

Khim Kharel

List of Publications by Year in descending order

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6
papers

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3311381

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2917675

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docs citations

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8
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of the tandem III-V dilute nitride bulk or quantum engineered/silicon solar cells. Semiconductor Science and Technology, 2019, 34, 055017.	2.0	1
2	III-V dilute nitride quantum-engineered solar cell for lattice-matched silicon-based tandems. , 2019, , .		1
3	Graded Superlattice and Resonantly Coupled Quantum Wells for Dilute Nitride Solar Cells with Open Circuit Voltages that Exceed that of the Absorber's Radiative Limit. , 2018, , .		1
4	Wide Bandgap (1.7 eV-1.9 eV) Dilute Nitride Quantum Engineered Solar Cells for Tandem Application with Silicon. , 2018, , .		0
5	Photoluminescence and reflectance spectroscopy analysis of the carrier escape and recombination mechanism in GaAsN/GaAs symmetric and asymmetric quantum solar cells. , 2018, , .		0
6	Band structure and absorption properties of (Ga, In)/(P, As, N) symmetric and asymmetric quantum wells and super-lattice structures: Towards lattice-matched III-V/Si tandem. Journal of Applied Physics, 2018, 124, 095104.	2.5	4