

J Christopher Bouwmeester

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

179
citations

1307594

7
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	The case for the reservoir-wave approach. <i>International Journal of Cardiology</i> , 2014, 172, 299-306.	1.7	56
2	CrossTalk opposing view: Forward and backward pressure waves in the arterial system do not represent reality. <i>Journal of Physiology</i> , 2013, 591, 1171-1173.	2.9	25
3	Alterations in Aortic Wave Reflection With Vasodilation and Vasoconstriction in Anaesthetized Dogs. <i>Canadian Journal of Cardiology</i> , 2013, 29, 243-253.	1.7	19
4	Wave reflections in the pulmonary arteries analysed with the reservoir-wave model. <i>Journal of Physiology</i> , 2014, 592, 3053-3062.	2.9	16
5	Electrical power to run ventricular assist devices using the Free-range Resonant Electrical Energy Delivery system. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1467-1474.	0.6	16
6	Partitioning pulmonary vascular resistance using the reservoir-wave model. <i>Journal of Applied Physiology</i> , 2013, 115, 1838-1845.	2.5	12
7	The reservoir-wave approach to characterize pulmonary vascular-right ventricular interactions in humans. <i>Journal of Applied Physiology</i> , 2016, 121, 1348-1353.	2.5	7
8	Genesis of the characteristic pulmonary venous pressure waveform as described by the reservoir-wave model. <i>Journal of Physiology</i> , 2014, 592, 3801-3812.	2.9	6
9	Classical electrical and hydraulic Windkessel models validate physiological calculations of Windkessel (reservoir) pressure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 579-585.	1.4	5
10	Quantification of Pulsed Operation of Rotary Left Ventricular Assist Devices with Wave Intensity Analysis. <i>ASAIO Journal</i> , 2019, 65, 324-330.	1.6	5
11	Response to the letter of Mynard and Smolich. <i>International Journal of Cardiology</i> , 2014, 176, 1391.	1.7	4
12	Wave Intensity Analysis of Right Ventricular Function during Pulsed Operation of Rotary Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2019, 65, 465-472.	1.6	4
13	A new teaching model of the systemic circulation that incorporates reservoir characteristics. <i>Artery Research</i> , 2015, 10, 38.	0.6	2
14	Alternative Approaches to the Assessment of the Systemic Circulation and Left Ventricular Performance: A Proof-of-Concept Study. <i>CJC Open</i> , 2019, 1, 84-92.	1.5	2
15	Rebuttal from John V. Tyberg, J. Christopher Bouwmeester, Nigel G. Shrive and Jiun Wang. <i>Journal of Physiology</i> , 2013, 591, 1177-1177.	2.9	0
16	Last Word on Viewpoint: Origin of the forward-going and backward-wave. <i>Journal of Applied Physiology</i> , 2017, 123, 1411-1411.	2.5	0