

# Wenhong Sun

## List of Publications by Year in descending order

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13  
papers

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docs citations

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706  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cu/P-type GaN triboelectric nanogenerator with power density over 100 W/m <sup>2</sup> . Applied Physics Letters, 2022, 120, .	1.5	10
2	Recent Advances in Packaging Technologies of AlGaIn-Based Deep Ultraviolet Light-Emitting Diodes. Advanced Materials Technologies, 2022, 7, .	3.0	22
3	Friction-Dominated Carrier Excitation and Transport Mechanism for GaN-Based Direct-Current Triboelectric Nanogenerators. ACS Applied Materials & Interfaces, 2022, 14, 24020-24027.	4.0	33
4	Carrier distribution characteristics of AlGaIn-based ultraviolet light-emitting diodes at elevated temperatures. Journal of Materials Science: Materials in Electronics, 2022, 33, 17395-17403.	1.1	2
5	Temperature Dependence of Stress and Optical Properties in AlN Films Grown by MOCVD. Nanomaterials, 2021, 11, 698.	1.9	12
6	Characterization and simulation of 280 nm UV-LED degradation. AIP Advances, 2021, 11, .	0.6	12
7	Degradation analysis with characteristics and simulations of 265 nm UV-C LED. Journal of Materials Science: Materials in Electronics, 2021, 32, 17115-17122.	1.1	9
8	High power AlGaIn ultraviolet light emitters. Semiconductor Science and Technology, 2014, 29, 084007.	1.0	160
9	AlGaIn Deep-Ultraviolet Light-Emitting Diodes with External Quantum Efficiency above 10%. Applied Physics Express, 2012, 5, 082101.	1.1	406
10	Impact of temperature-dependent hole injection on low-temperature electroluminescence collapse in ultraviolet light-emitting diodes. Applied Physics Letters, 2012, 101, .	1.5	11
11	Current-induced degradation of high performance deep ultraviolet light emitting diodes. Applied Physics Letters, 2010, 96, .	1.5	66
12	Reliability and degradation modes of 280 nm deep UV LEDs on sapphire. Materials Research Society Symposia Proceedings, 2005, 892, 148.	0.1	1
13	Continuous Wave Milliwatt Power AlGaIn Light Emitting Diodes at 280 nm. Japanese Journal of Applied Physics, 2004, 43, L1419-L1421.	0.8	79