

# Hengyu Guo

## List of Publications by Year in descending order

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135  
papers

18,478  
citations

8732

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136  
docs citations

136  
times ranked

8695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triboelectric Nanogenerator: A Foundation of the Energy for the New Era. <i>Advanced Energy Materials</i> , 2019, 9, 1802906.	10.2	1,086
2	Self-powered textile for wearable electronics by hybridizing fiber-shaped nanogenerators, solar cells, and supercapacitors. <i>Science Advances</i> , 2016, 2, e1600097.	4.7	705
3	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
4	A highly sensitive, self-powered triboelectric auditory sensor for social robotics and hearing aids. <i>Science Robotics</i> , 2018, 3, .	9.9	573
5	Networks of Triboelectric Nanogenerators for Harvesting Water Wave Energy: A Potential Approach toward Blue Energy. <i>ACS Nano</i> , 2015, 9, 3324-3331.	7.3	509
6	Eye motion triggered self-powered mechnosensational communication system using triboelectric nanogenerator. <i>Science Advances</i> , 2017, 3, e1700694.	4.7	491
7	Enhancing Performance of Triboelectric Nanogenerator by Filling High Dielectric Nanoparticles into Sponge PDMS Film. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 736-744.	4.0	474
8	Effective energy storage from a triboelectric nanogenerator. <i>Nature Communications</i> , 2016, 7, 10987.	5.8	407
9	Screen-Printed Washable Electronic Textiles as Self-Powered Touch/Gesture Tribo-Sensors for Intelligent Human-Machine Interaction. <i>ACS Nano</i> , 2018, 12, 5190-5196.	7.3	386
10	Integrated charge excitation triboelectric nanogenerator. <i>Nature Communications</i> , 2019, 10, 1426.	5.8	375
11	Single-Thread-Based Wearable and Highly Stretchable Triboelectric Nanogenerators and Their Applications in Cloth-Based Self-Powered Human-Interactive and Biomedical Sensing. <i>Advanced Functional Materials</i> , 2017, 27, 1604462.	7.8	327
12	A Highly Stretchable Fiber-Based Triboelectric Nanogenerator for Self-Powered Wearable Electronics. <i>Advanced Functional Materials</i> , 2017, 27, 1604378.	7.8	296
13	All-in-One Shape-Adaptive Self-Charging Power Package for Wearable Electronics. <i>ACS Nano</i> , 2016, 10, 10580-10588.	7.3	290
14	Largely enhanced triboelectric nanogenerator for efficient harvesting of water wave energy by soft contacted structure. <i>Nano Energy</i> , 2019, 57, 432-439.	8.2	278
15	A highly shape-adaptive, stretchable design based on conductive liquid for energy harvesting and self-powered biomechanical monitoring. <i>Science Advances</i> , 2016, 2, e1501624.	4.7	274
16	Multifunctional TENG for Blue Energy Scavenging and Self-Powered Wind-Speed Sensor. <i>Advanced Energy Materials</i> , 2017, 7, 1602397.	10.2	273
17	Blow-driven triboelectric nanogenerator as an active alcohol breath analyzer. <i>Nano Energy</i> , 2015, 16, 38-46.	8.2	255
18	Triboelectric nanogenerators for sensitive nano-coulomb molecular mass spectrometry. <i>Nature Nanotechnology</i> , 2017, 12, 481-487.	15.6	254

