

Han Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Performance Triboelectric Nanogenerators Based on Electrospun Polyvinylidene Fluoride-Silver Nanowire Composite Nanofibers. <i>Advanced Functional Materials</i> , 2018, 28, 1703778.	14.9	291
2	Fully Stretchable Textile Triboelectric Nanogenerator with Knitted Fabric Structures. <i>ACS Nano</i> , 2017, 11, 10733-10741.	14.6	191
3	High-Performance Piezoelectric, Pyroelectric, and Triboelectric Nanogenerators Based on P(VDF-TrFE) with Controlled Crystallinity and Dipole Alignment. <i>Advanced Functional Materials</i> , 2017, 27, 1700702.	14.9	149
4	Fully stretchable and highly durable triboelectric nanogenerators based on gold-nanosheet electrodes for self-powered human-motion detection. <i>Nano Energy</i> , 2017, 42, 300-306.	16.0	126
5	Mechanically Robust Silver Nanowires Network for Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , 2016, 26, 7717-7724.	14.9	71
6	Dual Friction Mode Textile-Based Tire Cord Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2020, 30, 2002401.	14.9	33
7	Transient self-templating assembly of M13 bacteriophage for enhanced biopiezoelectric devices. <i>Nano Energy</i> , 2019, 56, 716-723.	16.0	29
8	Moisture-induced autonomous surface potential oscillations for energy harvesting. <i>Nature Communications</i> , 2021, 12, 5287.	12.8	26
9	Metal nanowire-polymer matrix hybrid layer for triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 58, 227-233.	16.0	22
10	M13 Virus Triboelectricity and Energy Harvesting. <i>Nano Letters</i> , 2021, 21, 6851-6858.	9.1	11
11	Energy Harvesting: High-Performance Piezoelectric, Pyroelectric, and Triboelectric Nanogenerators Based on P(VDF-TrFE) with Controlled Crystallinity and Dipole Alignment (<i>Adv. Funct. Mater.</i> 22/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	1