# Jiaqi Gong

List of Publications by Year
in descending order

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

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Artificial Intelligence in Health Care: Bibliometric Analysis. Journal of Medical Internet Research, 2020, 22, e18228. | 2.1 | 189 |
| 2 | HealthEdge: Task scheduling for edge computing with health emergency and human behavior consideration in smart homes. , 2017, , . | | 26 |
| 3 | 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 |
| 4 | HCNN: Heterogeneous Convolutional Neural Networks for Comorbid Risk Prediction with Electronic Health Records. , 2017, , . | | 19 |
| 5 | Deepmotion: a deep convolutional neural network on inertial body sensors for gait assessment in multiple sclerosis. , 2016, , . | | 17 |
| 6 | Self-Powered Cardiac Monitoring: Maintaining Vigilance With Multi-Modal Harvesting and E-Textiles. IEEE Sensors Journal, 2021, 21, 2263-2276. | 2.4 | 17 |
| 7 | Causal analysis of inertial body sensors for enhancing gait assessment separability towards multiple sclerosis diagnosis. , 2015, , . | | 15 |
| 8 | Validation of a Virtual Reality Buffet environment to assess food selection processes among emerging adults. Appetite, 2020, 153, 104741. | 1.8 | 15 |
| 9 | 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 |
| 10 | BESI: Reliable and Heterogeneous Sensing and Intervention for In-home Health Applications. , 2017, , . | | 14 |
| 11 | 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 |
| 12 | Piecewise Linear Dynamical Model for Actions Clustering from Inertial Body Sensors with Considerations of Human Factors. , 2014, , . | | 7 |
| 13 | Eating gestures detection by tracking finger motion. , 2016, , . | | 6 |
| 14 | Gait tracker shoe for accurate step-by-step determination of gait parameters. , 2016, , . | | 6 |
| 15 | 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 |
| 16 | Profiling, modeling, and predicting energy harvesting for self-powered body sensor platforms. , 2016, , . | | 6 |
| 17 | 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 |
| 18 | Non-Invasive Inference of Minute Ventilation Using Wearable ECG and Gaussian Process Regression. , 2019, , . | | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Leveraging Mobile Sensing to Understand and Develop Intervention Strategies to Improve Medication Adherence. IEEE Pervasive Computing, 2020, 19, 24-36. | 1.1 | 4 |
| 20 | Characterizing and Calibrating Low-Cost Wearable Ozone Sensors in Dynamic Environments. , 2017, , . | | 3 |
| 21 | Developing Computational Models for Personalized ACL Injury Classification. , 2019, , . | | 3 |
| 22 | Poster Abstract: Examining Cross-Validation Strategies for Predictive Modeling of Anterior Cruciate Ligament Reinjury. , 2019, , . | | 2 |
| 23 | SCAVM: A self-powered cardiac and activity vigilant monitoring system. , 2017, , . | | 1 |
| 24 | Reconfigurable differentiall accelerometer platform for inertial body sensor networks. , 2013, , . | | 0 |
| 25 | Motion marker discovery from inertial body sensors for enhancing objective assessment of robotic surgical skills. , 2015, , . | | 0 |