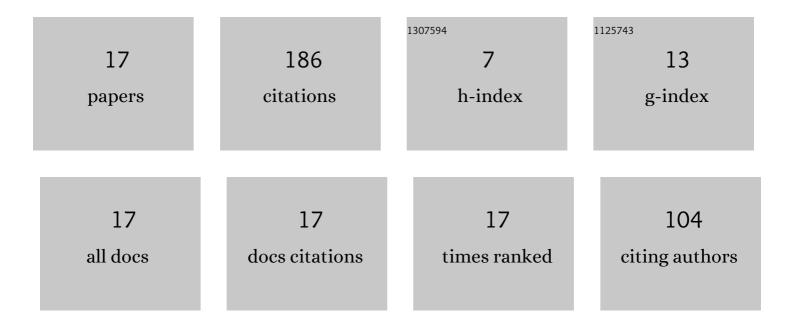
Gaoyang Li

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Prediction of the adsorption properties of liquid at solid surfaces with molecular scale surface roughness via encoding-decoding convolutional neural networks. Journal of Molecular Liquids, 2022, 349, 118489.	4.9	12
2	A machine learning strategy for fast prediction of cardiac function based on peripheral pulse wave. Computer Methods and Programs in Biomedicine, 2022, 216, 106664.	4.7	9
3	Liquid-vapor two-phase flow in centrifugal pump: Cavitation, mass transfer, and impeller structure optimization. Vacuum, 2022, 201, 111102.	3.5	17
4	Insight into asphaltene transformation during coal tar hydrotreatment by conventional analysis and high-resolution Fourier transform mass spectrometry coupled with collision-induced dissociation technology. Journal of the Energy Institute, 2022, 103, 17-32.	5.3	3
5	Prediction of 3D Cardiovascular hemodynamics before and after coronary artery bypass surgery via deep learning. Communications Biology, 2021, 4, 99.	4.4	45
6	Research on the Method of Predicting Fractional Flow Reserve Based on Multiple Independent Risk Factors. Frontiers in Physiology, 2021, 12, 716877.	2.8	3
7	Prediction of Cerebral Aneurysm Hemodynamics With Porous-Medium Models of Flow-Diverting Stents via Deep Learning. Frontiers in Physiology, 2021, 12, 733444.	2.8	18
8	A patient-specific modelling method of blood circulatory system for the numerical simulation of enhanced external counterpulsation. Journal of Biomechanics, 2020, 111, 110002.	2.1	17
9	Hemodynamic Mechanism of Coronary Artery Aneurysm High Occurrence on Right Coronary Artery. Frontiers in Physiology, 2020, 11, 323.	2.8	10
10	Pulse-Wave-Pattern Classification with a Convolutional Neural Network. Scientific Reports, 2019, 9, 14930.	3.3	26
11	Association of Simultaneously Measured Limbs Blood Pressure Differences with Ankle–Brachial Index. International Journal of Computational Methods, 2019, 16, 1842016.	1.3	1
12	A Computational Modelling of the Mechanical Performance of a Bioabsorbable Stent Undergoing Cyclic Loading. Procedia Structural Integrity, 2019, 15, 67-74.	0.8	5
13	Influence of the Realistic Artery Geometry Parameters on a Coronary Stent Fatigue Life. International Journal of Computational Methods, 2019, 16, 1842006.	1.3	2
14	Pulse pattern classification of atherosclerotic patients based on convolutional neural network. The Proceedings of the JSME Conference on Frontiers in Bioengineering, 2018, 2018.29, 2C11.	0.0	1
15	Research on Arterial Stiffness Status in Type 2 Diabetic Patients Based on Pulse Waveform Characteristics. CMES - Computer Modeling in Engineering and Sciences, 2018, 117, 143-155.	1.1	5
16	Validity of CAVI measurements for diagnosing hypertension in middle-aged and elderly patients and correlations of these measurements with relevant factors. Technology and Health Care, 2017, 25, 125-134.	1.2	2
17	Association of simultaneously measured four-limb blood pressures with cardiovascular function: a cross-sectional study. BioMedical Engineering OnLine, 2016, 15, 147.	2.7	10