

# Lucas Guimarães-Ferreira

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

778  
citations

687363

13  
h-index

526287

27  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1591  
citing authors

#	ARTICLE	IF	CITATIONS
1	HMB supplementation: clinical and athletic performance-related effects and mechanisms of action. <i>Amino Acids</i> , 2011, 40, 1015-1025.	2.7	106
2	Effects of betaine on performance and body composition: a review of recent findings and potential mechanisms. <i>Amino Acids</i> , 2014, 46, 1785-1793.	2.7	103
3	Role of the phosphocreatine system on energetic homeostasis in skeletal and cardiac muscles. <i>Einstein (Sao Paulo, Brazil)</i> , 2014, 12, 126-131.	0.7	81
4	Local Injections of Adipose-Derived Mesenchymal Stem Cells Modulate Inflammation and Increase Angiogenesis Ameliorating the Dystrophic Phenotype in Dystrophin-Deficient Skeletal Muscle. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 363-374.	5.6	78
5	Metabolic and functional effects of beta-hydroxy-beta-methylbutyrate (HMB) supplementation in skeletal muscle. <i>European Journal of Applied Physiology</i> , 2012, 112, 2531-2537.	2.5	53
6	The effect of exercise intensity on cognitive performance during short duration treadmill running. <i>Journal of Human Kinetics</i> , 2016, 51, 27-35.	1.5	44
7	Basic Models Modeling Resistance Training: An Update for Basic Scientists Interested in Study Skeletal Muscle Hypertrophy. <i>Journal of Cellular Physiology</i> , 2014, 229, 1148-1156.	4.1	43
8	Short-term creatine supplementation decreases reactive oxygen species content with no changes in expression and activity of antioxidant enzymes in skeletal muscle. <i>European Journal of Applied Physiology</i> , 2012, 112, 3905-3911.	2.5	42
9	Glutamine Supplementation Stimulates Protein-Synthetic and Inhibits Protein-Degradative Signaling Pathways in Skeletal Muscle of Diabetic Rats. <i>PLoS ONE</i> , 2012, 7, e50390.	2.5	41
10	Dose and Latency Effects of Leucine Supplementation in Modulating Glucose Homeostasis: Opposite Effects in Healthy and Glucocorticoid-Induced Insulin-Resistance States. <i>Nutrients</i> , 2012, 4, 1851-1867.	4.1	21
11	Synergistic effects of resistance training and protein intake: Practical aspects. <i>Nutrition</i> , 2014, 30, 1097-1103.	2.4	20
12	Overload-induced skeletal muscle hypertrophy is not impaired in STZ-diabetic rats. <i>Physiological Reports</i> , 2015, 3, e12457.	1.7	20
13	Blood flow restriction attenuates eccentric exercise-induced muscle damage without perceptual and cardiovascular overload. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 468-476.	1.2	19
14	The acute effects of plyometric and sled towing stimuli with and without caffeine ingestion on vertical jump performance in professional soccer players. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 51.	3.9	14
15	Hypertrophy-Promoting Effects of Leucine Supplementation and Moderate Intensity Aerobic Exercise in Pre-Senescent Mice. <i>Nutrients</i> , 2016, 8, 246.	4.1	11
16	Acute Caffeine Ingestion did not Enhance Punch Performance in Professional Mixed-Martial Arts Athletes. <i>Nutrients</i> , 2019, 11, 1422.	4.1	11
17	The possible role of leucine in modulating glucose homeostasis under distinct catabolic conditions. <i>Medical Hypotheses</i> , 2012, 79, 883-888.	1.5	10
18	Short-term creatine supplementation changes protein metabolism signaling in hindlimb suspension. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8391.	1.5	10

