

# Jianhang Du

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

129  
citations

1684188

5  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning nanofibers to 1D, 2D, and 3D scaffolds and their biomedical applications. <i>Nano Research</i> , 2022, 15, 787-804.	10.4	42
2	A patient-specific modelling method of blood circulatory system for the numerical simulation of enhanced external counterpulsation. <i>Journal of Biomechanics</i> , 2020, 111, 110002.	2.1	17
3	Hemodynamic effects of enhanced external counterpulsation on cerebral arteries: a multiscale study. <i>BioMedical Engineering OnLine</i> , 2019, 18, 91.	2.7	12
4	The numerical study on specialized treatment strategies of enhanced external counterpulsation for cardiovascular and cerebrovascular disease. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 1959-1971.	2.8	11
5	Long-term hemodynamic mechanism of enhanced external counterpulsation in the treatment of coronary heart disease: a geometric multiscale simulation. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 2417-2433.	2.8	10
6	Hemodynamic Responses in Carotid Bifurcation Induced by Enhanced External Counterpulsation Stimulation in Healthy Controls and Patients With Neurological Disorders. <i>Frontiers in Physiology</i> , 2021, 12, 717080.	2.8	7
7	The Hemodynamic Effect of Enhanced External Counterpulsation Treatment on Atherosclerotic Plaque in the Carotid Artery: A Framework of Patient-Specific Computational Fluid Dynamics Analysis. <i>Cardiology Research and Practice</i> , 2020, 2020, 1-12.	1.1	5
8	Acute Effect of Enhanced External Counterpulsation on the Carotid Hemodynamic Parameters in Patients With High Cardiovascular Risk Factors. <i>Frontiers in Physiology</i> , 2021, 12, 615443.	2.8	5
9	Enhanced External Counterpulsation Treatment May Intervene The Advanced Atherosclerotic Plaque Progression by Inducing The Variations of Mechanical Factors: A 3D FSI Study Based on in vivo Animal Experiment. <i>MCB Molecular and Cellular Biomechanics</i> , 2015, 12, 249-63.	0.7	5
10	A Numerical Model for Simulating the Hemodynamic Effects of Enhanced External Counterpulsation on Coronary Arteries. <i>Frontiers in Physiology</i> , 2021, 12, 656224.	2.8	4
11	Acute Hemodynamic Responses to Enhanced External Counterpulsation in Patients With Coronary Artery Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 721140.	2.4	4
12	Association between calf girth and peripheral artery disease in the Atherosclerosis Risk in Communities Study. <i>Journal of Cardiology</i> , 2020, 76, 273-279.	1.9	3
13	Significant Association of Promoter Hypomethylation with Stroke in a Chinese Population with Primary Hypertension. <i>Annals of Clinical and Laboratory Science</i> , 2019, 49, 112-118.	0.2	3
14	Recovery Responses of Central Hemodynamics in Basketball Athletes and Controls After the Bruce Test. <i>Frontiers in Physiology</i> , 2020, 11, 593277.	2.8	1