

Pengfei Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11206802/publications.pdf>

Version: 2024-02-01

11
papers

640
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanding the portfolio of tribo-positive materials: Aniline formaldehyde condensates for high charge density triboelectric nanogenerators. <i>Nano Energy</i> , 2020, 67, 104291.	16.0	26
2	Replacing the metal electrodes in triboelectric nanogenerators: High-performance laser-induced graphene electrodes. <i>Nano Energy</i> , 2020, 75, 104958.	16.0	76
3	A model for the triboelectric nanogenerator with inductive load and its energy boost potential. <i>Nano Energy</i> , 2019, 63, 103883.	16.0	20
4	Realizing the potential of polyethylene oxide as new positive tribo-material: Over 40 W/m ² high power flat surface triboelectric nanogenerators. <i>Nano Energy</i> , 2018, 46, 63-72.	16.0	84
5	Emulsion Electrospinning of Polytetrafluoroethylene (PTFE) Nanofibrous Membranes for High-Performance Triboelectric Nanogenerators. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5880-5891.	8.0	137
6	A self-powered radio frequency (RF) transmission system based on the combination of triboelectric nanogenerator (TENG) and piezoelectric element for disaster rescue/relief. <i>Nano Energy</i> , 2018, 54, 331-340.	16.0	23
7	A self-power-transmission and non-contact-reception keyboard based on a novel resonant triboelectric nanogenerator (R-TENG). <i>Nano Energy</i> , 2018, 50, 16-24.	16.0	44
8	Triboelectric effect based instantaneous self-powered wireless sensing with self-determined identity. <i>Nano Energy</i> , 2018, 51, 1-9.	16.0	56
9	Significant triboelectric enhancement using interfacial piezoelectric ZnO nanosheet layer. <i>Nano Energy</i> , 2017, 40, 471-480.	16.0	39
10	High performance triboelectric generator using high dielectric constant poly(vinylidene fluoride)/poly(ethylene terephthalate) bilayer structure. <i>Nano Energy</i> , 2017, 40, 471-480.	16.0	39
11	High performance triboelectric nanogenerators based on phase-inversion piezoelectric membranes of poly(vinylidene fluoride)-zinc stannate (PVDF-ZnSnO ₃) and polyamide-6 (PA6). <i>Nano Energy</i> , 2016, 30, 470-480.	16.0	134