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List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

130
citations

1478505

6
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Sport-specific influences on respiratory patterns in elite athletes. <i>Jornal Brasileiro De Pneumologia</i> , 2015, 41, 516-522.	0.7	39
2	Assessing hemodynamics from the photoplethysmogram to gain insights into vascular age: a review from VascAgeNet. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H493-H522.	3.2	35
3	Effect of viscosity on the wave propagation: Experimental determination of compression and expansion pulse wave velocity in fluid-fill elastic tube. <i>Journal of Biomechanics</i> , 2015, 48, 3969-3974.	2.1	11
4	The mathematical model of the radial artery blood pressure waveform through monitoring of the age-related changes. <i>Wave Motion</i> , 2015, 56, 14-21.	2.0	11
5	A novel laboratory approach for the demonstration of hemodynamic principles: the arterial blood flow reflection. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2013, 37, 321-326.	1.6	6
6	Wave propagation through a viscous fluid-filled elastic tube under initial pressure: theoretical and biophysical model. <i>European Biophysics Journal</i> , 2022, 51, 365-374.	2.2	6
7	An improved design of optical sensor for long-term measurement of arterial blood flow waveform. <i>Biomedical Microdevices</i> , 2017, 19, 48.	2.8	5
8	Biophysical modeling of wave propagation phenomena: experimental determination of pulse wave velocity in viscous fluid-filled elastic tubes in a gravitation field. <i>European Biophysics Journal</i> , 2019, 48, 407-411.	2.2	5
9	Arterial Blood Flow Sensor. <i>IFMBE Proceedings</i> , 2009, , 1158-1162.	0.3	4
10	A mathematical model of pressure and flow waveforms in the aortic root. <i>European Biophysics Journal</i> , 2017, 46, 41-48.	2.2	4
11	Two types of cardiovascular autonomic regulatory responses to the war. <i>International Journal of Psychophysiology</i> , 2000, 36, 247-250.	1.0	3
12	A novel mathematical approach for blood flow signal analyses. <i>Biological Rhythm Research</i> , 2010, 41, 487-496.	0.9	1
13	Respiratory sinus arrhythmia as a second order system. <i>Biological Rhythm Research</i> , 2006, 37, 265-271.	0.9	0
14	Laboratory model of the cardiovascular system for experimental demonstration of pulse wave propagation. <i>Physics Education</i> , 2017, 52, 025001.	0.5	0
15	The effects of intracerebroventricularly applied ghrelin on thymocytes and thymic architecture in rats of different ages. <i>Archives of Biological Sciences</i> , 2020, 72, 265-270.	0.5	0