

Hee Young Chae

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

210
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

255
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | High-Output Triboelectric Nanogenerator Based on Dual Inductive and Resonance Effects-Controlled Highly Transparent Polyimide for Self-Powered Sensor Network Systems. <i>Advanced Energy Materials</i> , 2019, 9, 1901987. | 19.5 | 73 |
| 2 | Frequency-selective acoustic and haptic smart skin for dual-mode dynamic/static human-machine interface. <i>Science Advances</i> , 2022, 8, eabj9220. | 10.3 | 49 |
| 3 | An Energy-Efficient Multimode Multichannel Gas-Sensor System With Learning-Based Optimization and Self-Calibration Schemes. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 2402-2410. | 7.9 | 23 |
| 4 | A Multi-Functional Physiological Hybrid-Sensing E-Skin Integrated Interface for Wearable IoT Applications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019, 13, 1535-1544. | 4.0 | 19 |
| 5 | A Three-Step Resolution-Reconfigurable Hazardous Multi-Gas Sensor Interface for Wireless Air-Quality Monitoring Applications. <i>Sensors</i> , 2018, 18, 761. | 3.8 | 11 |
| 6 | A Wearable sEMG Pattern-Recognition Integrated Interface Embedding Analog Pseudo-Wavelet Preprocessing. <i>IEEE Access</i> , 2019, 7, 151320-151328. | 4.2 | 10 |
| 7 | A Wide Dynamic Range Multi-Sensor ROIC for Portable Environmental Monitoring Systems With Two-Step Self-Optimization Schemes. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 2432-2443. | 5.4 | 9 |
| 8 | A Wireless ExG Interface for Patch-Type ECG Holter and EMG-Controlled Robot Hand. <i>Sensors</i> , 2017, 17, 1888. | 3.8 | 8 |
| 9 | Magnetic Induction Tomography Using Multi-Channel Phase-Domain Transceiver for Structural Health Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-9. | 4.7 | 6 |
| 10 | A Portable Phase-Domain Magnetic Induction Tomography Transceiver with Phase-Band Auto-Tracking and Frequency-Sweep Capabilities. <i>Sensors</i> , 2018, 18, 3816. | 3.8 | 2 |