

# Toward the blue energy dream by triboelectric nanogenerators

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Progress in electronics and photonics with nanomaterials. <i>Vacuum</i> , 2017, 146, 304-307.	1.6	27
2	Reviving Vibration Energy Harvesting and Self-Powered Sensing by a Triboelectric Nanogenerator. <i>Joule</i> , 2017, 1, 480-521.	11.7	748
3	Natural triboelectric nanogenerator based on soles for harvesting low-frequency walking energy. <i>Nano Energy</i> , 2017, 42, 138-142.	8.2	122
4	Flexible transparent high-voltage diodes for energy management in wearable electronics. <i>Nano Energy</i> , 2017, 40, 289-299.	8.2	41
5	Multifunctional power unit by hybridizing contact-separate triboelectric nanogenerator, electromagnetic generator and solar cell for harvesting blue energy. <i>Nano Energy</i> , 2017, 39, 608-615.	8.2	117
6	Self-powered triboelectric nanogenerator buoy ball for applications ranging from environment monitoring to water wave energy farm. <i>Nano Energy</i> , 2017, 40, 203-213.	8.2	153
7	Self-Powered Electrostatic Filter with Enhanced Photocatalytic Degradation of Formaldehyde Based on Built-in Triboelectric Nanogenerators. <i>ACS Nano</i> , 2017, 11, 12411-12418.	7.3	169
8	Control of electro-chemical processes using energy harvesting materials and devices. <i>Chemical Society Reviews</i> , 2017, 46, 7757-7786.	18.7	135
9	Flexible Organic Tribotronic Transistor for Pressure and Magnetic Sensing. <i>ACS Nano</i> , 2017, 11, 11566-11573.	7.3	74
10	A paper triboelectric nanogenerator for self-powered electronic systems. <i>Nanoscale</i> , 2017, 9, 14499-14505.	2.8	101
12	Hybridized nanogenerator based on honeycomb-like three electrodes for efficient ocean wave energy harvesting. <i>Nano Energy</i> , 2018, 47, 217-223.	8.2	89
13	Nitrogen doping effect on flow-induced voltage generation from graphene-water interface. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	16
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15	Metal-free, flexible triboelectric generator based on MWCNT mesh film and PDMS layers. <i>Applied Surface Science</i> , 2018, 442, 693-699.	3.1	33
16	Hybridized Nanogenerators for Harvesting Vibrational Energy by Triboelectricâ€“Piezoelectricâ€“Electromagnetic Effects. <i>Advanced Materials Technologies</i> , 2018, 3, 1800019.	3.0	35
17	Battery-Free Electronic Smart Toys: A Step toward the Commercialization of Sustainable Triboelectric Nanogenerators. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6110-6116.	3.2	39
18	Highly Adaptive Solidâ€“Liquid Interfacing Triboelectric Nanogenerator for Harvesting Diverse Water Wave Energy. <i>ACS Nano</i> , 2018, 12, 4280-4285.	7.3	156
19	An alginate film-based degradable triboelectric nanogenerator. <i>RSC Advances</i> , 2018, 8, 6719-6726.	1.7	64

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20	Vitrimer Elastomer-Based Jigsaw Puzzle-Like Healable Triboelectric Nanogenerator for Self-Powered Wearable Electronics. <i>Advanced Materials</i> , 2018, 30, e1705918.	11.1	265
21	Towards flexible solid-state supercapacitors for smart and wearable electronics. <i>Chemical Society Reviews</i> , 2018, 47, 2065-2129.	18.7	1,338
22	Wireless Electric Energy Transmission through Various Isolated Solid Media Based on Triboelectric Nanogenerator. <i>Advanced Energy Materials</i> , 2018, 8, 1703086.	10.2	58
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37	Triboelectric electronic-skin based on graphene quantum dots for application in self-powered, smart, artificial fingers. <i>Nano Energy</i> , 2018, 49, 274-282.	8.2	46

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