

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