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