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19	Harvesting Broad Frequency Band Blue Energy by a Triboelectric–Electromagnetic Hybrid Nanogenerator. <i>ACS Nano</i> , 2016, 10, 6526-6534.	7.3	244
20	A Water–Proof Triboelectric–Electromagnetic Hybrid Generator for Energy Harvesting in Harsh Environments. <i>Advanced Energy Materials</i> , 2016, 6, 1501593.	10.2	243
21	Super-robust and frequency-multiplied triboelectric nanogenerator for efficient harvesting water and wind energy. <i>Nano Energy</i> , 2019, 64, 103908.	8.2	239
22	A constant current triboelectric nanogenerator arising from electrostatic breakdown. <i>Science Advances</i> , 2019, 5, eaav6437.	4.7	237
23	3D double-faced interlock fabric triboelectric nanogenerator for bio-motion energy harvesting and as self-powered stretching and 3D tactile sensors. <i>Materials Today</i> , 2020, 32, 84-93.	8.3	226
24	Improving energy conversion efficiency for triboelectric nanogenerator with capacitor structure by maximizing surface charge density. <i>Nanoscale</i> , 2015, 7, 1896-1903.	2.8	222
25	Quantifying contact status and the air-breakdown model of charge-excitation triboelectric nanogenerators to maximize charge density. <i>Nature Communications</i> , 2020, 11, 1599.	5.8	216
26	Triboelectrification–Enabled Self–Powered Detection and Removal of Heavy Metal Ions in Wastewater. <i>Advanced Materials</i> , 2016, 28, 2983-2991.	11.1	204
27	Rotation sensing and gesture control of a robot joint via triboelectric quantization sensor. <i>Nano Energy</i> , 2018, 54, 453-460.	8.2	203
28	Ultralight Cut-Paper-Based Self-Charging Power Unit for Self-Powered Portable Electronic and Medical Systems. <i>ACS Nano</i> , 2017, 11, 4475-4482.	7.3	201
29	Paper-Based Triboelectric Nanogenerators Made of Stretchable Interlocking Kirigami Patterns. <i>ACS Nano</i> , 2016, 10, 4652-4659.	7.3	197
30	All–Plastic–Materials Based Self–Charging Power System Composed of Triboelectric Nanogenerators and Supercapacitors. <i>Advanced Functional Materials</i> , 2016, 26, 1070-1076.	7.8	190
31	High performance floating self-excited sliding triboelectric nanogenerator for micro mechanical energy harvesting. <i>Nature Communications</i> , 2021, 12, 4689.	5.8	186
32	Fully Packaged Blue Energy Harvester by Hybridizing a Rolling Triboelectric Nanogenerator and an Electromagnetic Generator. <i>ACS Nano</i> , 2016, 10, 11369-11376.	7.3	181
33	A Triboelectric Nanogenerator–Based Smart Insole for Multifunctional Gait Monitoring. <i>Advanced Materials Technologies</i> , 2019, 4, 1800360.	3.0	181
34	Three-dimensional ultraflexible triboelectric nanogenerator made by 3D printing. <i>Nano Energy</i> , 2018, 45, 380-389.	8.2	178
35	Airflow-Induced Triboelectric Nanogenerator as a Self-Powered Sensor for Detecting Humidity and Airflow Rate. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 17184-17189.	4.0	176
36	Direct Current Fabric Triboelectric Nanogenerator for Biomotion Energy Harvesting. <i>ACS Nano</i> , 2020, 14, 4585-4594.	7.3	170

