

Rogrio Soares

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

259
citations

9
h-index

14
g-index

44
ext. papers

348
ext. citations

3.3
avg, IF

3.86
L-index

#	Paper	IF	Citations
35	Reliability of microvascular responsiveness measures derived from near-infrared spectroscopy across a variety of ischemic periods in young and older individuals. <i>Microvascular Research</i> , 2019 , 122, 117-124	3.7	23
34	Changes in vascular responsiveness during a hyperglycemia challenge measured by near-infrared spectroscopy vascular occlusion test. <i>Microvascular Research</i> , 2017 , 111, 67-71	3.7	21
33	The association between near-infrared spectroscopy-derived and flow-mediated dilation assessment of vascular responsiveness in the arm. <i>Microvascular Research</i> , 2019 , 122, 41-44	3.7	21
32	Differences in vascular function between trained and untrained limbs assessed by near-infrared spectroscopy. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2241-2248	3.4	19
31	Near-infrared spectroscopy assessment of microvasculature detects difference in lower limb vascular responsiveness in obese compared to lean individuals. <i>Microvascular Research</i> , 2018 , 118, 31-35	3.7	18
30	The influence of CYP1A2 genotype in the blood pressure response to caffeine ingestion is affected by physical activity status and caffeine consumption level. <i>Vascular Pharmacology</i> , 2018 , 106, 67-73	5.9	16
29	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	2.9	13
28	Near-infrared spectroscopy can detect differences in vascular responsiveness to a hyperglycaemic challenge in individuals with obesity compared to normal-weight individuals. <i>Diabetes and Vascular Disease Research</i> , 2018 , 15, 55-63	3.3	11
27	The effects of aging and cardiovascular risk factors on microvascular function assessed by near-infrared spectroscopy. <i>Microvascular Research</i> , 2019 , 126, 103911	3.7	9
26	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	3.6	9
25	Noninvasive and in vivo assessment of upper and lower limb skeletal muscle oxidative metabolism activity and microvascular responses to glucose ingestion in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 1105-1111	3	9
24	Differences in oxidative metabolism modulation induced by ischemia/reperfusion between trained and untrained individuals assessed by NIRS. <i>Physiological Reports</i> , 2017 , 5, e13384	2.6	8
23	Sympathetically mediated increases in cardiac output, not restraint of peripheral vasodilation, contribute to blood pressure maintenance during hyperinsulinemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H162-H170	5.2	7
22	Effects of a rehabilitation program on microvascular function of CHD patients assessed by near-infrared spectroscopy. <i>Physiological Reports</i> , 2019 , 7, e14145	2.6	7
21	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	3.7	7
20	Oxygen Uptake and Muscle Deoxygenation Kinetics During Skating: Comparison Between Slide-Board and Treadmill Skating. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 783-788	3.5	7
19	Effect of blood flow occlusion on neuromuscular fatigue following sustained maximal isometric contraction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 698-706	3	6

18	Individual cardiovascular responsiveness to work-matched exercise within the moderate- and severe-intensity domains. <i>European Journal of Applied Physiology</i> , 2021 , 121, 2039-2059	3.4	6
17	Metabolic inflexibility in individuals with obesity assessed by near-infrared spectroscopy. <i>Diabetes and Vascular Disease Research</i> , 2017 , 14, 502-509	3.3	5
16	Validation of a Maximal Incremental Skating Test Performed on a Slide Board: Comparison With Treadmill Skating. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 1363-1369	3.5	4
15	Regular Physical Activity Increases the Systolic Blood Pressure Response to Acute Caffeine Ingestion in Nonhabitual Caffeine Consumers. <i>Journal of Caffeine Research</i> , 2017 , 7, 53-58		4
14	Near-infrared spectroscopy detects transient decrements and recovery of microvascular responsiveness following prolonged forearm ischemia. <i>Microvascular Research</i> , 2019 , 125, 103879	3.7	4
13	Rolling massage acutely improves skeletal muscle oxygenation and parameters associated with microvascular reactivity: The first evidence-based study. <i>Microvascular Research</i> , 2020 , 132, 104063	3.7	4
12	Fitness Level- and Sex-related Differences in Macro- and Microvascular Responses during Reactive Hyperemia. <i>Medicine and Science in Sports and Exercise</i> , 2021 ,	1.2	3
11	Hyperinsulinemia blunts sympathetic vasoconstriction: a possible role of βadrenergic activation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R771-R779 ^{3,2}	3.2	3
10	Acute application of a transdermal nitroglycerin patch protects against prolonged forearm ischemia-induced microvascular dysfunction. <i>Microcirculation</i> , 2020 , 27, e12599	2.9	2
9	Acute Photobiomodulation Does Not Influence Specific High-Intensity and Intermittent Performance in Female Futsal Players. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
8	Responders and non-responders to aerobic exercise training: beyond the evaluation of. <i>Physiological Reports</i> , 2021 , 9, e14951	2.6	2
7	Role of the arterial baroreflex in the sympathetic response to hyperinsulinemia in adult humans.. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022 ,	6	2
6	SGLT2 inhibition attenuates arterial dysfunction and decreases vascular F-actin content and expression of proteins associated with oxidative stress in aged mice.. <i>GeroScience</i> , 2022 , 1	8.9	2
5	Mild obesity does not affect the forearm muscle microvascular responses to hyperglycemia. <i>Microcirculation</i> , 2021 , 28, e12669	2.9	1
4	Acute supplementation with beetroot juice improves endothelial function in HIV-infected individuals. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 213-220	3	1
3	Role of the Autonomic Nervous System in the Hemodynamic Response to Hyperinsulinemia-Implications for Obesity and Insulin Resistance.. <i>Current Diabetes Reports</i> , 2022 , 22, 169	5.6	1
2	Young women are protected against leg endothelial dysfunction induced by adoption of a Westernized lifestyle. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
1	Reductions in Microvascular Function can be Detected by Near-infrared Spectroscopy (NIRS) following Ischemia-Reperfusion in Early Postmenopausal Women. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	

