

# Hoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10187899/publications.pdf>

Version: 2024-02-01

8  
papers

61  
citations

1684188  
5  
h-index

1720034  
7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Breakdown characteristics of deep-ultraviolet Al <sub>0.6</sub> Ga <sub>0.4</sub> 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	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
8	High-Performance GaN-Based Ultraviolet Photon Detection Technology. , 2021, , .		0