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37	Human-Machine Interfacing Enabled by Triboelectric Nanogenerators and Tribotronics. <i>Advanced Materials Technologies</i> , 2019, 4, 1800487.	3.0	169
38	Oblate Spheroidal Triboelectric Nanogenerator for All-Weather Blue Energy Harvesting. <i>Advanced Energy Materials</i> , 2019, 9, 1900801.	10.2	162
39	Ultrahigh Electricity Generation from Low-Frequency Mechanical Energy by Efficient Energy Management. <i>Joule</i> , 2021, 5, 441-455.	11.7	159
40	Boosting output performance of sliding mode triboelectric nanogenerator by charge space-accumulation effect. <i>Nature Communications</i> , 2020, 11, 4277.	5.8	158
41	Switched-capacitor-convertors based on fractal design for output power management of triboelectric nanogenerator. <i>Nature Communications</i> , 2020, 11, 1883.	5.8	154
42	A highly efficient triboelectric negative air ion generator. <i>Nature Sustainability</i> , 2021, 4, 147-153.	11.5	143
43	An Ultrarobust High-Performance Triboelectric Nanogenerator Based on Charge Replenishment. <i>ACS Nano</i> , 2015, 9, 5577-5584.	7.3	135
44	Traditional weaving craft for one-piece self-charging power textile for wearable electronics. <i>Nano Energy</i> , 2018, 50, 536-543.	8.2	135
45	High-efficiency ramie fiber degumming and self-powered degumming wastewater treatment using triboelectric nanogenerator. <i>Nano Energy</i> , 2016, 22, 548-557.	8.2	132
46	Self-Powered Triboelectric Micro Liquid/Gas Flow Sensor for Microfluidics. <i>ACS Nano</i> , 2016, 10, 8104-8112.	7.3	131
47	Self-driven power management system for triboelectric nanogenerators. <i>Nano Energy</i> , 2020, 71, 104642.	8.2	129
48	A nanogenerator for harvesting airflow energy and light energy. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2079-2087.	5.2	126
49	Wearable triboelectric sensors for biomedical monitoring and human-machine interface. <i>IScience</i> , 2021, 24, 102027.	1.9	125
50	Sustainable and Biodegradable Wood Sponge Piezoelectric Nanogenerator for Sensing and Energy Harvesting Applications. <i>ACS Nano</i> , 2020, 14, 14665-14674.	7.3	124
51	Whirligig-inspired triboelectric nanogenerator with ultrahigh specific output as reliable portable instant power supply for personal health monitoring devices. <i>Nano Energy</i> , 2018, 47, 74-80.	8.2	122
52	Signal Output of Triboelectric Nanogenerator at Oil-Water-Solid Multiphase Interfaces and its Application for Dual-Signal Chemical Sensing. <i>Advanced Materials</i> , 2019, 31, e1902793.	11.1	120
53	Superhydrophobic Cellulose Paper-Based Triboelectric Nanogenerator for Water Drop Energy Harvesting. <i>Advanced Materials Technologies</i> , 2020, 5, 2000454.	3.0	119
54	A Triboelectric Generator Based on Checkerboard-Like Interdigital Electrodes with a Sandwiched PET Thin Film for Harvesting Sliding Energy in All Directions. <i>Advanced Energy Materials</i> , 2015, 5, 1400790.	10.2	116

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55	All-in-one 3D acceleration sensor based on coded liquidâ€metal triboelectric nanogenerator for vehicle restraint system. <i>Materials Today</i> , 2021, 43, 37-44.	8.3	113
56	Automatic Mode Transition Enabled Robust Triboelectric Nanogenerators. <i>ACS Nano</i> , 2015, 9, 12334-12343.	7.3	111
57	Rationally designed rotation triboelectric nanogenerators with much extended lifetime and durability. <i>Nano Energy</i> , 2020, 68, 104378.	8.2	111
58	3D printed shape-programmable magneto-active soft matter for biomimetic applications. <i>Composites Science and Technology</i> , 2020, 188, 107973.	3.8	109
59	Energy Harvesting from Breeze Wind ( $0.7\text{â}^6\text{m/s}^1$ ) Using Ultraâ€Stretchable Triboelectric Nanogenerator. <i>Advanced Energy Materials</i> , 2020, 10, 2001770.	10.2	107
60	Embedding variable micro-capacitors in polydimethylsiloxane for enhancing output power of triboelectric nanogenerator. <i>Nano Research</i> , 2017, 10, 320-330.	5.8	106
61	Selfâ€Powered Iontophoretic Transdermal Drug Delivery System Driven and Regulated by Biomechanical Motions. <i>Advanced Functional Materials</i> , 2020, 30, 1907378.	7.8	105
62	An inductor-free auto-power-management design built-in triboelectric nanogenerators. <i>Nano Energy</i> , 2017, 31, 302-310.	8.2	104
63	Harvesting heat energy from hot/cold water with a pyroelectric generator. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11940-11947.	5.2	101
64	Rolling Friction Enhanced Freeâ€Standing Triboelectric Nanogenerators and their Applications in Selfâ€Powered Electrochemical Recovery Systems. <i>Advanced Functional Materials</i> , 2016, 26, 1054-1062.	7.8	101
65	Robust Triboelectric Nanogenerator Achieved by Centrifugal Force Induced Automatic Working Mode Transition. <i>Advanced Energy Materials</i> , 2020, 10, 2000886.	10.2	100
66	Self-Powered Triboelectric Nanosensor for Microfluidics and Cavity-Confined Solution Chemistry. <i>ACS Nano</i> , 2015, 9, 11056-11063.	7.3	99
67	Selfâ€Powered Electronic Skin with Biotactile Selectivity. <i>Advanced Materials</i> , 2016, 28, 3549-3556.	11.1	97
68	A full-packaged rolling triboelectric-electromagnetic hybrid nanogenerator for energy harvesting and building up self-powered wireless systems. <i>Nano Energy</i> , 2019, 56, 300-306.	8.2	96
69	A Hybridized Triboelectricâ€Electromagnetic Water Wave Energy Harvester Based on a Magnetic Sphere. <i>ACS Nano</i> , 2019, 13, 2349-2356.	7.3	92
70	Rational Structure Optimized Hybrid Nanogenerator for Highly Efficient Water Wave Energy Harvesting. <i>Advanced Energy Materials</i> , 2019, 9, 1802892.	10.2	92
71	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
72	Ternary Electrification Layered Architecture for High-Performance Triboelectric Nanogenerators. <i>ACS Nano</i> , 2020, 14, 9050-9058.	7.3	88

