: implications for chronic low-grade inflammatory diseases in age-related conditions. Nutrire, 2016, 41, .	0.3	27
20	Melatonin modifies basal and stimulated insulin secretion via NADPH oxidase. Journal of Endocrinology, 2016, 231, 235-244.	1.2	16
21	Regulatory principles in metabolismâ€“then and now. Biochemical Journal, 2016, 473, 1845-1857.	1.7	66
22	Pigment epithelium-derived factor (PEDF) regulates metabolism and insulin secretion from a clonal rat pancreatic beta cell line BRIN-BD11 and mouse islets. Molecular and Cellular Endocrinology, 2016, 426, 50-60.	1.6	12
23	Regulation of SIRT1 in aging: Roles in mitochondrial function and biogenesis. Mechanisms of Ageing and Development, 2016, 155, 10-21.	2.2	212
24	The impact of cryopreservation on human peripheral blood leucocyte bioenergetics. Clinical Science, 2015, 128, 723-733.	1.8	40
25	The effect of cigarette smoking, alcohol consumption and fruit and vegetable consumption on IVF outcomes: a review and presentation of original data. Reproductive Biology and Endocrinology, 2015, 13, 134.	1.4	61
26	L-glutamine And L-alanine attenuate oxidative stress In Rats Submitted To Heavy Resistance Training. Medicine and Science in Sports and Exercise, 2015, 47, 126.	0.2	0
27	Molecular Events Linking Oxidative Stress and Inflammation to Insulin Resistance andÎ²-Cell Dysfunction. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-15.	1.9	261
28	L-glutamine Supplementations Enhance Liver Glutamine-Glutathione Axis and Heat Shock Factor-1 Expression in Endurance-Exercise Trained Rats. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 188-197.	1.0	31
29	Alanyl-glutamine improves pancreatic Î²-cell function following ex vivo inflammatory challenge. Journal of Endocrinology, 2015, 224, 261-271.	1.2	44
30	Nutrient regulation of insulin secretion and action. Journal of Endocrinology, 2014, 221, R105-R120.	1.2	170
31	Mechanisms of PEDF-mediated protection against reactive oxygen species damage in diabetic retinopathy and neuropathy. Journal of Endocrinology, 2014, 222, R129-R139.	1.2	43
32	Amino acid supplementation and impact on immune function in the context of exercise. Journal of the International Society of Sports Nutrition, 2014, 11, 61.	1.7	106
33	Oral supplementations with free and dipeptide forms of l-glutamine in endotoxemic mice: effects on muscle glutamine-glutathione axis and heat shock proteins. Journal of Nutritional Biochemistry, 2014, 25, 345-352.	1.9	60
34	Oral free and dipeptide forms of glutamine supplementation attenuate oxidative stress and inflammation induced by endotoxemia. Nutrition, 2014, 30, 602-611.	1.1	74
35	Alanyl-glutamine and glutamine plus alanine supplements improve skeletal redox status in trained rats: Involvement of heat shock protein pathways. Life Sciences, 2014, 94, 130-136.	2.0	47
36	L-glutamine And L-alanine Improves Glutamine Stores In Rats Submitted To Heavy Resistance Training. Medicine and Science in Sports and Exercise, 2014, 46, 33.	0.2	6

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37	SuplementaÃ§Ãµes nutricionais e estresse oxidativo: implicaÃ§Ãµes na atividade fÃsica e no esporte. Revista Brasileira De Ciencias Do Esporte, 2013, 35, 1071-1092.	0.4	4
38	Oral Supplementation With Alanyl-glutamine Or Glutamine Prevents Muscle Damage And Oxidative Stress In Trained Rats. Medicine and Science in Sports and Exercise, 2010, 42, 792.	0.2	0
39	Effects of supplementation with free glutamine and the dipeptide alanylâ€glutamine on parameters of muscle damage and inflammation in rats submitted to prolonged exercise. Cell Biochemistry and Function, 2010, 28, 24-30.	1.4	71
40	Glutamina: aspectos bioquÃmicos, metabÃ³licos, moleculares e suplementaÃ§Ã£o. Revista Brasileira De Medicina Do Esporte, 2009, 15, 392-397.	0.1	17
41	Effects of oral supplementation with glutamine and alanyl-glutamine on glutamine, glutamate, and glutathione status in trained rats and subjected to long-duration exercise. Nutrition, 2009, 25, 428-435.	1.1	58
42	HormÃ´nio do crescimento e exercÃcio fÃsico: consideraÃ§Ãµes atuais. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44, 549-562.	0.5	13
43	Aspectos atuais sobre estresse oxidativo, exercÃcios fÃsicos e suplementaÃ§Ã£o. Revista Brasileira De Medicina Do Esporte, 2007, 13, 336-342.	0.1	51
44	Effects of leucine supplementation on the body composition and protein status of rats submitted to food restriction. Nutrition, 2006, 22, 520-527.	1.1	99