

# Wen Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6732396/publications.pdf>

Version: 2024-02-01

15  
papers

1,475  
citations

759055

12  
h-index

1199470

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in Materials and Devices of Electronic Skin. , 2022, 4, 577-599.		20
2	Fully transient stretchable fruit-based battery as safe and environmentally friendly power source for wearable electronics. EcoMat, 2021, 3, e12073.	6.8	41
3	Near-hysteresis-free soft tactile electronic skins for wearables and reliable machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25352-25359.	3.3	104
4	Environment-Resilient Graphene Vibrotactile Sensitive Sensors for Machine Intelligence. , 2020, 2, 986-992.		26
5	Ultrafast microwave synthesis of rambutan-like CMK-3/carbon nanotubes nanocomposites for high-performance supercapacitor electrode materials. Scientific Reports, 2020, 10, 6227.	1.6	15
6	Bioinspired Prosthetic Interfaces. Advanced Materials Technologies, 2020, 5, 1900856.	3.0	42
7	Advanced electronic skin devices for healthcare applications. Journal of Materials Chemistry B, 2019, 7, 173-197.	2.9	193
8	Flexible Pressure Sensor With High Sensitivity and Low Hysteresis Based on a Hierarchically Microstructured Electrode. IEEE Electron Device Letters, 2018, 39, 288-291.	2.2	87
9	All Inkjet-Printed Amperometric Multiplexed Biosensors Based on Nanostructured Conductive Hydrogel Electrodes. Nano Letters, 2018, 18, 3322-3327.	4.5	176
10	A Self-Healable, Highly Stretchable, and Solution Processable Conductive Polymer Composite for Ultrasensitive Strain and Pressure Sensing. Advanced Functional Materials, 2018, 28, 1705551.	7.8	387
11	Highly Sensitive, Printable Nanostructured Conductive Polymer Wireless Sensor for Food Spoilage Detection. Nano Letters, 2018, 18, 4570-4575.	4.5	232
12	Fast-Response and Low-Hysteresis Flexible Pressure Sensor Based on Silicon Nanowires. IEEE Electron Device Letters, 2018, 39, 1069-1072.	2.2	43
13	SpiderWalk. , 2018, 2, 1-30.		8
14	Conducting Polymers and Their Applications in Diabetes Management. Sensors, 2016, 16, 1787.	2.1	25
15	ZnO-nanorods/graphene heterostructure: a direct electron transfer glucose biosensor. Scientific Reports, 2016, 6, 32327.	1.6	76