

Sumit Majumder

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,847
citations

840119

11
h-index

1199166

12
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13
all docs

13
docs citations

13
times ranked

2460
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Wearable Sensors for Remote Health Monitoring. <i>Sensors</i> , 2017, 17, 130. | 2.1 | 813 |
| 2 | Smart Homes for Elderly Healthcare—Recent Advances and Research Challenges. <i>Sensors</i> , 2017, 17, 2496. | 2.1 | 379 |
| 3 | Smartphone Sensors for Health Monitoring and Diagnosis. <i>Sensors</i> , 2019, 19, 2164. | 2.1 | 241 |
| 4 | Noncontact Wearable Wireless ECG Systems for Long-Term Monitoring. <i>IEEE Reviews in Biomedical Engineering</i> , 2018, 11, 306-321. | 13.1 | 117 |
| 5 | Monitoring Methods of Human Body Joints: State-of-the-Art and Research Challenges. <i>Sensors</i> , 2019, 19, 2629. | 2.1 | 100 |
| 6 | A Wearable Tele-Health System towards Monitoring COVID-19 and Chronic Diseases. <i>IEEE Reviews in Biomedical Engineering</i> , 2022, 15, 61-84. | 13.1 | 48 |
| 7 | Insole-Based Systems for Health Monitoring: Current Solutions and Research Challenges. <i>Sensors</i> , 2022, 22, 438. | 2.1 | 42 |
| 8 | A Simple, Low-Cost and Efficient Gait Analyzer for Wearable Healthcare Applications. <i>IEEE Sensors Journal</i> , 2019, 19, 2320-2329. | 2.4 | 40 |
| 9 | Wearable IMU-Based System for Real-Time Monitoring of Lower-Limb Joints. <i>IEEE Sensors Journal</i> , 2021, 21, 8267-8275. | 2.4 | 21 |
| 10 | A Simple, Low-Cost Multi-Sensor-Based Smart Wearable Knee Monitoring System. <i>IEEE Sensors Journal</i> , 2021, 21, 8253-8266. | 2.4 | 20 |
| 11 | A Robust Orientation Filter for Wearable Sensing Applications. <i>IEEE Sensors Journal</i> , 2020, 20, 14228-14236. | 2.4 | 18 |
| 12 | Natural Brain-Inspired Intelligence for Screening in Healthcare Applications. <i>IEEE Access</i> , 2021, 9, 67957-67973. | 2.6 | 6 |
| 13 | Random telegraph signal noise in CMOS active pixel sensors. , 2011, , . | | 2 |