

The Triboelectric Nanogenerator as an Innovative Tech

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent developments of hybrid piezo-triboelectric nanogenerators for flexible sensors and energy harvesters. <i>Nanoscale Advances</i> , 2021, 3, 5465-5486.	2.2	47
2	A Portable and Flexible Self-Powered Multifunctional Sensor for Real-Time Monitoring in Swimming. <i>Biosensors</i> , 2021, 11, 147.	2.3	22
3	Instantaneous Self-Powered Sensing System Based on Planar-Structured Rotary Triboelectric Nanogenerator. <i>Sensors</i> , 2021, 21, 3741.	2.1	8
4	Smart Table Tennis Racket with Tunable Stiffness for Diverse Play Styles and Unconventional Technique Training. <i>Advanced Materials Technologies</i> , 2021, 6, 2100535.	3.0	7
5	Harvesting ambient mechanical energy by multiple mode triboelectric nanogenerator with charge excitation for self-powered freight train monitoring. <i>Nano Energy</i> , 2021, 90, 106543.	8.2	35
6	Wearable Self-Powered Electrochemical Devices for Continuous Health Management. <i>Advanced Functional Materials</i> , 2021, 31, 2107042.	7.8	58
7	Flexible Ag Microparticle/MXene-Based Film for Energy Harvesting. <i>Nano-Micro Letters</i> , 2021, 13, 201.	14.4	57
8	Self-powered mobile sterilization and infection control system. <i>Nano Energy</i> , 2021, 88, 106313.	8.2	25
9	Growth-Controllable Triboelectric Nanogenerator Based on Surface-Attached Metal-Organic Framework Layer on Living Leaf. <i>Small</i> , 2021, 17, e2103430.	5.2	21
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11	Anti-stress ball energy harvester. <i>Nano Energy</i> , 2021, 90, 106493.	8.2	9
12	Multifunctional and Physically Transient Supercapacitors, Triboelectric Nanogenerators, and Capacitive Sensors. <i>Advanced Functional Materials</i> , 2022, 32, 2106066.	7.8	31
13	A Flexible and Stretchable Self-Powered Nanogenerator in Basketball Passing Technology Monitoring. <i>Electronics (Switzerland)</i> , 2021, 10, 2584.	1.8	9
14	Artificial Intelligence of Things (AIoT) Enabled Floor Monitoring System for Smart Home Applications. <i>ACS Nano</i> , 2021, 15, 18312-18326.	7.3	80
15	Omnidirectional wind energy harvester for self-powered agro-environmental information sensing. <i>Nano Energy</i> , 2022, 91, 106686.	8.2	33
16	Triboelectric nanogenerator and artificial intelligence to promote precision medicine for cancer. <i>Nano Energy</i> , 2022, 92, 106783.	8.2	31
17	Wearable, Breathable and Waterproof Triboelectric Nanogenerators for Harvesting Human Motion and Raindrop Energy. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	30
18	High-voltage output triboelectric nanogenerator with DC/AC optimal combination method. <i>Nano Research</i> , 2022, 15, 3239-3245.	5.8	20

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20	Wearable Triboelectric Sensors Enabled Gait Analysis and Waist Motion Capture for IoT-Based Smart Healthcare Applications. Advanced Science, 2022, 9, e2103694.	5.6	143
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