Jiaqi Gong

List of Publications by Year
in descending order

25 papers	419 citations	1477746 6 h-index	1473754 9 g-index
26 all docs	26 docs citations	26 times ranked	543 citing authors

#	Article	IF	Citations
1	Self-Powered Cardiac Monitoring: Maintaining Vigilance With Multi-Modal Harvesting and E-Textiles. IEEE Sensors Journal, 2021, 21, 2263-2276.	2.4	17
2	Enabling Cognitive Pyroelectric Infrared Sensing: From Reconfigurable Signal Conditioning to Sensor Mask Design. IEEE Transactions on Industrial Informatics, 2020, 16, 4436-4446.	7.2	5
3	Leveraging Mobile Sensing to Understand and Develop Intervention Strategies to Improve Medication Adherence. IEEE Pervasive Computing, 2020, 19, 24-36.	1.1	4
4	Validation of a Virtual Reality Buffet environment to assess food selection processes among emerging adults. Appetite, 2020, 153, 104741.	1.8	15
5	Artificial Intelligence in Health Care: Bibliometric Analysis. Journal of Medical Internet Research, 2020, 22, e18228.	2.1	189
6	Developing Computational Models for Personalized ACL Injury Classification. , 2019, , .		3
7	Non-Invasive Inference of Minute Ventilation Using Wearable ECG and Gaussian Process Regression. , 2019, , .		4
8	Poster Abstract: Examining Cross-Validation Strategies for Predictive Modeling of Anterior Cruciate Ligament Reinjury. , 2019, , .		2
9	Understanding the Physiological Significance of Four Inertial Gait Features in Multiple Sclerosis. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 40-46.	3.9	13
10	EHDC: An Energy Harvesting Modeling and Profiling Platform for Body Sensor Networks. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 33-39.	3.9	25
11	HCNN: Heterogeneous Convolutional Neural Networks for Comorbid Risk Prediction with Electronic Health Records. , 2017, , .		19
12	Characterizing and Calibrating Low-Cost Wearable Ozone Sensors in Dynamic Environments. , 2017, , .		3
13	HealthEdge: Task scheduling for edge computing with health emergency and human behavior consideration in smart homes. , 2017, , .		26
14	SCAVM: A self-powered cardiac and activity vigilant monitoring system. , 2017, , .		1
15	BESI: Reliable and Heterogeneous Sensing and Intervention for In-home Health Applications. , 2017, , .		14
16	Eating gestures detection by tracking finger motion. , 2016, , .		6
17	Deepmotion: a deep convolutional neural network on inertial body sensors for gait assessment in multiple sclerosis. , 2016, , .		17
18	Gait tracker shoe for accurate step-by-step determination of gait parameters. , 2016, , .		6

#	Article	IF	Citations
19	Piecewise Linear Dynamical Model for Action Clustering from Real-World Deployments of Inertial Body Sensors. IEEE Transactions on Affective Computing, 2016, 7, 231-242.	5.7	6
20	Causality Analysis of Inertial Body Sensors for Multiple Sclerosis Diagnostic Enhancement. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1273-1280.	3.9	14
21	Profiling, modeling, and predicting energy harvesting for self-powered body sensor platforms. , 2016, , .		6
22	Motion marker discovery from inertial body sensors for enhancing objective assessment of robotic surgical skills. , 2015, , .		0
23	Causal analysis of inertial body sensors for enhancing gait assessment separability towards multiple sclerosis diagnosis. , 2015, , .		15
24	Piecewise Linear Dynamical Model for Actions Clustering from Inertial Body Sensors with Considerations of Human Factors. , 2014, , .		7
25	Reconfigurable differentiall accelerometer platform for inertial body sensor networks. , 2013, , .		0