Yonghui Qiao

List of Publications by Year
in descending order

12 papers	205 citations	1163117 8 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	130 citing authors

#	Article	IF	Citations
1	Numerical simulation of two-phase non-Newtonian blood flow with fluid-structure interaction in aortic dissection. Computer Methods in Biomechanics and Biomedical Engineering, 2019, 22, 620-630.	1.6	55
2	Numerical prediction of thrombosis risk in left atrium under atrial fibrillation. Mathematical Biosciences and Engineering, 2020, 17, 2348-2360.	1.9	27
3	A Primary Computational Fluid Dynamics Study of Pre- and Post-TEVAR With Intentional Left Subclavian Artery Coverage in a Type B Aortic Dissection. Journal of Biomechanical Engineering, 2019, 141, .	1.3	23
4	Biomechanical implications of the fenestration structure after thoracic endovascular aortic repair. Journal of Biomechanics, 2020, 99, 109478.	2.1	20
5	Fluid–structure interaction: Insights into biomechanical implications of endograft after thoracic endovascular aortic repair. Computers in Biology and Medicine, 2021, 138, 104882.	7.0	18
6	Component quantification of aortic blood flow energy loss using computational fluid-structure interaction hemodynamics. Computer Methods and Programs in Biomedicine, 2022, 221, 106826.	4.7	13
7	Hemodynamic consequences of TEVAR with in situ double fenestrations of left carotid artery and left subclavian artery. Medical Engineering and Physics, 2020, 76, 32-39.	1.7	11
8	Effects of in situ fenestration stent-graft of left subclavian artery on the hemodynamics after thoracic endovascular aortic repair. Vascular, 2019, 27, 369-377.	0.9	10
9	An integrated fluid-chemical model toward modeling the thrombus formation in an idealized model of aortic dissection. Computers in Biology and Medicine, 2021, 136, 104709.	7.0	8
10	Mathematical modeling of shear-activated targeted nanoparticle drug delivery for the treatment of aortic diseases. Biomechanics and Modeling in Mechanobiology, 2022, 21, 221-230.	2.8	8
11	Hemodynamic effects of stent-graft introducer sheath during thoracic endovascular aortic repair. Biomechanics and Modeling in Mechanobiology, 2022, 21, 419-431.	2.8	8
12	Computational Prediction of Thrombosis in Food and Drug Administration's Benchmark Nozzle. Frontiers in Physiology, 2022, 13, 867613.	2.8	4