

Hyun-Soo Lee

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

126
citations

1478505

6
h-index

1720034

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g-index

8
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docs citations

8
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	0.34 μm^2 AlGaIn/GaN-on-Si Large Schottky Barrier Diode With Recessed Dual Anode Metal. IEEE Electron Device Letters, 2015, 36, 1132-1134.	3.9	47
2	Probing unintentional Fe impurity incorporation in MOCVD homoepitaxy GaN: Toward GaN vertical power devices. Journal of Applied Physics, 2020, 127, 215707.	2.5	26
3	Design and Fabrication of Vertical GaN p-n Diode With Step-Etched Triple-Zone Junction Termination Extension. IEEE Transactions on Electron Devices, 2020, 67, 3553-3557.	3.0	17
4	Low onset voltage of GaN on Si Schottky barrier diode using various recess depths. Electronics Letters, 2014, 50, 1164-1165.	1.0	12
5	Integration of high permittivity BaTiO ₃ with AlGaIn/GaN for near-theoretical breakdown field kV-class transistors. Applied Physics Letters, 2021, 119, .	3.3	11
6	High-permittivity dielectric edge termination for vertical high voltage devices. Journal of Computational Electronics, 2020, 19, 1538-1545.	2.5	7
7	Hybrid BaTiO ₃ /SiN _x /AlGaIn/GaN lateral Schottky barrier diodes with low turn-on and high breakdown performance. Applied Physics Letters, 2021, 119, 013504.	3.3	6
8	Demonstration of BaTiO ₃ Integrated kV-class AlGaIn/GaN Schottky Barrier Diodes with Record Average Breakdown Electric Field. , 2022, , .		0