

Han Kim

List of Publications by Year in descending order

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11
papers

950
citations

1170033

9
h-index

1427216

11
g-index

11
all docs

11
docs citations

11
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	M13 Virus Triboelectricity and Energy Harvesting. Nano Letters, 2021, 21, 6851-6858.	4.5	11
2	Moisture-induced autonomous surface potential oscillations for energy harvesting. Nature Communications, 2021, 12, 5287.	5.8	26
3	Dual Friction Mode Textile-Based Tire Cord Triboelectric Nanogenerator. Advanced Functional Materials, 2020, 30, 2002401.	7.8	33
4	Metal nanowire-polymer matrix hybrid layer for triboelectric nanogenerator. Nano Energy, 2019, 58, 227-233.	8.2	22
5	Transient self-templating assembly of M13 bacteriophage for enhanced biopiezoelectric devices. Nano Energy, 2019, 56, 716-723.	8.2	29
6	High-Performance Triboelectric Nanogenerators Based on Electrospun Polyvinylidene Fluoride-Silver Nanowire Composite Nanofibers. Advanced Functional Materials, 2018, 28, 1703778.	7.8	291
7	High-Performance Piezoelectric, Pyroelectric, and Triboelectric Nanogenerators Based on P(VDF-TrFE) with Controlled Crystallinity and Dipole Alignment. Advanced Functional Materials, 2017, 27, 1700702.	7.8	149
8	Energy Harvesting: High-Performance Piezoelectric, Pyroelectric, and Triboelectric Nanogenerators Based on P(VDF-TrFE) with Controlled Crystallinity and Dipole Alignment (Adv. Funct. Mater. 22/2017). Advanced Functional Materials, 2017, 27, .	7.8	1
9	Fully Stretchable Textile Triboelectric Nanogenerator with Knitted Fabric Structures. ACS Nano, 2017, 11, 10733-10741.	7.3	191
10	Fully stretchable and highly durable triboelectric nanogenerators based on gold-nanosheet electrodes for self-powered human-motion detection. Nano Energy, 2017, 42, 300-306.	8.2	126
11	Mechanically Robust Silver Nanowires Network for Triboelectric Nanogenerators. Advanced Functional Materials, 2016, 26, 7717-7724.	7.8	71