

Jianan Song

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | High-Temperature Static and Dynamic Characteristics of 4.2-kV GaN Super-Heterojunction p-n Diodes. IEEE Transactions on Electron Devices, 2022, 69, 1912-1917. | 3.0 | 4 |
| 2 | GaN Super-Heterojunction Schottky Barrier Diode with Over 10 kV Blocking Voltage. , 2021, , . | | 2 |
| 3 | Study of interface trap density of AlOxNy/GaN MOS structures. Applied Physics Letters, 2021, 119, . | 3.3 | 6 |
| 4 | 12.5 kV GaN Super-Heterojunction Schottky Barrier Diodes. IEEE Transactions on Electron Devices, 2021, 68, 5736-5741. | 3.0 | 8 |
| 5 | Design of GaN/AlGaIn/GaN Super-Heterojunction Schottky Diode. IEEE Transactions on Electron Devices, 2020, 67, 69-74. | 3.0 | 19 |
| 6 | Experimental Demonstration of Charge- Balanced GaN Super-Heterojunction Schottky Barrier Diode Capable of 2.8 kV Switching. IEEE Electron Device Letters, 2020, 41, 1758-1761. | 3.9 | 17 |
| 7 | High- Q GaN Varactors for mm-Wave Applications: A Physics-Based Simulation Study. IEEE Transactions on Electron Devices, 2019, 66, 4134-4139. | 3.0 | 2 |