

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	8,351 citations	20 h-index	23 g-index
23 ext. papers	9,845 ext. citations	16.1 avg, IF	6.64 L-index

#	Paper	IF	Citations
22	Flexible triboelectric generator. <i>Nano Energy</i> , <b>2012</b> , 1, 328-334	17.1	3065
21	Progress in triboelectric nanogenerators as a new energy technology and self-powered sensors. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 2250-2282	35.4	1326
20	Nanoscale triboelectric-effect-enabled energy conversion for sustainably powering portable electronics. <i>Nano Letters</i> , <b>2012</b> , 12, 6339-46	11.5	840
19	Toward large-scale energy harvesting by a nanoparticle-enhanced triboelectric nanogenerator. <i>Nano Letters</i> , <b>2013</b> , 13, 847-53	11.5	804
18	Reviving Vibration Energy Harvesting and Self-Powered Sensing by a Triboelectric Nanogenerator. <i>Joule</i> , <b>2017</b> , 1, 480-521	27.8	487
17	Maximum surface charge density for triboelectric nanogenerators achieved by ionized-air injection: methodology and theoretical understanding. <i>Advanced Materials</i> , <b>2014</b> , 26, 6720-8	24	368
16	A self-powered triboelectric nanosensor for mercury ion detection. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 5065-9	16.4	270
15	Cylindrical rotating triboelectric nanogenerator. <i>ACS Nano</i> , <b>2013</b> , 7, 6361-6	16.7	201
14	A theoretical study of grating structured triboelectric nanogenerators. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 2339-2349	35.4	154
13	Natural Leaf Made Triboelectric Nanogenerator for Harvesting Environmental Mechanical Energy. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1703133	21.8	151
12	Dipole-moment-induced effect on contact electrification for triboelectric nanogenerators. <i>Nano Research</i> , <b>2014</b> , 7, 990-997	10	139
11	Case-encapsulated triboelectric nanogenerator for harvesting energy from reciprocating sliding motion. <i>ACS Nano</i> , <b>2014</b> , 8, 3836-42	16.7	119
10	Efficient Charging of Li-Ion Batteries with Pulsed Output Current of Triboelectric Nanogenerators. <i>Advanced Science</i> , <b>2016</b> , 3, 1500255	13.6	98
9	All-Elastomer-Based Triboelectric Nanogenerator as a Keyboard Cover To Harvest Typing Energy. <i>ACS Nano</i> , <b>2016</b> , 10, 7973-81	16.7	72
8	Single-electrode-based rotary triboelectric nanogenerator and its applications as self-powered contact area and eccentric angle sensors. <i>Nano Energy</i> , <b>2015</b> , 11, 323-332	17.1	63
7	Multishelled Si@Cu Microparticles Supported on 3D Cu Current Collectors for Stable and Binder-free Anodes of Lithium-Ion Batteries. <i>ACS Nano</i> , <b>2018</b> , 12, 3587-3599	16.7	56
6	Flexible Timbo-Like Triboelectric Nanogenerator as Self-Powered Force and Bend Sensor for Wireless and Distributed Landslide Monitoring. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1800144	6.8	33

5	Transparent and flexible barcode based on sliding electrification for self-powered identification systems. <i>Nano Energy</i> , <b>2015</b> , 12, 278-286	17.1	32
4	Hybridized Nanogenerators for Harvesting Vibrational Energy by TriboelectricPiezoelectricElectromagnetic Effects. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1800019	6.8	25
3	Triboelectric Nanogenerator: Single-Electrode Mode. <i>Green Energy and Technology</i> , <b>2016</b> , 91-107	0.6	9
2	Theoretical study on the top- and enclosed-contacted single-layer MoS <sub>2</sub> piezotronic transistors. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 181603	3.4	9
1	Magnesium Anodes with Extended Cycling Stability for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806400	15.6	9