

# Alex Castro

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

451  
citations

933447

10  
h-index

752698

20  
g-index

36  
all docs

36  
docs citations

36  
times ranked

807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision exercise medicine: understanding exercise response variability. <i>British Journal of Sports Medicine</i> , 2019, 53, 1141-1153.	6.7	162
2	Augmented Anabolic Responses after 8-wk Cycling with Blood Flow Restriction. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 84-93.	0.4	35
3	Association of skeletal muscle and serum metabolites with maximum power output gains in response to continuous endurance or high-intensity interval training programs: The TIMES study â€” A randomized controlled trial. <i>PLoS ONE</i> , 2019, 14, e0212115.	2.5	31
4	Metabolomics Approach in the Investigation of Metabolic Changes in Obese Men after 24 Weeks of Combined Training. <i>Journal of Proteome Research</i> , 2017, 16, 2151-2159.	3.7	28
5	Phenylalanine and COVID-19: Tracking disease severity markers. <i>International Immunopharmacology</i> , 2021, 101, 108313.	3.8	27
6	Cardiac autonomic and haemodynamic recovery after a single session of aerobic exercise with and without blood flow restriction in older adults. <i>Journal of Sports Sciences</i> , 2017, 35, 2412-2420.	2.0	21
7	Altered metabolomic profiling of overweight and obese adolescents after combined training is associated with reduced insulin resistance. <i>Scientific Reports</i> , 2020, 10, 16880.	3.3	13
8	Utility of electromyographic fatigue threshold during treadmill running. <i>Muscle and Nerve</i> , 2015, 52, 1030-1039.	2.2	12
9	Metabolomics and Exercise: possibilities and perspectives. <i>Motriz Revista De Educacao Fisica</i> , 2017, 23, .	0.2	12
10	Hip muscles strength and activation in older fallers and non-fallers. <i>Isokinetics and Exercise Science</i> , 2014, 22, 191-196.	0.4	11
11	Impacts of high-intensity exercise on the metabolomics profile of human skeletal muscle tissue. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 402-413.	2.9	11
12	Relationship between running intensity, muscle activation, and stride kinematics during an incremental protocol. <i>Science and Sports</i> , 2013, 28, e85-e92.	0.5	10
13	Understanding the Relationship between Intrinsic Cardiorespiratory Fitness and Serum and Skeletal Muscle Metabolomics Profile. <i>Journal of Proteome Research</i> , 2021, 20, 2397-2409.	3.7	10
14	Commentary: Metabolomics-Based Studies Assessing Exercise-Induced Alterations of the Human Metabolome: A Systematic Review. <i>Frontiers in Physiology</i> , 2020, 11, 353.	2.8	9
15	Regulation of Lin28a-miRNA <i>let-7b-5p</i> pathway in skeletal muscle cells by peroxisome proliferator-activated receptor delta. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C541-C551.	4.6	7
16	Lower limb muscle coactivation levels in healthy younger and older adults during functional dual-task gait. <i>Motriz Revista De Educacao Fisica</i> , 2013, 19, 620-626.	0.2	6
17	Ankle brace attenuates the medial-lateral ground reaction force during basketball rebound jump. <i>Revista Brasileira De Medicina Do Esporte</i> , 2017, 23, 232-236.	0.2	6
18	Association between Lysholm score and muscular torque deficit after anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902093348.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Association Between Changes in Serum and Skeletal Muscle Metabolomics Profile With Maximum Power Output Gains in Response to Different Aerobic Training Programs: The Times Study. <i>Frontiers in Physiology</i> , 2021, 12, 756618.	2.8	6
20	Effects of fatigue on the neuromuscular capacity of professional soccer players. <i>Isokinetics and Exercise Science</i> , 2015, 23, 275-282.	0.4	4
21	Strength Training Volume to Increase Muscle Mass Responsiveness in Older Individuals: Weekly Sets Based Approach. <i>Frontiers in Physiology</i> , 2021, 12, 759677.	2.8	4
22	Femoral positioning influences ipsi-and contralateral anterior cruciate ligament rupture following its reconstruction: Systematic review and meta-analysis. <i>World Journal of Orthopedics</i> , 2017, 8, 644.	1.8	4
23	HIIT vs. SIT: What Is the Better to Improve $\dot{V}\dot{E}^{TM}O_2max$ ? A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13120.	2.6	4
24	Variabilidade de parâmetros eletromiográficos e cinemáticos em diferentes condições de marcha em idosos. <i>Motriz Revista De Educacao Fisica</i> , 2013, 19, 141-150.	0.2	3
25	Alternative scapular stabilization exercises to target strength, endurance and function of shoulders in tetraplegia: A prospective non-controlled intervention study. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 65-76.	1.4	3
26	EFFECTS OF WEARING AN ANKLE BRACE ON GROUND REACTION FORCES DURING JUMPS IN BASKETBALL GAME SIMULATION. <i>Revista Brasileira De Medicina Do Esporte</i> , 2021, 27, 218-224.	0.2	2
27	Serum Metabolites Associated With Increased Insulin Resistance And Low Cardiorespiratory Fitness In Overweight Adolescents. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 32, 269-278.	2.6	2
28	Análise do COP e sentido de posição em jogadores universitários de futebol com e sem instabilidade de tornozelo. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2016, 30, 591-599.	0.1	1
29	Ankle brace does not influence strength and functional balance of ankle muscles over an exercise at the intensity of basketball game. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2017, 31, 71.	0.1	1
30	Association of food quality index with subclinical inflammation in middle-aged obese men. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2021, 14, 163-171.	0.5	0
31	Metabolomics responses in saliva after an acute session of high-intensity interval and continuous endurance training. , 0, ,		0
32	Associação entre respostas individuais da composição corporal e pressão arterial sistólica após treinamento aeróbico em idosos hipertensos. , 0, ,		0
33	Influência de um programa de treinamento aeróbico sistematizado sobre a função cognitiva e atenção plena em hipertensos. , 0, ,		0
34	Responsividade da pressão arterial frente a diferentes protocolos de treinamento aeróbico em hipertensos. , 0, ,		0