

Kai Shek Qwah

List of Publications by Year in descending order

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1937685

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citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental investigations of vertical hole transport through unipolar AlGaIn structures: Impacts of random alloy disorder. Applied Physics Letters, 2020, 117, .	3.3	13
2	Over 1 kV Vertical GaN-on-GaN p-n Diodes With Low On-Resistance Using Ammonia Molecular Beam Epitaxy. IEEE Electron Device Letters, 2020, 41, 1806-1809.	3.9	9
3	Improved Vertical Carrier Transport for Green InGaN LEDs Using $\text{Al}_{0.15}\text{Ga}_{0.85}\text{In}_{0.05}\text{N}$ Alloy Quantum Barriers. Physical Review Applied, 2022, 17, .	3.8	9
4	Modeling dislocation-related leakage currents in GaN p-n diodes. Journal of Applied Physics, 2019, 126, 245705.	2.5	6
5	Modeling dislocation-related reverse bias leakage in GaN p-n diodes. Semiconductor Science and Technology, 2021, 36, 075001.	2.0	2
6	Impact of growth parameters on the background doping of GaN films grown by ammonia and plasma-assisted molecular beam epitaxy for high-voltage vertical power switches. APL Materials, 2021, 9, .	5.1	2
7	Vertical hole transport through unipolar InGaIn quantum wells and double heterostructures. Physical Review Materials, 2022, 6, .	2.4	2