

Pavel L Komarov

List of Publications by Year in descending order

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7
papers

104
citations

1937685

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2272923

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docs citations

7
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	GaN-On-Diamond HEMT Technology With $T_{AVG} = 176^{\circ}\text{C}$ at $P_{DC,max} = 56 \text{ W/mm}$ Measured by Transient Thermoreflectance Imaging. IEEE Electron Device Letters, 2019, 40, 881-884.	3.9	52
2	High-Resolution Thermoreflectance Imaging Investigation of Self-Heating in AlGaIn/GaN HEMTs on Si, SiC, and Diamond Substrates. IEEE Transactions on Electron Devices, 2020, 67, 5415-5420.	3.0	24
3	Electrothermal Evaluation of AlGaIn/GaN Membrane High Electron Mobility Transistors by Transient Thermoreflectance. IEEE Journal of the Electron Devices Society, 2018, 6, 922-930.	2.1	14
4	Electric-Based Thermal Characterization of GaN Technologies Affected by Trapping Effects. IEEE Transactions on Electron Devices, 2020, 67, 1952-1958.	3.0	6
5	Thermal conductivity of isotopically enriched silicon carbide. , 2013, , .		5
6	Temperature dependence of the thermoreflectance coefficient of gold by the use of a phase-locked single-point measurement approach. , 2018, , .		3
7	The transient thermoreflectance approach for high-resolution temperature mapping of GaN devices. , 2022, , 231-250.		0