

Hee Young Chae

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

210
citations

1307594

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h-index

1372567

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10
all docs

10
docs citations

10
times ranked

255
citing authors

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