Jong-Nam Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7144306/publications.pdf

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14	502	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Skin-attachable and biofriendly chitosan-diatom triboelectric nanogenerator. Nano Energy, 2020, 75, 104904.	16.0	105
2	Stretchable and self-healable catechol-chitosan-diatom hydrogel for triboelectric generator and self-powered tremor sensor targeting at Parkinson disease. Nano Energy, 2021, 82, 105705.	16.0	97
3	Diatom Bio-Silica and Cellulose Nanofibril for Bio-Triboelectric Nanogenerators and Self-Powered Breath Monitoring Masks. ACS Applied Materials & Interfaces, 2021, 13, 219-232.	8.0	68
4	Treefrog Toe Padâ€Inspired Micropatterning for Highâ€Power Triboelectric Nanogenerator. Advanced Functional Materials, 2019, 29, 1901638.	14.9	56
5	Integrated dielectric-electrode layer for triboelectric nanogenerator based on Cu nanowire-Mesh hybrid electrode. Nano Energy, 2019, 59, 120-128.	16.0	37
6	An Electroactive and Transparent Haptic Interface Utilizing Soft Elastomer Actuators with Silver Nanowire Electrodes. Small, 2018, 14, e1801603.	10.0	34
7	Ti3C2Tx MXene for wearable energy devices: Supercapacitors and triboelectric nanogenerators. APL Materials, 2020, 8, .	5.1	30
8	Longâ€Lasting and Steady Triboelectric Energy Harvesting from Lowâ€Frequency Irregular Motions Using Escapement Mechanism. Advanced Energy Materials, 2021, 11, 2002929.	19.5	27
9	Collectively Exhaustive Hybrid Triboelectric Nanogenerator Based on Flowâ€Induced Impactingâ€Sliding Cylinder for Ocean Energy Harvesting. Advanced Energy Materials, 2022, 12, 2103076.	19.5	21
10	Antagonistically Functionalized Diatom Biosilica for Bioâ€Triboelectric Generators. Small, 2022, 18, e2107638.	10.0	11
11	Mutually exclusive ytterbium and nitrogen co-doping of mesoporous titania-carbon for self-cleanable and sustainable triboelectric nanogenerators. Nano Energy, 2021, 90, 106615.	16.0	10
12	Motion Control of Piezoelectric Tripod Platform via Feedforward Hysteresis Compensation. Advanced Materials Technologies, 2018, 3, 1800298.	5.8	5
13	Collectively Exhaustive Hybrid Triboelectric Nanogenerator Based on Flowâ€Induced Impactingâ€Sliding Cylinder for Ocean Energy Harvesting (Adv. Energy Mater. 3/2022). Advanced Energy Materials, 2022, 12, .	19.5	1
14	Piezoelectric Actuators: Motion Control of Piezoelectric Tripod Platform via Feedforward Hysteresis Compensation (Adv. Mater. Technol. 12/2018). Advanced Materials Technologies, 2018, 3, 1870049.	5.8	0