

Lu Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/290318/publications.pdf>

Version: 2024-02-01

17
papers

793
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Robust, Transparent, and Breathable Epidermal Electrode. ACS Nano, 2018, 12, 9326-9332.	14.6	153
2	A Motion Vector Sensor via Direct-Current Triboelectric Nanogenerator. Advanced Functional Materials, 2020, 30, 2002547.	14.9	78
3	Small-Sized, Lightweight, and Flexible Triboelectric Nanogenerator Enhanced by PTFE/PDMS Nanocomposite Electret. ACS Applied Materials & Interfaces, 2019, 11, 20370-20377.	8.0	75
4	Nanofiber-Reinforced Silver Nanowires Network as a Robust, Ultrathin, and Conformable Epidermal Electrode for Ambulatory Monitoring of Physiological Signals. Small, 2019, 15, e1900755.	10.0	62
5	A highly efficient constant-voltage triboelectric nanogenerator. Energy and Environmental Science, 2022, 15, 1334-1345.	30.8	62
6	Wide-Bandgap Organic-Inorganic Lead Halide Perovskite Solar Cells. Advanced Science, 2022, 9, e2105085.	11.2	60
7	Perovskite Quantum Dots in Solar Cells. Advanced Science, 2022, 9, e2104577.	11.2	49
8	Extrinsic Ion Distribution Induced Field Effect in CsPbIBr ₂ Perovskite Solar Cells. Small, 2020, 16, e1907283.	10.0	44
9	A high humidity-resistive triboelectric nanogenerator via coupling of dielectric material selection and surface-charge engineering. Journal of Materials Chemistry A, 2021, 9, 21357-21365.	10.3	43
10	Samarium-Doped Nickel Oxide for Superior Inverted Perovskite Solar Cells: Insight into Doping Effect for Electronic Applications. Advanced Functional Materials, 2021, 31, 2102452.	14.9	41
11	Low-Temperature Crystallization of CsPbIBr ₂ Perovskite for High Performance Solar Cells. Solar Rrl, 2020, 4, 2000254.	5.8	31
12	Spider-web inspired multi-resolution graphene tactile sensor. Chemical Communications, 2018, 54, 4810-4813.	4.1	29
13	Highly conductive, stretchable, and breathable epidermal electrode based on hierarchically interactive nano-network. Nanoscale, 2020, 12, 16053-16062.	5.6	26
14	Nanoconfined Crystallization for High-Efficiency Inorganic Perovskite Solar Cells. Small Science, 2021, 1, 2000054.	9.9	19
15	4-Hydrazinobenzoic Acid Antioxidant for High-Efficiency Sn-Pb Alloyed Perovskite Solar Cells. Energy Technology, 2022, 10, .	3.8	10
16	Improved Formation Kinetics of Carbon Dioxide Hydrate in Brine Induced by Sodium Dodecyl Sulfate. Energies, 2021, 14, 2094.	3.1	6
17	Improving Performance and Stability of Planar Perovskite Solar Cells Through Passivation Effect with Green Additives. Solar Rrl, 2021, 5, 2000732.	5.8	5