Zhangyong Li

List of Publications by Year
in descending order

18 papers	157 citations	1307594 7 h-index	1125743 13 g-index
20 all docs	20 docs citations	20 times ranked	125 citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear dynamics and acoustic emissions of interacting cavitation bubbles in viscoelastic tissues. Ultrasonics Sonochemistry, 2021, 78, 105712.	8.2	30
2	A lightweight method of data encryption in BANs using electrocardiogram signal. Future Generation Computer Systems, 2019, 92, 800-811.	7.5	23
3	Sensitivity Characteristics of Microfiber Fabry-Perot Interferometric Photoacoustic Sensors. Journal of Lightwave Technology, 2019, 37, 4229-4235.	4.6	18
4	Cavitation Dynamics and Inertial Cavitation Threshold of Lipid Coated Microbubbles in Viscoelastic Media with Bubble–Bubble Interactions. Micromachines, 2021, 12, 1125.	2.9	16
5	Technological Requirements and Challenges in Wireless Body Area Networks for Health Monitoring: A Comprehensive Survey. Sensors, 2022, 22, 3539.	3.8	15
6	Network Analysis Reveals the Recognition Mechanism for Dimer Formation of Bulb-type Lectins. Scientific Reports, 2017, 7, 2876.	3.3	14
7	Capsule Design for Blue Light Therapy against Helicobacter pylori. PLoS ONE, 2016, 11, e0147531.	2.5	10
8	Predicting initial nucleation events occurred in a metastable nanodroplet during acoustic droplet vaporization. Ultrasonics Sonochemistry, 2021, 75, 105608.	8.2	7
9	Enhancing cavitation dynamics and its mechanical effects with dual-frequency ultrasound. Physics in Medicine and Biology, 2022, 67, 085017.	3.0	7
10	Ontology-based Precision Vaccinology for Deep Mechanism Understanding and Precision Vaccine Development. Current Pharmaceutical Design, 2021, 27, 900-910.	1.9	5
11	An Improved Real-Time R-Wave Detection Efficient Algorithm in Exercise ECG Signal Analysis. Journal of Healthcare Engineering, 2020, 2020, 1-7.	1.9	4
12	Atypical sulcal pattern in boys with attention-deficit /hyperactivity disorder. Human Brain Mapping, 2021, 42, 4362-4371.	3.6	2
13	Research on Finger Vein Image Segmentation and Blood Sampling Point Location in Automatic Blood Collection. Sensors, 2021, 21, 132.	3.8	2
14	Protocol with self-adaptive GB for BANs. IET Communications, 2018, 12, 1042-1047.	2.2	1
15	Research on Panoramic Stitching Algorithm of Lateral Cranial Sequence Images in Dental Multifunctional Cone Beam Computed Tomography. Sensors, 2021, 21, 2200.	3.8	1
16	Mechanism Research of Platelet Core Marker Prediction and Molecular Recognition in Cardiovascular Events. Combinatorial Chemistry and High Throughput Screening, 2023, 26, 103-115.	1.1	1
17	Measurement system for electrical impedance and EGG. , 2008, , .		0
18	BASED ON FUZZY ANALYTIC HIERARCHY PROCESS TO STUDY STRESS EVALUATION METHOD. , 2016, , .		0