Rogrio Soares

List of Publications by Year in Descending Order

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	Role of the Autonomic Nervous System in the Hemodynamic Response to Hyperinsulinemia-Implications for Obesity and Insulin Resistance.. *Current Diabetes Reports*, **2022**, 22, 169	5.6	1
34	Role of the arterial baroreflex in the sympathetic response to hyperinsulinemia in adult humans.. *American Journal of Physiology - Endocrinology and Metabolism*, **2022**,	6	2
33	SGLT2 inhibition attenuates arterial dysfunction and decreases vascular F-actin content and expression of proteins associated with oxidative stress in aged mice.. *GeroScience*, **2022**, 1	8.9	2
32	Fitness Level- and Sex-related Differences in Macro- and Microvascular Responses during Reactive Hyperemia. *Medicine and Science in Sports and Exercise*, **2021**,	1.2	3
31	Individual cardiovascular responsiveness to work-matched exercise within the moderate- and severe-intensity domains. *European Journal of Applied Physiology*, **2021**, 121, 2039-2059	3.4	6
30	Hyperinsulinemia blunts sympathetic vasoconstriction: a possible role of □adrenergic activation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 320, R771-R779	3.2	3
29	Mild obesity does not affect the forearm muscle microvascular responses to hyperglycemia. *Microcirculation*, **2021**, 28, e12669	2.9	1
28	Acute supplementation with beetroot juice improves endothelial function in HIV-infected individuals. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 213-220	3	1
27	Responders and non-responders to aerobic exercise training: beyond the evaluation of. *Physiological Reports*, **2021**, 9, e14951	2.6	2
26	Sympathetically mediated increases in cardiac output, not restraint of peripheral vasodilation, contribute to blood pressure maintenance during hyperinsulinemia. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H162-H170	5.2	7
25	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	3.6	9
24	Young women are protected against leg endothelial dysfunction induced by adoption of a Westernized lifestyle. *FASEB Journal*, **2020**, 34, 1-1	0.9	
23	Reductions in Microvascular Function can be Detected by Near-infrared Spectroscopy (NIRS) following Ischemia-Reperfusion in Early Postmenopausal Women. *FASEB Journal*, **2020**, 34, 1-1	0.9	
22	Effect of blood flow occlusion on neuromuscular fatigue following sustained maximal isometric contraction. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, 698-706	3	6
21	Acute application of a transdermal nitroglycerin patch protects against prolonged forearm ischemia-induced microvascular dysfunction. *Microcirculation*, **2020**, 27, e12599	2.9	2
20	Acute Photobiomodulation Does Not Influence Specific High-Intensity and Intermittent Performance in Female Futsal Players. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	2
19	Rolling massage acutely improves skeletal muscle oxygenation and parameters associated with microvascular reactivity: The first evidence-based study. *Microvascular Research*, **2020**, 132, 104063	3.7	4

18	The effects of the analysis strategy on the correlation between the NIRS reperfusion measures and the FMD response. *Microvascular Research*, **2020**, 127, 103922	3.7	7
17	The effects of aging and cardiovascular risk factors on microvascular function assessed by near-infrared spectroscopy. *Microvascular Research*, **2019**, 126, 103911	3.7	9
16	The association between near-infrared spectroscopy assessment of microvascular reactivity and flow-mediated dilation is disrupted in individuals at high risk for cardiovascular disease. *Microcirculation*, **2019**, 26, e12556	2.9	13
15	Near-infrared spectroscopy detects transient decrements and recovery of microvascular responsiveness following prolonged forearm ischemia. *Microvascular Research*, **2019**, 125, 103879	3.7	4
14	Effects of a rehabilitation program on microvascular function of CHD patients assessed by near-infrared spectroscopy. *Physiological Reports*, **2019**, 7, e14145	2.6	7
13	Noninvasive and in vivo assessment of upper and lower limb skeletal muscle oxidative metabolism activity and microvascular responses to glucose ingestion in humans. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 1105-1111	3	9
12	The association between near-infrared spectroscopy-derived and flow-mediated dilation assessment of vascular responsiveness in the arm. *Microvascular Research*, **2019**, 122, 41-44	3.7	21
11	Reliability of microvascular responsiveness measures derived from near-infrared spectroscopy across a variety of ischemic periods in young and older individuals. *Microvascular Research*, **2019**, 122, 117-124	3.7	23
10	The influence of CYP1A2 genotype in the blood pressure response to caffeine ingestion is affected by physical activity status and caffeine consumption level. *Vascular Pharmacology*, **2018**, 106, 67-73	5.9	16
9	Near-infrared spectroscopy assessment of microvasculature detects difference in lower limb vascular responsiveness in obese compared to lean individuals. *Microvascular Research*, **2018**, 118, 31-35	3.7	18
8	Near-infrared spectroscopy can detect differences in vascular responsiveness to a hyperglycaemic challenge in individuals with obesity compared to normal-weight individuals. *Diabetes and Vascular Disease Research*, **2018**, 15, 55-63	3.3	11
7	Differences in vascular function between trained and untrained limbs assessed by near-infrared spectroscopy. *European Journal of Applied Physiology*, **2018**, 118, 2241-2248	3.4	19
6	Oxygen Uptake and Muscle Deoxygenation Kinetics During Skating: Comparison Between Slide-Board and Treadmill Skating. *International Journal of Sports Physiology and Performance*, **2018**, 13, 783-788	3.5	7
5	Changes in vascular responsiveness during a hyperglycemia challenge measured by near-infrared spectroscopy vascular occlusion test. *Microvascular Research*, **2017**, 111, 67-71	3.7	21
4	Validation of a Maximal Incremental Skating Test Performed on a Slide Board: Comparison With Treadmill Skating. *International Journal of Sports Physiology and Performance*, **2017**, 12, 1363-1369	3.5	4
3	Regular Physical Activity Increases the Systolic Blood Pressure Response to Acute Caffeine Ingestion in Nonhabitual Caffeine Consumers. *Journal of Caffeine Research*, **2017**, 7, 53-58		4
2	Metabolic inflexibility in individuals with obesity assessed by near-infrared spectroscopy. *Diabetes and Vascular Disease Research*, **2017**, 14, 502-509	3.3	5
1	Differences in oxidative metabolism modulation induced by ischemia/reperfusion between trained and untrained individuals assessed by NIRS. *Physiological Reports*, **2017**, 5, e13384	2.6	8