

# Jie Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6444351/publications.pdf>

Version: 2024-02-01

8  
papers

1,828  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

1689  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly sensitive, self-powered triboelectric auditory sensor for social robotics and hearing aids. <i>Science Robotics</i> , 2018, 3, .	17.6	573
2	Eye motion triggered self-powered mechnosensational communication system using triboelectric nanogenerator. <i>Science Advances</i> , 2017, 3, e1700694.	10.3	491
3	Rotation sensing and gesture control of a robot joint via triboelectric quantization sensor. <i>Nano Energy</i> , 2018, 54, 453-460.	16.0	203
4	Boosting output performance of sliding mode triboelectric nanogenerator by charge space-accumulation effect. <i>Nature Communications</i> , 2020, 11, 4277.	12.8	158
5	A highly efficient triboelectric negative air ion generator. <i>Nature Sustainability</i> , 2021, 4, 147-153.	23.7	143
6	Self-Powered Triboelectric Micro Liquid/Gas Flow Sensor for Microfluidics. <i>ACS Nano</i> , 2016, 10, 8104-8112.	14.6	131
7	Flexible triboelectric 3D touch pad with unit subdivision structure for effective XY positioning and pressure sensing. <i>Nano Energy</i> , 2020, 76, 105047.	16.0	69
8	Actuation and sensor integrated self-powered cantilever system based on TENG technology. <i>Nano Energy</i> , 2019, 64, 103920.	16.0	60