

# Lin Qi

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

375  
citations

1039406

9  
h-index

794141

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the accuracy and robustness of carotid-femoral pulse wave velocity measurement using a simplified tube-load model. <i>Scientific Reports</i> , 2022, 12, 5147.	1.6	4
2	Ultrasound Deep Brain Stimulation Modulates Body Temperature in Mice. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1851-1857.	2.7	4
3	A cascaded FC-DenseNet and level set method (FCDL) for fully automatic segmentation of the right ventricle in cardiac MRI. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 561-574.	1.6	5
4	Noncontact Heart Rate Measurement Using a Webcam, Based on Joint Blind Source Separation and a Skin Reflection Model: For a Wide Range of Imaging Conditions. <i>Journal of Sensors</i> , 2021, 2021, 1-18.	0.6	1
5	The Performance of a Spherical-tip Catheter for Stent Post-dilation: Finite Element Analysis and Experiments. <i>Frontiers in Physiology</i> , 2021, 12, 734565.	1.3	1
6	Neuroprotective Effect of Ultrasound Neuromodulation on Kainic Acid- Induced Epilepsy in Mice. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 3006-3016.	1.7	10
7	Determination of aortic pulse transit time based on waveform decomposition of radial pressure wave. <i>Scientific Reports</i> , 2021, 11, 20154.	1.6	0
8	Recovery Responses of Central Hemodynamics in Basketball Athletes and Controls After the Bruce Test. <i>Frontiers in Physiology</i> , 2020, 11, 593277.	1.3	1
9	Noninvasive ultrasound deep brain stimulation of nucleus accumbens induces behavioral avoidance. <i>Science China Life Sciences</i> , 2020, 63, 1328-1336.	2.3	17
10	Cell Lysis Based on an Oscillating Microbubble Array. <i>Micromachines</i> , 2020, 11, 288.	1.4	18
11	Multi-Scale Feature Fusion Convolutional Neural Network for Concurrent Segmentation of Left Ventricle and Myocardium in Cardiac MR Images. <i>Journal of Medical Imaging and Health Informatics</i> , 2020, 10, 1023-1032.	0.2	2
12	Compressed sensing for electrocardiogram acquisition in wireless body sensor network: A comparative analysis. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771986488.	1.3	7
13	Robust heart-rate estimation from facial videos using Project_ICA. <i>Physiological Measurement</i> , 2019, 40, 085007.	1.2	13
14	Estimation of wave reflection in aorta from radial pulse waveform by artificial neural network: a numerical study. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 182, 105064.	2.6	8
15	Research on Non-Contact Monitoring System for Human Physiological Signal and Body Movement. <i>Biosensors</i> , 2019, 9, 58.	2.3	16
16	A review on low-dimensional physics-based models of systemic arteries: application to estimation of central aortic pressure. <i>BioMedical Engineering OnLine</i> , 2019, 18, 41.	1.3	31
17	Simulation and Kinematic Modelling of a Wire-driven Active Interventional Catheter for PCI. , 2019, , .		0
18	Comparison of Contributions between Facial and Neck Muscles for Speech Recognition Using High-Density surface Electromyography. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Conditional Convolution Generative Adversarial Network for Bi-ventricle Segmentation in Cardiac MR Images. , 2019, , .		5
20	Cascaded Conditional Generative Adversarial Networks With Multi-Scale Attention Fusion for Automated Bi-Ventricle Segmentation in Cardiac MRI. IEEE Access, 2019, 7, 172305-172320.	2.6	10
21	Comparison of central hemodynamic parameters for young basketball athletes and control group. Acta Cardiologica, 2018, 73, 558-564.	0.3	3
22	Exploiting chaos-based compressed sensing and cryptographic algorithm for image encryption and compression. Optics and Laser Technology, 2018, 99, 238-248.	2.2	132
23	Evaluation of Cardiorespiratory Function During Cardiopulmonary Exercise Testing in Untreated Hypertensive and Healthy Subjects. Frontiers in Physiology, 2018, 9, 1590.	1.3	2
24	Image Encryption Based on Fully Phase Encoding and Pixel Scrambling in Gyrator Transform Domain. , 2018, , .		0
25	Noninvasive Prediction of Pulmonary Hypertension Based on Finite Element Analysis and Machine Learning. , 2018, , .		0
26	Effects of different durations of aerobic exercise on the cardiovascular health in untrained women: a meta-analysis and meta-regression. Journal of Sports Medicine and Physical Fitness, 2018, 58, 1525-1536.	0.4	8
27	Effects of exercise modalities on central hemodynamics, arterial stiffness and cardiac function in cardiovascular disease: Systematic review and meta-analysis of randomized controlled trials. PLoS ONE, 2018, 13, e0200829.	1.1	46
28	Diastolic Augmentation Index Improves Radial Augmentation Index in Assessing Arterial Stiffness. Scientific Reports, 2017, 7, 5864.	1.6	19
29	Comparison of Regression Analysis and Transfer Function in Estimating the Parameters of Central Pulse Waves from Brachial Pulse Wave. Studies in Health Technology and Informatics, 2017, 245, 573-577.	0.2	1
30	Falling detection of lonely elderly people based on NAO humanoid robot. , 2016, , .		8