

Nan Xiao

List of Publications by Year in descending order

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

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