

Mayue Shi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

587
citations

10
h-index

21
g-index

21
ext. papers

677
ext. citations

9.6
avg. IF

3.8
L-index

#	Paper	IF	Citations
18	Self-Powered Analogue Smart Skin. <i>ACS Nano</i> , 2016 , 10, 4083-91	16.7	133
17	Single-Step Fluorocarbon Plasma Treatment-Induced Wrinkle Structure for High-Performance Triboelectric Nanogenerator. <i>Small</i> , 2016 , 12, 229-36	11	106
16	High performance triboelectric nanogenerators with aligned carbon nanotubes. <i>Nanoscale</i> , 2016 , 8, 18489-18494	11.7	104
15	Self-powered wireless smart patch for healthcare monitoring. <i>Nano Energy</i> , 2017 , 32, 479-487	17.1	73
14	Self-Powered Noncontact Electronic Skin for Motion Sensing. <i>Advanced Functional Materials</i> , 2018 , 28, 1704641	15.6	63
13	Electrification based devices with encapsulated liquid for energy harvesting, multifunctional sensing, and self-powered visualized detection. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7382-7388	13	36
12	A Flexible and Transparent Graphene-Based Triboelectric Nanogenerator. <i>IEEE Nanotechnology Magazine</i> , 2016 , 15, 435-441	2.6	31
11	Fabric-based self-powered noncontact smart gloves for gesture recognition. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20277-20288	13	27
10	Piezoelectric wind velocity sensor based on the variation of galloping frequency with drag force. <i>Applied Physics Letters</i> , 2020 , 116, 264101	3.4	14
9	A single-electrode wearable triboelectric nanogenerator based on conductive & stretchable fabric 2016 ,		10
8	Ultra-sensitive transparent and stretchable pressure sensor with single electrode 2016 ,		5
7	A comparative review of artificial muscles for microsystem applications. <i>Microsystems and Nanoengineering</i> , 2021 , 7, 95	7.7	4
6	A flexible and wearable generator with fluorocarbon plasma induced wrinkle structure 2016 ,		3
5	Flexible and Stretchable Electronic Skin 2019 , 281-303		2
4	Applications in Internet of Things and Artificial Intelligence 2019 , 359-378		2
3	Nonlinear Wind Energy Harvesting Based on Mechanical Synchronous Switch Harvesting on Inductor 2021 ,		2
2	Energy Harvesting Piezoelectric Wind Speed Sensor. <i>Journal of Physics: Conference Series</i> , 2019 , 1407, 012044	0.3	1

- 1 A Keyboard-Based r-Shaped Triboelectric Generator for Active Noise-Free Recording. *Materials Research Society Symposia Proceedings*, **2015**, 1782, 29-34