

Henrique Silva

List of Publications by Year in descending order

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49
papers

351
citations

759190

12
h-index

888047

17
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49
all docs

49
docs citations

49
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular Effects of Caffeic Acid and Its Derivatives: A Comprehensive Review. <i>Frontiers in Physiology</i> , 2020, 11, 595516.	2.8	47
2	Oral supplementation with fish oil reduces dryness and pruritus in the acetone-induced dry skin rat model. <i>Journal of Dermatological Science</i> , 2015, 79, 298-304.	1.9	28
3	Different lasers reveal different skin microcirculatory flowmotion - data from the wavelet transform analysis of human hindlimb perfusion. <i>Scientific Reports</i> , 2019, 9, 16951.	3.3	25
4	The Venoarteriolar Reflex Significantly Reduces Contralateral Perfusion as Part of the Lower Limb Circulatory Homeostasis in vivo. <i>Frontiers in Physiology</i> , 2018, 9, 1123.	2.8	22
5	The Vascular Effects of Isolated Isoflavones – A Focus on the Determinants of Blood Pressure Regulation. <i>Biology</i> , 2021, 10, 49.	2.8	21
6	The Cardiovascular Therapeutic Potential of Propolis – A Comprehensive Review. <i>Biology</i> , 2021, 10, 27.	2.8	20
7	Lower limb massage in humans increases local perfusion and impacts systemic hemodynamics. <i>Journal of Applied Physiology</i> , 2020, 128, 1217-1226.	2.5	19
8	About the <i>in vivo</i> quantitation of skin anisotropy. <i>Skin Research and Technology</i> , 2017, 23, 429-436.	1.6	18
9	Current Knowledge on the Vascular Effects of Menthol. <i>Frontiers in Physiology</i> , 2020, 11, 298.	2.8	16
10	Tobacco Use and Periodontal Disease – The Role of Microvascular Dysfunction. <i>Biology</i> , 2021, 10, 441.	2.8	16
11	Regarding the quantification of peripheral microcirculation – Comparing responses evoked in the in vivo human lower limb by postural changes, suprasystolic occlusion and oxygen breathing. <i>Microvascular Research</i> , 2015, 99, 110-117.	2.5	15
12	Observations on the perfusion recovery of regenerative angiogenesis in an ischemic limb model under hyperoxia. <i>Physiological Reports</i> , 2018, 6, e13736.	1.7	13
13	A Descriptive Overview of the Medical Uses Given to Mentha Aromatic Herbs throughout History. <i>Biology</i> , 2020, 9, 484.	2.8	12
14	The Role of Food Supplementation in Microcirculation – A Comprehensive Review. <i>Biology</i> , 2021, 10, 616.	2.8	11
15	Exploring in vivo models to characterize peripheral microcirculation – a pilot study. <i>Biomedical and Biopharmaceutical Research</i> , 2013, 10, 65-72.	0.0	7
16	Exploring the oxygen challenge test as a microcirculation evaluation model. <i>Biomedical and Biopharmaceutical Research</i> , 2013, 10, 209-215.	0.0	7
17	Combining laser-doppler flowmetry and photoplethysmography to explore in vivo vascular physiology. <i>Biomedical and Biopharmaceutical Research</i> , 2016, 13, 209-217.	0.0	6
18	Comparing the spectral components of laser Doppler flowmetry and photoplethysmography signals for the assessment of the vascular response to hyperoxia. <i>Biomedical and Biopharmaceutical Research</i> , 2017, 14, 187-194.	0.0	6

