

FayÅ§al Bouzid

List of Publications by Year in descending order

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papers

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9
all docs

9
docs citations

9
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of a Pt/n-GaN Schottky Barrier UV Detector. Journal of Electronic Materials, 2017, 46, 6563-6570.	2.2	36
2	Theoretical design and performance of In x Ga 1- x N single junction solar cell. Optik, 2018, 163, 22-32.	2.9	32
3	Numerical simulations of the electrical transport characteristics of a Pt/n-GaN Schottky diode. Japanese Journal of Applied Physics, 2017, 56, 094301.	1.5	30
4	Numerical simulation study of a high efficient AlGaIn-based ultraviolet photodetector. Superlattices and Microstructures, 2018, 122, 57-73.	3.1	25
5	Simulation analysis of a high efficiency GaInP/Si multijunction solar cell. Journal of Semiconductors, 2020, 41, 032701.	3.7	18
6	Analytical Modeling of Dual-Junction Tandem Solar Cells Based on an InGaP/GaAs Heterojunction Stacked on a Ge Substrate. Journal of Electronic Materials, 2019, 48, 4107-4116.	2.2	17
7	Modelling and performance analysis of a GaN-based n/p junction betavoltaic cell. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 164103.	1.6	13
8	Performance prediction of AlGaAs/GaAs betavoltaic cells irradiated by nickel-63 radioisotope. Physica B: Condensed Matter, 2021, 607, 412850.	2.7	9
9	Design considerations on 4H-SiC-based p-n junction betavoltaic cells. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	4