

# Xiaodong Zhao

## List of Publications by Year in descending order

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8  
papers

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1478505  
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1872680  
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docs citations

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times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Large Signal Model for 0.1 $\mu$ m AlGaIn/GaN High Electron Mobility Transistors (HEMTs) Process and Its Applications in Practical Monolithic Microwave Integrated Circuit (MMIC) Design in W band. <i>Micromachines</i> , 2018, 9, 396.	2.9	6
2	A parameter extraction method for GaN HEMT empirical large-signal model including self-heating and trapping effects. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2017, 30, e2137.	1.9	20
3	Temperature-Dependent Access Resistances in Large-Signal Modeling of Millimeter-Wave AlGaIn/GaN HEMTs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 2271-2278.	4.6	34
4	High Frequency Noise Model of AlGaIn/GaN HEMTs. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, S3072-S3077.	1.8	8
5	Investigations of the Effect of Temperature-Dependent Access Resistances on Compact Model Parameters Extraction of AlGaIn/GaN HEMTs. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, S3014-S3020.	1.8	6
6	Trapping and gate leakage currents effects in large signal modeling of microwave GaN HEMTs. , 2017, , .		1
7	A new Inter-electrode coupling capacitance extraction method for deep-submicron AlGaIn/GaN HEMTs. <i>IEICE Electronics Express</i> , 2017, 14, 20170559-20170559.	0.8	6
8	A ultra-wideband empirical large-signal model for AlGaAs/GaAs HEMTs. , 2016, , .		3