Colin Caro

List of Publications by Year in descending order

11 papers	1,942 citations	840776 11 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	1522 citing authors

#	Article	IF	Citations
1	The role of oxygen transport in atherosclerosis and vascular disease. Journal of the Royal Society Interface, 2020, 17, 20190732.	3.4	29
2	Suppressing unsteady flow in arterio-venous fistulae. Physics of Fluids, 2017, 29, .	4.0	12
3	The Effect of Arterial Curvature on Blood Flow in Arterio-Venous Fistulae: Realistic Geometries and Pulsatile Flow. Cardiovascular Engineering and Technology, 2017, 8, 313-329.	1.6	15
4	The effect of in-plane arterial curvature on blood flow and oxygen transport in arterio-venous fistulae. Physics of Fluids, 2015, 27, 031903.	4.0	22
5	Microbubble Void Imaging: A Non-invasive Technique for Flow Visualisation and Quantification of Mixing in Large Vessels Using Plane Wave Ultrasound and Controlled Microbubble Contrast Agent Destruction. Ultrasound in Medicine and Biology, 2015, 41, 2926-2937.	1.5	19
6	3D Flow reconstruction using ultrasound PIV. Experiments in Fluids, 2011, 50, 777-785.	2.4	46
7	Discovery of the Role of Wall Shear in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 158-161.	2.4	160
8	Steady inspiratory flow in planar and non–planar models of human bronchial airways. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2002, 458, 791-809.	2.1	13
9	The geometry of unstented and stented pig common carotid artery bypass grafts. Biorheology, 2002, 39, 507-12.	0.4	11
10	Atheroma and arterial wall shear - Observation, correlation and proposal of a shear dependent mass transfer mechanism for atherogenesis. Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character, 1971, 177, 109-133.	1.8	1,042
11	Arterial Wall Shear and Distribution of Early Atheroma in Man. Nature, 1969, 223, 1159-1161.	27.8	573