

Hongtao Yu

List of Publications by Year in descending order

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papers

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docs citations

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117
citing authors

#	ARTICLE	IF	CITATIONS
1	An In-Vitro Flow Study Using an Artificial Circle of Willis Model for Validation of an Existing One-Dimensional Numerical Model. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1023-1037.	2.5	15
2	1D simulation of blood flow characteristics in the circle of Willis using THINKS. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018, 21, 389-397.	1.6	14
3	A multiscale computational modeling for cerebral blood flow with aneurysms and/or stenoses. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e3127.	2.1	14
4	Divergence Compensatory Optical Flow Method for Blood Velocimetry. <i>Journal of Biomechanical Engineering</i> , 2017, 139, .	1.3	12
5	Numerical studies of hemodynamic alterations in pre- and post-stenting cerebral aneurysms using a multiscale modeling. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2019, 35, e3256.	2.1	12
6	The Influence of Normal and Early Vascular Aging on Hemodynamic Characteristics in Cardio- and Cerebrovascular Systems. <i>Journal of Biomechanical Engineering</i> , 2016, 138, 061002.	1.3	11
7	Cardiac and renal function interactions in heart failure with reduced ejection fraction: A mathematical modeling analysis. <i>PLoS Computational Biology</i> , 2020, 16, e1008074.	3.2	11
8	Evolving drug regulatory landscape in China: A clinical pharmacology perspective. <i>Clinical and Translational Science</i> , 2021, 14, 1222-1230.	3.1	11
9	Predicted Cardiac Hemodynamic Consequences of the Renal Actions of SGLT2i in the DAPA-HF Study Population: A Mathematical Modeling Analysis. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 636-648.	2.0	9
10	Effect of the Extended Rigid Flapping Trailing Edge Fringe on an S833 Airfoil. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 444.	2.5	4
11	Predicted Cardiac Functional Responses to Renal Actions of SGLT2i in the DAPA-CARD Trial Population: A Mathematical Modeling Analysis. <i>Journal of Clinical Pharmacology</i> , 2022, 62, 541-554.	2.0	2
12	Abstract W P88: THINKS: A Novel Tool for Multiscale CFD Calculations of the Cerebral Vasculature. <i>Stroke</i> , 2015, 46, .	2.0	0