

Ting Liu

List of Publications by Year in descending order

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13
papers

1,253
citations

840776

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1125743

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docs citations

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times ranked

2267
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexagonal boron nitride film on sapphire substrate grown by low-pressure and high-temperature halide vapor phase epitaxy. <i>Journal of Crystal Growth</i> , 2022, 588, 126655.	1.5	3
2	Piezo-phototronic effect in InGaN/GaN semi-floating micro-disk LED arrays. <i>Nano Energy</i> , 2020, 67, 104218.	16.0	31
3	Strain-controlled power devices as inspired by human reflex. <i>Nature Communications</i> , 2020, 11, 326.	12.8	53
4	Design and optimization of tunneling photodetectors based on graphene/Al ₂ O ₃ /silicon heterostructures. <i>Nanophotonics</i> , 2020, 9, 3841-3848.	6.0	20
5	Resist-Dyed Textile Alkaline Zn Microbatteries with Significantly Suppressed Zn Dendrite Growth. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5095-5106.	8.0	43
6	High-Energy Asymmetric Supercapacitor Yarns for Self-Charging Power Textiles. <i>Advanced Functional Materials</i> , 2019, 29, 1806298.	14.9	109
7	Enhanced photocurrent in InGaN/GaN MQWs solar cells by coupling plasmonic with piezo-phototronic effect. <i>Nano Energy</i> , 2019, 57, 300-306.	16.0	29
8	Triboelectric-Nanogenerator-Based Soft Energy-Harvesting Skin Enabled by Toughly Bonded Elastomer/Hydrogel Hybrids. <i>ACS Nano</i> , 2018, 12, 2818-2826.	14.6	245
9	Large-Area All-Textile Pressure Sensors for Monitoring Human Motion and Physiological Signals. <i>Advanced Materials</i> , 2017, 29, 1703700.	21.0	558
10	Enhanced Solar Cell Conversion Efficiency of InGaN/GaN Multiple Quantum Wells by Piezo-Phototronic Effect. <i>ACS Nano</i> , 2017, 11, 9405-9412.	14.6	87
11	Piezotronic effect tuned AlGaIn/GaN high electron mobility transistor. <i>Nanotechnology</i> , 2017, 28, 455203.	2.6	29
12	Electrical transportation and piezotronic-effect modulation in AlGaIn/GaN MOS HEMTs and unpassivated HEMTs. <i>Nano Energy</i> , 2017, 39, 53-59.	16.0	36
13	Evolution of the surface morphology of AlN epitaxial film by HVPE. <i>Journal of Crystal Growth</i> , 2015, 409, 100-104.	1.5	10