

Vasilii Verbitskii

List of Publications by Year in descending order

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12
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Specific features of current flow in $\hat{1}\pm\text{-Si} : \text{H}/\text{Si}$ heterojunction solar cells. Technical Physics Letters, 2017, 43, 152-155.	0.7	25
2	Luminescence of solar cells with a-Si:H/c-Si heterojunctions. Technical Physics Letters, 2017, 43, 496-498.	0.7	6
3	Simulation of daytime variations in the characteristics of a-Si:H solar cells. Technical Physics, 2013, 58, 1625-1631.	0.7	4
4	Surface texture of single-crystal silicon oxidized under a thin V2O5 layer. Semiconductors, 2017, 51, 104-109.	0.5	4
5	Formation of ZnO nanorods on seed layers for piezoelectric nanogenerators. Journal of Physics: Conference Series, 2017, 917, 032022.	0.4	4
6	Annual dependences of generated power and electrical energy for a-Si:H-based solar cells. Technical Physics, 2013, 58, 1632-1637.	0.7	3
7	Study of the properties of solar cells based on a-Si:H p-i-n structures by admittance spectroscopy. Semiconductors, 2013, 47, 1090-1096.	0.5	3
8	Electroluminescent study of the efficiency of silicon heterostructural solar cells. Technical Physics Letters, 2017, 43, 779-782.	0.7	2
9	A study of the influence exerted by the spectral sensitivity of photoelectric units based on c-Si and $\hat{1}\pm\text{-Si}/\hat{1}/4\text{c-Si}$ and by operating conditions on their working efficiency. Technical Physics Letters, 2015, 41, 113-116.	0.7	1
10	Degradation of micromorphous thin-film silicon ($\hat{1}\pm\text{-Si}/\hat{1}/4\text{c-Si}$) solar modules: Evaluation of seasonal efficiency based on the data of monitoring. Semiconductors, 2017, 51, 1180-1185.	0.5	1
11	Analysis of light-induced degradation mechanisms in $\hat{1}\pm\text{-Si:H}/\hat{1}/4\text{c-Si:H}$ solar photovoltaics. Semiconductors, 2013, 47, 1252-1257.	0.5	0
12	Simulation of the natural characteristics of vertical a-Si:H/ $\hat{1}/4\text{c-Si:H}$ tandem solar cells. 2. Analysis of the results and comparison with the experiment. Semiconductors, 2015, 49, 693-699.	0.5	0