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AlGaN/GaN HEMTs-an overview of device operation and applications

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166	Fabrication and characterization of AlGaN/GaN HEMTs with high power gain and efficiency at 8 GHz. <b>2021</b> , 42, 122802	O
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158	Low-Resistance and Low-Thermal-Budget Ohmic Contact by Introducing Periodic Microstructures for AlGaN/AlN/GaN HEMTs. <b>2022</b> , 1-6	
157	Spectral Thermal Spreading Resistance of Wide-Bandgap Semiconductors in Ballistic-Diffusive Regime. <b>2022</b> , 1-8	O
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155	Interpretation and modelling of dynamic-RON kinetics in GaN-on-Si HEMTs for mm-wave applications. <b>2022</b> ,	
154	The observation of Gaussian distribution and origination identification of deep defects in AlGaN/GaN MIS-HEMT. <b>2022</b> , 120, 172107	
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49	Thermal Metrics. <b>2022</b> , 97-137	Ο
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32	Novel electromechanical coupling theory of GaN HEMT structure under mechanical clamping. <b>2023</b> , 141, 40002	O
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22	Analytical modeling and simulation of lattice-matched Ferro PZT AlGaN/GaN MOSHEMT for high-power and RF/Microwave applications.	О
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4	Trap analysis on Pt-AlGaN/GaN Schottky barrier diode through deep level transient spectroscopy. <b>2023</b> , 44, 042802	О
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