

Nan Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5950727/publications.pdf>

Version: 2024-02-01

7
papers

544
citations

1307594
7
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	CRIMSON: An open-source software framework for cardiovascular integrated modelling and simulation. <i>PLoS Computational Biology</i> , 2021, 17, e1008881.	3.2	42
2	Physics driven real-time blood flow simulations. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 364, 112963.	6.6	12
3	A flexible framework for sequential estimation of model parameters in computational hemodynamics. <i>Advanced Modeling and Simulation in Engineering Sciences</i> , 2020, 7, 48.	1.7	18
4	Effects of age-associated regional changes in aortic stiffness on human hemodynamics revealed by computational modeling. <i>PLoS ONE</i> , 2017, 12, e0173177.	2.5	59
5	On the impact of modelling assumptions in multi-scale, subject-specific models of aortic haemodynamics. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160073.	3.4	92
6	A systematic comparison between 1D and 3D hemodynamics in compliant arterial models. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2014, 30, 204-231.	2.1	225
7	Multi-scale computational model of three-dimensional hemodynamics within a deformable full-body arterial network. <i>Journal of Computational Physics</i> , 2013, 244, 22-40.	3.8	96