

Peng Xue

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Self-Sustained Turn-OFF Oscillation of Cascode GaN HEMTs: Occurrence Mechanism, Instability Analysis, and Oscillation Suppression. IEEE Transactions on Power Electronics, 2022, 37, 5491-5500.	7.9	11
2	Investigation on the Short-Circuit Oscillation of Cascode GaN HEMTs. IEEE Transactions on Power Electronics, 2020, 35, 6292-6300.	7.9	19
3	A Comprehensive Investigation on Short-Circuit Oscillation of p-GaN HEMTs. IEEE Transactions on Electron Devices, 2020, 67, 4849-4857.	3.0	8
4	Self-Sustained Turn-Off Oscillation of SiC MOSFETs: Origin, Instability Analysis, and Prevention. Energies, 2019, 12, 2211.	3.1	10
5	Self-sustained Oscillation of Superjunction MOSFET Intrinsic Diode During Reverse Recovery Transient. , 2019, , .		1
6	Analysis on the Self-Sustained Oscillation of SiC MOSFET Body Diode. IEEE Transactions on Electron Devices, 2019, 66, 4287-4295.	3.0	13
7	Investigation on the Self-Sustained Oscillation of Superjunction MOSFET Intrinsic Diode. IEEE Transactions on Electron Devices, 2019, 66, 605-612.	3.0	9
8	Investigation on Intermittent Life Testing Program for IGBT. Journal of Power Electronics, 2017, 17, 811-820.	1.5	7
9	An Excess Carrier Lifetime Extraction Method for Physics-based IGBT Models. Journal of Power Electronics, 2016, 16, 778-785.	1.5	6