

Mayue Shi

List of Publications by Year in descending order

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19
papers

766
citations

933264
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1281743
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all docs

21
docs citations

21
times ranked

1174
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Wind Energy Harvesting Based on Mechanical Synchronous Switch Harvesting on Inductor. , 2021, , .		3
2	A comparative review of artificial muscles for microsystem applications. Microsystems and Nanoengineering, 2021, 7, 95.	3.4	21
3	Piezoelectric wind velocity sensor based on the variation of galloping frequency with drag force. Applied Physics Letters, 2020, 116, .	1.5	26
4	Energy Harvesting Piezoelectric Wind Speed Sensor. Journal of Physics: Conference Series, 2019, 1407, 012044.	0.3	1
5	Self-Powered Noncontact Electronic Skin for Motion Sensing. Advanced Functional Materials, 2018, 28, 1704641.	7.8	83
6	Fabric-based self-powered noncontact smart gloves for gesture recognition. Journal of Materials Chemistry A, 2018, 6, 20277-20288.	5.2	36
7	Self-powered wireless smart patch for healthcare monitoring. Nano Energy, 2017, 32, 479-487.	8.2	90
8	Single-Step Fluorocarbon Plasma Treatment-Induced Wrinkle Structure for High-Performance Triboelectric Nanogenerator. Small, 2016, 12, 229-236.	5.2	134
9	A Flexible and Transparent Graphene-Based Triboelectric Nanogenerator. IEEE Nanotechnology Magazine, 2016, 15, 435-441.	1.1	42
10	Ultra-sensitive transparent and stretchable pressure sensor with single electrode. , 2016, , .		8
11	High performance triboelectric nanogenerators with aligned carbon nanotubes. Nanoscale, 2016, 8, 18489-18494.	2.8	107
12	Self-Powered Analogue Smart Skin. ACS Nano, 2016, 10, 4083-4091.	7.3	153
13	A flexible and wearable generator with fluorocarbon plasma induced wrinkle structure. , 2016, , .		4
14	A single-electrode wearable triboelectric nanogenerator based on conductive & stretchable fabric. , 2016, , .		13
15	A Keyboard-Based r-Shaped Triboelectric Generator for Active Noise-Free Recording. Materials Research Society Symposia Proceedings, 2015, 1782, 29-34.	0.1	0
16	Electrification based devices with encapsulated liquid for energy harvesting, multifunctional sensing, and self-powered visualized detection. Journal of Materials Chemistry A, 2015, 3, 7382-7388.	5.2	39
17	A flexible and transparent graphene based triboelectric nanogenerator. , 2015, , .		1
18	Floor-based large-area triboelectric generator for active security monitoring. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Optical properties of silver nanocrystal synthesized by a new strategies: Experiments supported by DDA calculation. , 2012, , .		0