

# Theoretical systems of triboelectric nanogenerators

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Theory of Tribotronics. <i>Advanced Electronic Materials</i> , 2015, 1, 1500124.	2.6	49
2	Triboelectric Nanogenerator Based on Fully Enclosed Rolling Spherical Structure for Harvesting Low-Frequency Water Wave Energy. <i>Advanced Energy Materials</i> , 2015, 5, 1501467.	10.2	373
3	Coupling of Piezoelectric and Triboelectric Effects: from Theoretical Analysis to Experimental Verification. <i>Advanced Electronic Materials</i> , 2015, 1, 1500187.	2.6	50
4	A universal self-charging system driven by random biomechanical energy for sustainable operation of mobile electronics. <i>Nature Communications</i> , 2015, 6, 8975.	5.8	526
5	Progress in triboelectric nanogenerators as a new energy technology and self-powered sensors. <i>Energy and Environmental Science</i> , 2015, 8, 2250-2282.	15.6	1,723
6	Asymmetrical Triboelectric Nanogenerator with Controllable Direct Electrostatic Discharge. <i>Advanced Functional Materials</i> , 2016, 26, 5524-5533.	7.8	43
7	Extraordinarily Sensitive and Low-Voltage Operational Cloth-Based Electronic Skin for Wearable Sensing and Multifunctional Integration Uses: A Tactile-Induced Insulating-to-Conducting Transition. <i>Advanced Functional Materials</i> , 2016, 26, 1286-1295.	7.8	134
8	Fabrication of stretchable and flexible vertically aligned carbon nanotube film. , 2016, , .		1
9	Theoretical and numerical analysis of triboelectric nanogenerators for self-powered sensors. , 2016, , .		3
10	Nanoporous-Gold-Based Hybrid Cantilevered Actuator Dealloyed and Driven by A Modified Rotary Triboelectric Nanogenerator. <i>Scientific Reports</i> , 2016, 6, 24092.	1.6	19
11	Harvesting Low-Frequency (<5 Hz) Irregular Mechanical Energy: A Possible Killer Application of Triboelectric Nanogenerator. <i>ACS Nano</i> , 2016, 10, 4797-4805.	7.3	606
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17	All-Elastomer-Based Triboelectric Nanogenerator as a Keyboard Cover To Harvest Typing Energy. <i>ACS Nano</i> , 2016, 10, 7973-7981.	7.3	96
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20	Triboelectric Nanogenerator: Lateral Sliding Mode. <i>Green Energy and Technology</i> , 2016, , 49-90.	0.4	20
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