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73	Self-Powered Electrochemical Synthesis of Polypyrrole from the Pulsed Output of a Triboelectric Nanogenerator as a Sustainable Energy System. <i>Advanced Functional Materials</i> , 2016, 26, 3542-3548.	7.8	87
74	Enhancing the Output Charge Density of TENG via Building Longitudinal Paths of Electrostatic Charges in the Contacting Layers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2158-2165.	4.0	83
75	Magnetic Array Assisted Triboelectric Nanogenerator Sensor for Real-Time Gesture Interaction. <i>Nano-Micro Letters</i> , 2021, 13, 51.	14.4	82
76	Concurrent Harvesting of Ambient Energy by Hybrid Nanogenerators for Wearable Self-Powered Systems and Active Remote Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14708-14715.	4.0	78
77	Stretchable negative Poisson's ratio yarn for triboelectric nanogenerator for environmental energy harvesting and self-powered sensor. <i>Energy and Environmental Science</i> , 2021, 14, 955-964.	15.6	78
78	Rolling friction contact-separation mode hybrid triboelectric nanogenerator for mechanical energy harvesting and self-powered multifunctional sensors. <i>Nano Energy</i> , 2018, 47, 539-546.	8.2	77
79	TriboPump: A Low-Cost, Hand-Powered Water Disinfection System. <i>Advanced Energy Materials</i> , 2019, 9, 1901320.	10.2	74
80	Magnetorheological elastomers enabled high-sensitive self-powered tribo-sensor for magnetic field detection. <i>Nanoscale</i> , 2018, 10, 4745-4752.	2.8	73
81	A Flexible micro-supercapacitor based on a pen ink-carbon fiber thread. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19665-19669.	5.2	69
82	Flexible triboelectric 3D touch pad with unit subdivision structure for effective XY positioning and pressure sensing. <i>Nano Energy</i> , 2020, 76, 105047.	8.2	69
83	An inverting TENG to realize the AC mode based on the coupling of triboelectrification and air-breakdown. <i>Energy and Environmental Science</i> , 2021, 14, 5395-5405.	15.6	67
84	Direct-Current Rotary-Tubular Triboelectric Nanogenerators Based on Liquid-Dielectrics Contact for Sustainable Energy Harvesting and Chemical Composition Analysis. <i>ACS Nano</i> , 2019, 13, 2587-2598.	7.3	66
85	Functionalized wood with tunable tribopolarity for efficient triboelectric nanogenerators. <i>Matter</i> , 2021, 4, 3049-3066.	5.0	66
86	A self-powered 2D barcode recognition system based on sliding mode triboelectric nanogenerator for personal identification. <i>Nano Energy</i> , 2018, 43, 253-258.	8.2	65
87	Surface charge density of triboelectric nanogenerators: Theoretical boundary and optimization methodology. <i>Applied Materials Today</i> , 2020, 18, 100496.	2.3	64
88	A fully-packaged and robust hybridized generator for harvesting vertical rotation energy in broad frequency band and building up self-powered wireless systems. <i>Nano Energy</i> , 2017, 33, 508-514.	8.2	63
89	Achieving Remarkable Charge Density via Self-Polarization of Polar High- $\kappa$ Material in a Charge-Excitation Triboelectric Nanogenerator. <i>Advanced Materials</i> , 2022, 34, e2109918.	11.1	63
90	Actuation and sensor integrated self-powered cantilever system based on TENG technology. <i>Nano Energy</i> , 2019, 64, 103920.	8.2	60

