Hongtao Yu

List of Publications by Year
in descending order

12	115	1163065 8	1372553 10
papers	citations	h-index	g-index

12	12	12	117
all docs	docs citations	times ranked	citing authors

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