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19	Exercise training reverses the negative effects of chronic L-arginine supplementation on insulin sensitivity. <i>Life Sciences</i> , 2017, 191, 17-23.	4.3	8
20	Effects of beta-hydroxy-beta-methylbutyrate (HMB) on the expression of ubiquitin ligases, protein synthesis pathways and contractile function in extensor digitorum longus (EDL) of fed and fasting rats. <i>Journal of Physiological Sciences</i> , 2018, 68, 165-174.	2.1	5
21	The Effects of Physical Fitness on Postactivation Potentiation in Professional Soccer Athletes. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1643-1647.	2.1	5
22	The Effect of Acute Caffeine Ingestion on Tactical Performance of Professional Soccer Players. <i>Nutrients</i> , 2022, 14, 1466.	4.1	5
23	Skeletal Muscle Physiology. <i>Scientific World Journal</i> , The, 2013, 2013, 1-2.	2.1	4
24	The perception of effort is not a valid tool for establishing the strength-training zone. <i>Journal of Human Sport and Exercise</i> , 2017, 12, .	0.4	4
25	Dietas vegetarianas e desempenho esportivo. <i>Revista De Nutricao</i> , 2006, 19, 469-477.	0.4	3
26	Editorial: Frontiers in skeletal muscle wasting, regeneration and stem cells. <i>Frontiers in Physiology</i> , 2015, 6, 141.	2.8	3
27	An Overview of Betaine Supplementation, Sports Performance, and Body Composition. , 2019, , 691-706.		3
28	Effect of Caffeine Ingestion on Indirect Markers of Exercise-Induced Muscle Damage: A Systematic Review of Human Trials. <i>Nutrients</i> , 2022, 14, 1769.	4.1	3
29	Recomendações gerais de cuidado à saúde e de prática de atividade física vs. pandemia da COVID-19. <i>Revista Brasileira De Fisiologia Do Exercício</i> , 2021, 20, 3-16.	0.1	2
30	Performance Enhancement Drugs and Sports Supplements for Resistance Training. , 2013, , 29-41.		1
31	An Overview on Beta-hydroxy-beta-methylbutyrate (HMB) Supplementation in Skeletal Muscle Function and Sports Performance. , 2013, , 455-463.		1
32	Role of Caffeine in Sports Nutrition. , 2017, , 299-319.		1
33	Strength Training Reduces Fat Accumulation and Improves Blood Lipid Profile Even in the Absence of Skeletal Muscle Hypertrophy in High-Fat Diet-Induced Obese Condition. <i>Journal of Obesity</i> , 2020, 2020, 1-10.	2.7	1
34	Performance-Enhancing Drugs and Sports Supplements for Resistance Training. , 2019, , 31-47.		0
35	An Overview on Beta-Hydroxy-Beta-Methylbutyrate Supplementation in Skeletal Muscle Function and Sports Performance. , 2019, , 665-673.		0
36	O efeito agudo da ingestão de cafeína na habilidade de sprints repetidos em jogadores de futebol. <i>Revista Brasileira De Fisiologia Do Exercício</i> , 2021, 20, 245-256.	0.1	0

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37	Effect of glutamine supplementation and resistive training in signaling pathways of protein synthesis and degradation in rat skeletal muscle. <i>FASEB Journal</i> , 2013, 27, 1b719.	0.5	0
38	Effects Of Exercise Intensity On Rating Of Perceived Exertion During Multiple Sets To Failure In Bench Press. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 688.	0.4	0
39	Prevalência de Sobrepeso e Obesidade em Escolares do Ensino Fundamental do Vitória/ES. <i>Mundo Da Saude</i> , 2019, 43, 061-082.	0.1	0
40	Detraining attenuation during the COVID-19 pandemic: practical considerations for home-based strength and power training. <i>Revista Brasileira De Fisiologia Do Exercício</i> , 2020, 19, 47.	0.1	0
41	RESISTANCE TRAINING PROTOCOLS PROMOTE STRENGTH INCREASE WITHOUT MORPHOLOGICAL CHANGES. <i>Revista Brasileira De Medicina Do Esporte</i> , 2020, 26, 253-257.	0.2	0