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91	A strategy to promote efficiency and durability for sliding energy harvesting by designing alternating magnetic stripe arrays in triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 66, 104087.	8.2	60
92	2D piezotronics in atomically thin zinc oxide sheets: Interfacing gating and channel width gating. <i>Nano Energy</i> , 2019, 60, 724-733.	8.2	60
93	Electrohydrodynamic Jet Printing Driven by a Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2019, 29, 1901102.	7.8	59
94	Recent Advances towards Ocean Energy Harvesting and Self-Powered Applications Based on Triboelectric Nanogenerators. <i>Advanced Electronic Materials</i> , 2021, 7, 2100277.	2.6	58
95	A flexible and wide pressure range triboelectric sensor array for real-time pressure detection and distribution mapping. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23827-23833.	5.2	53
96	Self-doubled-rectification of triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 66, 104165.	8.2	50
97	Flexible interdigital-electrodes-based triboelectric generators for harvesting sliding and rotating mechanical energy. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19427-19434.	5.2	48
98	A Mobile and Self-Powered Micro-Flow Pump Based on Triboelectricity Driven Electroosmosis. <i>Advanced Materials</i> , 2021, 33, e2102765.	11.1	48
99	Free-Fixed Rotational Triboelectric Nanogenerator for Self-Powered Real-Time Wheel Monitoring. <i>Advanced Materials Technologies</i> , 2021, 6, 2000918.	3.0	46
100	Boost the Performance of Triboelectric Nanogenerators through Circuit Oscillation. <i>Advanced Energy Materials</i> , 2019, 9, 1900772.	10.2	44
101	Recent progresses on paper-based triboelectric nanogenerator for portable self-powered sensing systems. <i>EcoMat</i> , 2020, 2, e12060.	6.8	44
102	A High-Performance Bidirectional Direct Current TENG by Triboelectrification of Two Dielectrics and Local Corona Discharge. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	43
103	Instantaneous peak 2.1 W-level hybrid energy harvesting from human motions for self-charging battery-powered electronics. <i>Nano Energy</i> , 2021, 81, 105629.	8.2	41
104	Bionic Ultra-Sensitive Self-Powered Electromechanical Sensor for Muscle-Triggered Communication Application. <i>Advanced Science</i> , 2021, 8, e2101020.	5.6	41
105	Spiral-interdigital-electrode-based multifunctional device: Dual-functional triboelectric generator and dual-functional self-powered sensor. <i>Nano Energy</i> , 2015, 12, 626-635.	8.2	39
106	Sub-nanoliter metabolomics via mass spectrometry to characterize volume-limited samples. <i>Nature Communications</i> , 2020, 11, 5625.	5.8	39
107	Hydrated ruthenium dioxides @ graphene based fiber supercapacitor for wearable electronics. <i>Journal of Power Sources</i> , 2019, 440, 227143.	4.0	35
108	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

