

Integrated Multilayered Triboelectric Nanogenerator for Energy from Human Motions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Triboelectric nanogenerator as self-powered active sensors for detecting liquid/gaseous water/ethanol. <i>Nano Energy</i> , 2013, 2, 693-701.	8.2	250
2	Power-generating shoe insole based on triboelectric nanogenerators for self-powered consumer electronics. <i>Nano Energy</i> , 2013, 2, 688-692.	8.2	292
3	Harmonic Resonator-Based Triboelectric Nanogenerator as a Sustainable Power Source and a Self-Powered Active Vibration Sensor. <i>Advanced Materials</i> , 2013, 25, 6094-6099.	11.1	672
4	A transparent single-friction-surface triboelectric generator and self-powered touch sensor. <i>Energy and Environmental Science</i> , 2013, 6, 3235.	15.6	367
5	Human Skin Based Triboelectric Nanogenerators for Harvesting Biomechanical Energy and as Self-Powered Active Tactile Sensor System. <i>ACS Nano</i> , 2013, 7, 9213-9222.	7.3	667
6	Triboelectric Nanogenerators as New Energy Technology for Self-Powered Systems and as Active Mechanical and Chemical Sensors. <i>ACS Nano</i> , 2013, 7, 9533-9557.	7.3	2,266
7	Water-Solid Surface Contact Electrification and its Use for Harvesting Liquid Wave Energy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12545-12549.	7.2	384
8	Cylindrical Rotating Triboelectric Nanogenerator. <i>ACS Nano</i> , 2013, 7, 6361-6366.	7.3	249
9	Investigation of power generation based on stacked triboelectric nanogenerator. <i>Nano Energy</i> , 2013, 2, 1164-1171.	8.2	87
10	Harvesting vibration energy by a triple-cantilever based triboelectric nanogenerator. <i>Nano Research</i> , 2013, 6, 880-886.	5.8	209
11	Self-powered flexible printed circuit board with integrated triboelectric generator. <i>Nano Energy</i> , 2013, 2, 1101-1106.	8.2	108
12	Piezoelectric performance enhancement of ZnO flexible nanogenerator by a Cu-ZnO p-n junction formation. <i>Journal of Materials Chemistry C</i> , 2013, 1, 8103.	2.7	67
13	Harvesting Energy from the Natural Vibration of Human Walking. <i>ACS Nano</i> , 2013, 7, 11317-11324.	7.3	448
14	A Wideband Triboelectric Energy Harvester. <i>Journal of Physics: Conference Series</i> , 2013, 476, 012128.	0.3	9
15	Fabrication of an Ultra-Flexible ZnO Nanogenerator for Harvesting Energy from Respiration. <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, P400-P404.	0.9	25
17	A Single-Electrode Based Triboelectric Nanogenerator as Self-Powered Tracking System. <i>Advanced Materials</i> , 2013, 25, 6594-6601.	11.1	299
18	Evaluating Triboelectric Properties of Polymer Films: An Incipient Appliance and Case Studies. <i>Recent Patents on Materials Science</i> , 2014, 7, 64-70.	0.5	1
19	A non-resonant, gravity-induced micro triboelectric harvester to collect kinetic energy from low-frequency jiggling movements of human limbs. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 065010.	1.5	13

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21	Highly Stretchable Piezoelectric-Pyroelectric Hybrid Nanogenerator. <i>Advanced Materials</i> , 2014, 26, 765-769.	11.1	469
22	3D Stack Integrated Triboelectric Nanogenerator for Harvesting Vibration Energy. <i>Advanced Functional Materials</i> , 2014, 24, 4090-4096.	7.8	263
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39	Fiber-Based Wearable Electronics: A Review of Materials, Fabrication, Devices, and Applications. <i>Advanced Materials</i> , 2014, 26, 5310-5336.	11.1	1,689
40	Static Electricity Powered Copper Oxide Nanowire Microbicidal Electroporation for Water Disinfection. <i>Nano Letters</i> , 2014, 14, 5603-5608.	4.5	118
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