

Angela Lungu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

579
citations

1307594

7
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

1123
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational fluid dynamics modelling in cardiovascular medicine. Heart, 2016, 102, 18-28.	2.9	301
2	Statement on imaging and pulmonary hypertension from the Pulmonary Vascular Research Institute (PVRI). Pulmonary Circulation, 2019, 9, 1-32.	1.7	96
3	Fast Virtual Fractional Flow Reserve Based Upon Steady-State Computational Fluid Dynamics Analysis. JACC Basic To Translational Science, 2017, 2, 434-446.	4.1	68
4	MRI model-based non-invasive differential diagnosis in pulmonary hypertension. Journal of Biomechanics, 2014, 47, 2941-2947.	2.1	37
5	Diagnosis of Pulmonary Hypertension from Magnetic Resonance Imaging-Based Computational Models and Decision Tree Analysis. Pulmonary Circulation, 2016, 6, 181-190.	1.7	32
6	Heart rate reduction with ivabradine promotes shear stress-dependent anti-inflammatory mechanisms in arteries. Thrombosis and Haemostasis, 2016, 116, 181-190.	3.4	20
7	CFD- and Bernoulli-based pressure drop estimates: A comparison using patient anatomies from heart and aortic valve segmentation of CT images. Medical Physics, 2017, 44, 2281-2292.	3.0	20
8	Automatic, Simultaneous, Non-invasive Measurements of Flow and Area in the Human Pulmonary Arteries from MRI Images. IFMBE Proceedings, 2014, , 259-264.	0.3	2
9	Comparison of CFD-Based and Bernoulli-Based Pressure Drop Estimates across the Aortic Valve Enabled by Shape-Constrained Deformable Segmentation of Cardiac CT Images. Lecture Notes in Computer Science, 2014, , 211-219.	1.3	1
10	Improved diagnostic accuracy of MRI in patients with suspected pulmonary hypertension with combined right ventricle and pulmonary artery metrics. , 2015, , .		1
11	Closure Mechanics of Mechanical Heart Valve Prostheses - Experimental and Computational Analysis. IFMBE Proceedings, 2009, , 363-368.	0.3	0
12	Error Analysis in Patient-Specific Blood Flow Modeling of Coronary Artery Disease. , 2019, , .		0
13	Estimation of mPAP with MRI in pulmonary hypertension subgroups: Comparison with echocardiography. , 2015, , .		0
14	Diagnosis of pulmonary hypertension from MR image based computational models of pulmonary vascular haemodynamics and decision tree analysis. , 2015, , .		0
15	Three Element Windkessel Model to Non-Invasively Assess PAH Patients: One Year Follow-up. IFMBE Proceedings, 2017, , 151-154.	0.3	0