Andrea S Les

List of Publications by Year
in descending order

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