

Zhiyu Xu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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docs citations

7
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43
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Leakage Current Reduction in GaN Ultraviolet Avalanche Photodiodes With an Ion-Implantation Isolation Method. IEEE Transactions on Electron Devices, 2021, 68, 2759-2763.	3.0	16
2	Design of Ion-Implanted Junction Termination Extension for Vertical GaN Pin Rectifiers. ECS Transactions, 2020, 98, 49-59.	0.5	9
3	Extended Electrical and Photonic Characterization of GaN-Based Ultra-Violet MicroLEDs With an ITO Emission Window Layer. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	7
4	Realizing crack-free high-aluminum-mole-fraction AlGaIn on patterned GaN beyond the critical layer thickness. Journal of Applied Physics, 2022, 131, .	2.5	5
5	Breakdown characteristics of deep-ultraviolet Al _{0.6} Ga _{0.4} N p-i-n avalanche photodiodes. Journal of Applied Physics, 2022, 131, 103102.	2.5	5
6	High-Gain and Low-Dark Current GaN p-i-n Ultraviolet Avalanche Photodiodes Grown by MOCVD Fabricated Using Ion-Implantation Isolation. Journal of Electronic Materials, 2021, 50, 4462-4468.	2.2	4
7	High-Performance GaN-Based Ultraviolet Photon Detection Technology. , 2021, , .		0