

Sjeng Quicken

List of Publications by Year in descending order

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7
papers

59
citations

1937685
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1872680
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all docs

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docs citations

7
times ranked

86
citing authors

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