Ting Liu

List of Publications by Year
in descending order

13	1,253	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	2267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Largeâ€Area Allâ€Textile Pressure Sensors for Monitoring Human Motion and Physiological Signals. Advanced Materials, 2017, 29, 1703700.	21.0	558
2	Triboelectric-Nanogenerator-Based Soft Energy-Harvesting Skin Enabled by Toughly Bonded Elastomer/Hydrogel Hybrids. ACS Nano, 2018, 12, 2818-2826.	14.6	245
3	Highâ€Energy Asymmetric Supercapacitor Yarns for Selfâ€Charging Power Textiles. Advanced Functional Materials, 2019, 29, 1806298.	14.9	109
4	Enhanced Solar Cell Conversion Efficiency of InGaN/GaN Multiple Quantum Wells by Piezo-Phototronic Effect. ACS Nano, 2017, 11, 9405-9412.	14.6	87
5	Strain-controlled power devices as inspired by human reflex. Nature Communications, 2020, 11, 326.	12.8	53
6	Resist-Dyed Textile Alkaline Zn Microbatteries with Significantly Suppressed Zn Dendrite Growth. ACS Applied Materials & Interfaces, 2019, 11, 5095-5106.	8.0	43
7	Electrical transportation and piezotronic-effect modulation in AlGaN/GaN MOS HEMTs and unpassivated HEMTs. Nano Energy, 2017, 39, 53-59.	16.0	36
8	Piezo-phototronic effect in InGaN/GaN semi-floating micro-disk LED arrays. Nano Energy, 2020, 67, 104218.	16.0	31
9	Piezotronic effect tuned AlGaN/GaN high electron mobility transistor. Nanotechnology, 2017, 28, 455203.	2.6	29
10	Enhanced photocurrent in InGaN/GaN MQWs solar cells by coupling plasmonic with piezo-phototronic effect. Nano Energy, 2019, 57, 300-306.	16.0	29
11	Design and optimization of tunneling photodetectors based on graphene/Al₂O₃/silicon heterostructures. Nanophotonics, 2020, 9, 3841-3848.	6.0	20
12	Evolution of the surface morphology of AlN epitaxial film by HVPE. Journal of Crystal Growth, 2015, 409, 100-104.	1.5	10
13	Hexagonal boron nitride film on sapphire substrate grown by low-pressure and high-temperature halide vapor phase epitaxy. Journal of Crystal Growth, 2022, 588, 126655.	1.5	3