

Omid Forouzan

List of Publications by Year in descending order

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14
papers

503
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive estimation of pulmonary hemodynamics from 2D-PC MRI with an arterial mechanics method. <i>Journal of Biomechanics</i> , 2021, 129, 110856.	2.1	0
2	Effects of dapagliflozin on congestion assessed by remote pulmonary artery pressure monitoring. <i>ESC Heart Failure</i> , 2020, 7, 2071-2073.	3.1	30
3	Exercise-Induced Changes in Pulmonary Artery Stiffness in Pulmonary Hypertension. <i>Frontiers in Physiology</i> , 2019, 10, 269.	2.8	9
4	A Large Animal Model of Right Ventricular Failure due to Chronic Thromboembolic Pulmonary Hypertension: A Focus on Function. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 5, 189.	2.4	9
5	Pulmonary arterial strain- and remodeling-induced stiffening are differentiated in a chronic model of pulmonary hypertension. <i>Journal of Biomechanics</i> , 2017, 55, 92-98.	2.1	16
6	Non-invasive measurement using cardiovascular magnetic resonance of changes in pulmonary artery stiffness with exercise. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 109.	3.3	39
7	Low Cost Magnetic Resonance Imaging-Compatible Stepper Exercise Device for Use in Cardiac Stress Tests. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2014, 8, 0450021-450028.	0.7	8
8	The unusual symmetric reopening effect induced by pulmonary surfactant. <i>Journal of Applied Physiology</i> , 2014, 116, 635-644.	2.5	7
9	Pulmonary artery relative area change is inversely related to ex vivo measured arterial elastic modulus in the canine model of acute pulmonary embolization. <i>Journal of Biomechanics</i> , 2014, 47, 2904-2910.	2.1	26
10	PDMS well platform for culturing millimeter-size tumor spheroids. <i>Biotechnology Progress</i> , 2013, 29, 1265-1269.	2.6	9
11	Spontaneous oscillations of capillary blood flow in artificial microvascular networks. <i>Microvascular Research</i> , 2012, 84, 123-132.	2.5	50
12	Integrated separation of blood plasma from whole blood for microfluidic paper-based analytical devices. <i>Lab on A Chip</i> , 2012, 12, 274-280.	6.0	240
13	Passive recruitment of circulating leukocytes into capillary sprouts from existing capillaries in a microfluidic system. <i>Lab on A Chip</i> , 2011, 11, 1924.	6.0	21
14	Traffic of leukocytes in microfluidic channels with rectangular and rounded cross-sections. <i>Lab on A Chip</i> , 2011, 11, 3231.	6.0	39