Geoffrey K Bradshaw

List of Publications by Year
in descending order

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18	100	1684188 5	1720034 7
papers	citations	h-index	g-index

18	18	18	91
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crack-Tolerant Metal Composites as Photovoltaic Gridlines. IEEE Journal of Photovoltaics, 2019, 9, 1754-1758.	2.5	5
2	Light trapping structures for radiation hardness enhancement of space solar cells. Solar Energy Materials and Solar Cells, 2018, 182, 136-141.	6.2	15
3	Simulation of Light Trapping Structures for Enhancing Radiation Hardness in Space Solar Cells. , 2017, , .		1
4	Quantitative Electroluminescence Analysis of Triple Junction Solar Cells to Determine Subcell Voltage-Temperature Coefficients. , 2017, , .		0
5	Integration of crack-tolerant composite gridlines on triple junction photovoltaic cells. , 2017, , .		1
6	Spray-coated carbon-nanotubes for crack-tolerant metal matrix composites as photovoltaic gridlines. , 2016, , .		4
7	Post-flight analysis of MISSE-8 advanced photovoltaic technologies. , 2015, , .		0
8	Stability of isotype reference cells used for multi-source solar simulator calibration. , 2015, , .		0
9	Flight results for the passive MISSE 7 Coatings and Coverglass Panel experiment. , 2015, , .		0
10	GaInP/GaAs Tandem Solar Cells With InGaAs/GaAsP Multiple Quantum Wells. IEEE Journal of Photovoltaics, 2014, 4, 614-619.	2.5	9
11	Effect of GaAs interfacial layer on the performance of high bandgap tunnel junctions for multijunction solar cells. Applied Physics Letters, 2013, 103, .	3.3	26
12	Determination of carrier recombination lifetime in InGaAs quantum wells from external quantum efficiency measurements. , 2013, , .		1
13	Carrier Transport and Improved Collection in Thin-Barrier InGaAs/GaAsP Strained Quantum Well Solar Cells. IEEE Journal of Photovoltaics, 2013, 3, 278-283.	2.5	23
14	Tandem InGaP/GaAs-quantum well solar cells and their potential improvement through phosphorus carry-over management in multiple quantum well structures. , 2013, , .		0
15	Modeling an InGaP/AlGaAs tunnel junction containing an AlAs diffusion barrier. , 2013, , .		0
16	Interface properties of Ga(As,P)/(In,Ga)As strained multiple quantum well structures. Applied Physics Letters, 2013, 103, .	3.3	11
17	The optimization of high indium and high phosphorus content InGaAs/GaAsP strained layer superlattices for use in multijunction solar cells. , 2012, , .		1
18	Effects of Barrier Width on Spectral Response of Strained Layer Superlattices for High Efficiency Solar Cells. Materials Research Society Symposia Proceedings, 2009, 1211, 1.	0.1	3