

# Xingzhe Zhang

## List of Publications by Year in descending order

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13  
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1040056

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docs citations

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242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Printed Carbon Nanotubes-Based Flexible Resistive Humidity Sensor. IEEE Sensors Journal, 2020, 20, 12592-12601.	4.7	86
2	Laser-Assisted Fabrication of a Highly Sensitive and Flexible Micro Pyramid-Structured Pressure Sensor for E-Skin Applications. IEEE Sensors Journal, 2020, 20, 7605-7613.	4.7	76
3	Development of a Fluorinated Graphene-Based Resistive Humidity Sensor. IEEE Sensors Journal, 2020, 20, 7517-7524.	4.7	37
4	Rapid, highly sensitive, and highly repeatable printed porous paper humidity sensor. Chemical Engineering Journal, 2022, 433, 133751.	12.7	37
5	Screen-Printed Strain Gauge for Micro-Strain Detection Applications. IEEE Sensors Journal, 2020, 20, 12652-12660.	4.7	35
6	Development of a Flexible Tunable and Compact Microstrip Antenna via Laser Assisted Patterning of Copper Film. IEEE Sensors Journal, 2020, 20, 7579-7587.	4.7	35
7	A Polyimide Based Force Sensor Fabricated Using Additive Screen-Printing Process for Flexible Electronics. IEEE Access, 2020, 8, 207813-207821.	4.2	34
8	Flexible M-Tooth Hybrid Micro-Structure-Based Capacitive Pressure Sensor With High Sensitivity and Wide Sensing Range. IEEE Sensors Journal, 2021, 21, 26261-26268.	4.7	25
9	Design, Simulation and Fabrication of A Novel MEMS Based Pulsometer. Proceedings (mdpi), 2018, 2, .	0.2	18
10	Development of a Screen-Printed Flexible Porous Graphite Electrode for Li-Ion Battery. , 2021, , .		13
11	Development of a Zn/MnO <sub>2</sub> Based Flexible Battery. , 2021, , .		8
12	Development of a Novel Wireless Multi-Channel Stethograph System for Monitoring Cardiovascular and Cardiopulmonary Diseases. IEEE Access, 2021, 9, 128951-128964.	4.2	7
13	Digital Signal Processing and Analysis of Cardiopulmonary Audio Using a Multi-Channel Stethograph System. , 2018, , .		3