

Zheng Hu

List of Publications by Year in descending order

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11
papers

150
citations

1307594

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1372567

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11
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11
docs citations

11
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Hand Sign Recognition System Based on EIT Imaging and Robust CNN Classification. IEEE Sensors Journal, 2022, 22, 1729-1737.	4.7	14
2	Comparative Study of AC Signal Analysis Methods for Impedance Spectroscopy Implementation in Embedded Systems. Applied Sciences (Switzerland), 2022, 12, 591.	2.5	13
3	Self-Calibrated AC Zero Potential Circuit for Two-Dimensional Impedimetric Sensor Matrices. IEEE Sensors Journal, 2022, 22, 6002-6009.	4.7	1
4	Impedance Spectroscopy: Applications, Advances and Future Trends. IEEE Instrumentation and Measurement Magazine, 2022, 25, 11-21.	1.6	16
5	Pendulum-Based River Current Energy Converter for Hydrometric Monitoring Systems. Sensors, 2022, 22, 4246.	3.8	1
6	Piezo-Resistive Pressure and Strain Sensors for Biomedical and Tele-Manipulation Applications. Smart Sensors, Measurement and Instrumentation, 2021, , 47-65.	0.6	8
7	Flexible Impedimetric Electronic Nose for High-Accurate Determination of Individual Volatile Organic Compounds by Tuning the Graphene Sensitive Properties. Chemosensors, 2021, 9, 360.	3.6	13
8	Calibration of an AC Zero Potential Circuit for Two-Dimensional Impedimetric Sensor Matrices. IEEE Sensors Journal, 2020, 20, 5019-5025.	4.7	7
9	High Accuracy and Simultaneous Scanning AC Measurement Approach for Two-Dimensional Resistive Sensor Arrays. IEEE Sensors Journal, 2019, 19, 4623-4628.	4.7	15
10	Flexible piezoresistive sensor matrix based on a carbon nanotube PDMS composite for dynamic pressure distribution measurement. Journal of Sensors and Sensor Systems, 2019, 8, 1-7.	0.9	48
11	Shoe insole with MWCNT-PDMS-composite sensors for pressure monitoring. , 2017, , .		14