Sjeng Quicken

List of Publications by Year
in descending order

7 papers	59 citations	1937685 4 h-index	1872680 6 g-index
7 all docs	7 docs citations	7 times ranked	86 citing authors

#	Article	IF	Citations
1	Haemodynamic optimisation of a dialysis graft design using a global optimisation approach. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3423.	2.1	4
2	Computationally guided in-vitro vascular growth model reveals causal link between flow oscillations and disorganized neotissue. Communications Biology, 2021, 4, 546.	4.4	2
3	The Role of One-Dimensional Model-Generated Inter-Subject Variations in Systemic Properties on Wall Shear Stress Indices of Intracranial Aneurysms. IEEE Transactions on Biomedical Engineering, 2020, 67, 1030-1039.	4.2	0
4	Computational study on the haemodynamic and mechanical performance of electrospun polyurethane dialysis grafts. Biomechanics and Modeling in Mechanobiology, 2020, 19, 713-722.	2.8	9
5	Computational Modelling Based Recommendation on Optimal Dialysis Needle Positioning and Dialysis Flow in Patients With Arteriovenous Grafts. European Journal of Vascular and Endovascular Surgery, 2020, 59, 288-294.	1.5	5
6	Uncertainty quantification and sensitivity analysis of an arterial wall mechanics model for evaluation of vascular drug therapies. Biomechanics and Modeling in Mechanobiology, 2018, 17, 55-69.	2.8	13
7	Application of an Adaptive Polynomial Chaos Expansion on Computationally Expensive Three-Dimensional Cardiovascular Models for Uncertainty Quantification and Sensitivity Analysis. Journal of Biomechanical Engineering, 2016, 138, .	1.3	26