

Wenhong Sun

List of Publications by Year in descending order

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13
papers

823
citations

1039880

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1125617

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14
times ranked

706
citing authors

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