

Andrea S Les

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

796
citations

1039880

9
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of Hemodynamics in Abdominal Aortic Aneurysms During Rest and Exercise Using Magnetic Resonance Imaging and Computational Fluid Dynamics. <i>Annals of Biomedical Engineering</i> , 2010, 38, 1288-1313.	1.3	249
2	Allometric scaling of wall shear stress from mice to humans: quantification using cine phase-contrast MRI and computational fluid dynamics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1700-H1708.	1.5	147
3	In Vitro Validation of Finite Element Analysis of Blood Flow in Deformable Models. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1947-1960.	1.3	81
4	Hemodynamic Changes Quantified in Abdominal Aortic Aneurysms with Increasing Exercise Intensity Using MR Exercise Imaging and Image-Based Computational Fluid Dynamics. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2186-2202.	1.3	70
5	Quantification of Particle Residence Time in Abdominal Aortic Aneurysms Using Magnetic Resonance Imaging and Computational Fluid Dynamics. <i>Annals of Biomedical Engineering</i> , 2011, 39, 864-883.	1.3	67
6	3D-printed, externally-implanted, bioresorbable airway splints for severe tracheobronchomalacia. <i>Laryngoscope</i> , 2019, 129, 1763-1771.	1.1	63
7	In Vitro Validation of Finite-Element Model of AAA Hemodynamics Incorporating Realistic Outlet Boundary Conditions. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 041003.	0.6	55
8	Supraceliac and Infrarenal Aortic Flow in Patients with Abdominal Aortic Aneurysms: Mean Flows, Waveforms, and Allometric Scaling Relationships. <i>Cardiovascular Engineering and Technology</i> , 2010, 1, 39-51.	0.7	35
9	Effect of exercise on patient specific abdominal aortic aneurysm flow topology and mixing. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2014, 30, 280-295.	1.0	25
10	Tracheal agenesis: Esophageal airway support with a 3-dimensional-printed bioresorbable splint. <i>JTCVS Techniques</i> , 2021, 10, 563-568.	0.2	4