

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	Exploiting chaos-based compressed sensing and cryptographic algorithm for image encryption and compression. Optics and Laser Technology, 2018, 99, 238-248.	2.2	132
2	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
3	A review on low-dimensional physics-based models of systemic arteries: application to estimation of central aortic pressure. BioMedical Engineering OnLine, 2019, 18, 41.	1.3	31
4	Diastolic Augmentation Index Improves Radial Augmentation Index in Assessing Arterial Stiffness. Scientific Reports, 2017, 7, 5864.	1.6	19
5	Cell Lysis Based on an Oscillating Microbubble Array. Micromachines, 2020, 11, 288.	1.4	18
6	Noninvasive ultrasound deep brain stimulation of nucleus accumbens induces behavioral avoidance. Science China Life Sciences, 2020, 63, 1328-1336.	2.3	17
7	Research on Non-Contact Monitoring System for Human Physiological Signal and Body Movement. Biosensors, 2019, 9, 58.	2.3	16
8	Robust heart-rate estimation from facial videos using Project_ICA. Physiological Measurement, 2019, 40, 085007.	1.2	13
9	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
10	Neuroprotective Effect of Ultrasound Neuromodulation on Kainic Acid- Induced Epilepsy in Mice. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 3006-3016.	1.7	10
11	Falling detection of lonely elderly people based on NAO humanoid robot. , 2016, , .		8
12	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
13	Estimation of wave reflection in aorta from radial pulse waveform by artificial neural network: a numerical study. Computer Methods and Programs in Biomedicine, 2019, 182, 105064.	2.6	8
14	Compressed sensing for electrocardiogram acquisition in wireless body sensor network: A comparative analysis. International Journal of Distributed Sensor Networks, 2019, 15, 155014771986488.	1.3	7
15	Conditional Convolution Generative Adversarial Network for Bi-ventricle Segmentation in Cardiac MR Images. , 2019, , .		5
16	A cascaded FC-DenseNet and level set method (FCDL) for fully automatic segmentation of the right ventricle in cardiac MRI. Medical and Biological Engineering and Computing, 2021, 59, 561-574.	1.6	5
17	Improving the accuracy and robustness of carotid-femoral pulse wave velocity measurement using a simplified tube-load model. Scientific Reports, 2022, 12, 5147.	1.6	4
18	Ultrasound Deep Brain Stimulation Modulates Body Temperature in Mice. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1851-1857.	2.7	4

#	ARTICLE	IF	CITATIONS
19	Comparison of central hemodynamic parameters for young basketball athletes and control group. Acta Cardiologica, 2018, 73, 558-564.	0.3	3
20	Comparison of Contributions between Facial and Neck Muscles for Speech Recognition Using High-Density surface Electromyography. , 2019, , .		3
21	Evaluation of Cardiorespiratory Function During Cardiopulmonary Exercise Testing in Untreated Hypertensive and Healthy Subjects. Frontiers in Physiology, 2018, 9, 1590.	1.3	2
22	Multi-Scale Feature Fusion Convolutional Neural Network for Concurrent Segmentation of Left Ventricle and Myocardium in Cardiac MR Images. Journal of Medical Imaging and Health Informatics, 2020, 10, 1023-1032.	0.2	2
23	Recovery Responses of Central Hemodynamics in Basketball Athletes and Controls After the Bruce Test. Frontiers in Physiology, 2020, 11, 593277.	1.3	1
24	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. Journal of Sensors, 2021, 2021, 1-18.	0.6	1
25	The Performance of a Spherical-tip Catheter for Stent Post-dilation: Finite Element Analysis and Experiments. Frontiers in Physiology, 2021, 12, 734565.	1.3	1
26	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
27	Image Encryption Based on Fully Phase Encoding and Pixel Scrambling in Gyrator Transform Domain. , 2018, , .		0
28	Noninvasive Prediction of Pulmonary Hypertension Based on Finite Element Analysis and Machine Learning. , 2018, , .		0
29	Simulation and Kinematic Modelling of a Wire-driven Active Interventional Catheter for PCI. , 2019, , .		0
30	Determination of aortic pulse transit time based on waveform decomposition of radial pressure wave. Scientific Reports, 2021, 11, 20154.	1.6	0