

Hoon

List of Publications by Year in descending order

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8
papers

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citations

1684188

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1720034

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	High-Performance GaN-Based Ultraviolet Photon Detection Technology. , 2021, , .		0
5	Corrections to "Lateral Current Spreading in III-N Ultraviolet Vertical-Cavity Surface-Emitting Lasers Using Modulation-Doped Short Period Superlattices" [Aug 18 Art. no. 2400507]. IEEE Journal of Quantum Electronics, 2019, 55, 1-1.	1.9	1
6	Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. IEEE Journal of Quantum Electronics, 2019, 55, 1-8.	1.9	6
7	Theory and Design of Electron Blocking Layers for III-N-Based Laser Diodes by Numerical Simulation. IEEE Journal of Quantum Electronics, 2018, 54, 1-11.	1.9	13
8	Lateral Current Spreading in III-N Ultraviolet Vertical-Cavity Surface-Emitting Lasers Using Modulation-Doped Short Period Superlattices. IEEE Journal of Quantum Electronics, 2018, 54, 1-7.	1.9	16