

Hyun-Soo Lee

List of Publications by Year in descending order

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8
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of BaTiO ₃ Integrated kV-class AlGaIn/GaN Schottky Barrier Diodes with Record Average Breakdown Electric Field. , 2022, , .		0
2	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
3	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
4	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
5	High-permittivity dielectric edge termination for vertical high voltage devices. Journal of Computational Electronics, 2020, 19, 1538-1545.	2.5	7
6	Probing unintentional Fe impurity incorporation in MOCVD homoepitaxy GaN: Toward GaN vertical power devices. Journal of Applied Physics, 2020, 127, 215707.	2.5	26
7	0.34 $\times 10^6$ V/cm $\times 10^4$ V/cm AlGaIn/GaN-on-Si Large Schottky Barrier Diode With Recessed Dual Anode Metal. IEEE Electron Device Letters, 2015, 36, 1132-1134.	3.9	47
8	Low onset voltage of GaN on Si Schottky barrier diode using various recess depths. Electronics Letters, 2014, 50, 1164-1165.	1.0	12