

Pengfei Zhao

List of Publications by Year in descending order

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

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11
papers

640
citations

933447

10
h-index

1372567

10
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11
all docs

11
docs citations

11
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Emulsion Electrospinning of Polytetrafluoroethylene (PTFE) Nanofibrous Membranes for High-Performance Triboelectric Nanogenerators. ACS Applied Materials & Interfaces, 2018, 10, 5880-5891.	8.0	137
2	High performance triboelectric nanogenerators based on phase-inversion piezoelectric membranes of poly(vinylidene fluoride)-zinc stannate (PVDF-ZnSnO ₃) and polyamide-6 (PA6). Nano Energy, 2016, 30, 470-480.	16.0	134
3	Realizing the potential of polyethylene oxide as new positive tribo-material: Over 40 μ W/m ² high power flat surface triboelectric nanogenerators. Nano Energy, 2018, 46, 63-72.	16.0	84
4	Replacing the metal electrodes in triboelectric nanogenerators: High-performance laser-induced graphene electrodes. Nano Energy, 2020, 75, 104958.	16.0	76
5	Triboelectric effect based instantaneous self-powered wireless sensing with self-determined identity. Nano Energy, 2018, 51, 1-9.	16.0	56
6	A self-power-transmission and non-contact-reception keyboard based on a novel resonant triboelectric nanogenerator (R-TENG). Nano Energy, 2018, 50, 16-24.	16.0	44
7	Significant triboelectric enhancement using interfacial piezoelectric ZnO nanosheet layer. Nano Energy, 2017, 40, 471-480.	16.0	39
8	Expanding the portfolio of tribo-positive materials: Aniline formaldehyde condensates for high charge density triboelectric nanogenerators. Nano Energy, 2020, 67, 104291.	16.0	26
9	A self-powered radio frequency (RF) transmission system based on the combination of triboelectric nanogenerator (TENG) and piezoelectric element for disaster rescue/relief. Nano Energy, 2018, 54, 331-340.	16.0	23
10	A model for the triboelectric nanogenerator with inductive load and its energy boost potential. Nano Energy, 2019, 63, 103883.	16.0	20
11	High performance triboelectric generator using high dielectric constant poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock ₁ 10 Tf 50 3		