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19	Comparing the effects of human hind limb massage by analysis of Laser Doppler Flowmetry and Photoplethysmography signal components using the wavelet transform. Biomedical and Biopharmaceutical Research, 2018, 15, 70-81.	0.0	5
20	Texture Analysis is a Useful Tool to Assess the Complexity Profile of Microcirculatory Blood Flow. Applied Sciences (Switzerland), 2020, 10, 911.	2.5	4
21	About the in vivo discriminatory capacity of photoplethysmography versus laser Doppler flowmetry. Biomedical and Biopharmaceutical Research, 2017, 14, 37-43.	0.0	4
22	Oral Glucose Load and Human Cutaneous Microcirculation: An Insight into Flowmotion Assessed by Wavelet Transform. Biology, 2021, 10, 953.	2.8	3
23	Studying the Oscillatory Components of Human Skin Microcirculation. , 2015, , 1-15.		3
24	Exploring the perfusion modifications occurring with massage in the human lower limbs by non-contact polarized spectroscopy. Biomedical and Biopharmaceutical Research, 2018, 15, 196-204.	0.0	3
25	Characterizing Vascular Dysfunction in Genetically Modified Mice through the Hyperoxia Model. International Journal of Molecular Sciences, 2019, 20, 2178.	4.1	2
26	MAternal Mental Health in the WORKplace (MAMH@WORK): A Protocol for Promoting Perinatal Maternal Mental Health and Wellbeing. International Journal of Environmental Research and Public Health, 2021, 18, 2558.	2.6	2
27	Mechanisms of Venoarteriolar Reflex in Type 2 Diabetes with or without Peripheral Neuropathy. Biology, 2021, 10, 333.	2.8	2
28	The wavelet transform as a tool for the characterization of the vascular response in the human lower limb. Biomedical and Biopharmaceutical Research, 2014, 11, 75-80.	0.0	2
29	Exploring human in vivo microcirculation with methyl nicotinate in different perfusion conditions. Biomedical and Biopharmaceutical Research, 2014, 11, 207-214.	0.0	2
30	Impact of the isometric contraction of the calf on the local microcirculation. Biomedical and Biopharmaceutical Research, 2017, 14, 179-186.	0.0	2
31	Studying the impact of different body positioning, squatting, and unipodal flexion on perfusion in the lower limb – an exploratory approach complemented with optical spectroscopy (TiVi). Biomedical and Biopharmaceutical Research, 2020, 17, 1-10.	0.0	2
32	XXXI LIAC Meeting on Vascular Research - Proceedings. Biomedical and Biopharmaceutical Research, 2015, 12, 269-288.	0.0	1
33	Magnetic Resonance Imaging - a powerful tool for Tissue Engineering. An updated review. Biomedical and Biopharmaceutical Research, 2012, 9, 159-165.	0.0	1
34	Assessing the in vivo impact of a gel sanitizer on the epidermal barrier dynamics. Biomedical and Biopharmaceutical Research, 2015, 12, 69-77.	0.0	1
35	Novel 3D –active–representations of skin biomechanics. Biomedical and Biopharmaceutical Research, 2016, 13, 219-227.	0.0	1
36	Studying the Oscillatory Components of Human Skin Microcirculation. , 2017, , 569-582.		1

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37	Texture analysis can be used to improve skin sonography quantification capacities. Biomedical and Biopharmaceutical Research, 2018, 15, 205-213.	0.0	1
38	Wavelet Analysis of Microcirculatory Flowmotion Reveals Cardiovascular Regulatory Mechanismsâ€“Data from a Beta-Blocker. Applied Sciences (Switzerland), 2020, 10, 4000.	2.5	0
39	Rat skin physiology is modified by age. Biomedical and Biopharmaceutical Research, 2012, 9, 199-206.	0.0	0
40	CBiOS Science Sessions - 2013 - Proceedings. Biomedical and Biopharmaceutical Research, 2013, 10, 110-111.	0.0	0
41	Atopic dermatitis-like disease in a rat model. Biomedical and Biopharmaceutical Research, 2013, 10, 217-224.	0.0	0
42	Assessing the impact of the regular use (4 weeks) of an alcohol-based hand sanitizer on TEWL and epidermal hydration. Biomedical and Biopharmaceutical Research, 2015, 12, 243-249.	0.0	0
43	Comparing passive leg raising and suprasystolic ankle occlusion responses to quantify age-related microcirculatory status. Biomedical and Biopharmaceutical Research, 2015, 12, 215-222.	0.0	0
44	Dynamic Quantification of the Human Skin Barrier in Sensitive Skin Syndrome. , 2017, , 83-89.		0
45	Studying the in vivo microcirculatory adaptation to isometric contraction (dorsiflexion) in the human lower limb. Biomedical and Biopharmaceutical Research, 2018, 15, 63-69.	0.0	0
46	Assessing microcirculation dynamics during gait in the lower limb - a preliminary approach. Biomedical and Biopharmaceutical Research, 2018, 15, 189-195.	0.0	0
47	This hyperoxia mouse model using the wavelet transform analysis of flowmotion signals helps to look further into microvascular dysfunction. FASEB Journal, 2019, 33, 525.4.	0.5	0
48	Evidence on microcirculatory dynamics that preserves the equivalent perfusion steady state in both inferior limbs. FASEB Journal, 2019, 33, 521.4.	0.5	0
49	Texture analysis is a useful tool to characterize the cutaneous biomechanical profile. Biomedical and Biopharmaceutical Research, 2019, 16, 188-194.	0.0	0