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109	Interface Static Friction Enabled Ultra-Durable and High Output Sliding Mode Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	34
110	Double-induced-mode integrated triboelectric nanogenerator based on spring steel to maximize space utilization. <i>Nano Research</i> , 2016, 9, 3355-3363.	5.8	32
111	Fish gills inspired parallel-cell triboelectric nanogenerator. <i>Nano Energy</i> , 2022, 95, 106976.	8.2	29
112	On the material-dependent charge transfer mechanism of the contact electrification. <i>Nano Energy</i> , 2020, 78, 105343.	8.2	27
113	Honeycomb-like three electrodes based triboelectric generator for harvesting energy in full space and as a self-powered vibration alertor. <i>Nano Energy</i> , 2015, 15, 766-775.	8.2	26
114	Triboelectric nanogenerator based on magnetically induced retractable spring steel tapes for efficient energy harvesting of large amplitude motion. <i>Nano Research</i> , 2018, 11, 633-641.	5.8	25
115	Ti-Doped Tunnel-Type Na <sub>4</sub> Mn <sub>9</sub> O <sub>18</sub> Nanoparticles as Novel Anode Materials for High-Performance Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 28900-28908.	4.0	23
116	Theoretical investigation of air breakdown direct current triboelectric nanogenerator. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	23
117	Self-Powered Active Spherical Triboelectric Sensor for Fluid Velocity Detection. <i>IEEE Nanotechnology Magazine</i> , 2020, 19, 230-235.	1.1	22
118	Constructing high output performance triboelectric nanogenerator via V-shape stack and self-charge excitation. <i>Nano Energy</i> , 2022, 96, 107068.	8.2	22
119	Ultrahigh Performance Triboelectric Nanogenerator Enabled by Charge Transmission in Interfacial Lubrication and Potential Decentralization Design. <i>Research</i> , 2022, 2022, .	2.8	22
120	Notepad-like Triboelectric Generator for Efficiently Harvesting Low-Velocity Motion Energy by Interconversion between Kinetic Energy and Elastic Potential Energy. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1275-1283.	4.0	20
121	Enhancing the performance of NaNbO <sub>3</sub> triboelectric nanogenerators by dielectric modulation and electronegative modification. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 015303.	1.3	20
122	Highly Durable and Easily Integrable Triboelectric Foam for Active Sensing and Energy Harvesting Applications. <i>Advanced Materials Technologies</i> , 2021, 6, .	3.0	19
123	Timing strategy for boosting energy extraction from triboelectric nanogenerators. <i>Nano Energy</i> , 2021, 85, 105956.	8.2	18
124	WGUs sensor based on integrated wind-induced generating units for 360° wind energy harvesting and self-powered wind velocity sensing. <i>RSC Advances</i> , 2017, 7, 23208-23214.	1.7	17
125	Triboelectric Nanogenerators for Harvesting Wind Energy: Recent Advances and Future Perspectives. <i>Energies</i> , 2021, 14, 6949.	1.6	17
126	Interface Defect Detection and Identification of Triboelectric Nanogenerators via Voltage Waveforms and Artificial Neural Network. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 3437-3445.	4.0	17



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127	A Novel Triboelectric Generator Based on the Combination of a Waterwheel-Like Electrode with a Spring Steel Plate For Efficient Harvesting of Low-Velocity Rotational Motion Energy. <i>Advanced Electronic Materials</i> , 2016, 2, 1500448.	2.6	16
128	Tribo-electrophoresis preconcentration enhanced ultra-sensitive SERS detection. <i>Nano Energy</i> , 2022, 98, 107239.	8.2	16
129	Effect of Particle Size in Aggregates of ZnO-Aggregate-Based Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , 2014, 120, 23-29.	2.6	15
130	Sunlight-Triggerable Transient Energy Harvester and Sensors Based on Triboelectric Nanogenerator Using Acid-Sensitive Poly(phthalaldehyde). <i>Advanced Electronic Materials</i> , 2019, 5, 1900725.	2.6	15
131	Effect of architectures assembled by one dimensional ZnO nanostructures on performance of CdS quantum dot-sensitized solar cells. <i>Electrochimica Acta</i> , 2014, 115, 487-492.	2.6	11
132	Novel Spiral-Like Electrode Structure Design for Realization of Two Modes of Energy Harvesting. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16450-16457.	4.0	11
133	Large-Area Triboelectric Nanogenerator Mass Spectrometry: Expanded Coverage, Double-Bond Pinpointing, and Supercharging. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 727-734.	1.2	10
134	A Hybrid Generator with Electromagnetic Transduction for Improving the Power Density of Triboelectric Nanogenerators and Scavenging Wind Energy. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	6
135	Biotactile Sensors: Self-Powered Electronic Skin with Biotactile Selectivity ( <i>Adv. Mater.</i> 18/2016). <i>Advanced Materials</i> , 2016, 28, 3414-3414.	11.1	2