

# Zheng Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9053754/publications.pdf>

Version: 2024-02-01

11  
papers

150  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

128  
citing authors

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