

Vasilii Verbitskii

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

53
citations

1937457

4
h-index

1588896

8
g-index

12
all docs

12
docs citations

12
times ranked

33
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific features of current flow in \hat{I}_{\pm} -Si : H/Si heterojunction solar cells. Technical Physics Letters, 2017, 43, 152-155.	0.2	25
2	Degradation of micromorphous thin-film silicon (\hat{I}_{\pm} -Si/ $\hat{I}_{1/4}$ c-Si) solar modules: Evaluation of seasonal efficiency based on the data of monitoring. Semiconductors, 2017, 51, 1180-1185.	0.2	1
3	Luminescence of solar cells with a-Si:H/c-Si heterojunctions. Technical Physics Letters, 2017, 43, 496-498.	0.2	6
4	Surface texture of single-crystal silicon oxidized under a thin V2O5 layer. Semiconductors, 2017, 51, 104-109.	0.2	4
5	Formation of ZnO nanorods on seed layers for piezoelectric nanogenerators. Journal of Physics: Conference Series, 2017, 917, 032022.	0.3	4
6	Electroluminescent study of the efficiency of silicon heterostructural solar cells. Technical Physics Letters, 2017, 43, 779-782.	0.2	2
7	Simulation of the natural characteristics of vertical a-Si:H/ $\hat{I}_{1/4}$ c-Si:H tandem solar cells. 2. Analysis of the results and comparison with the experiment. Semiconductors, 2015, 49, 693-699.	0.2	0
8	A study of the influence exerted by the spectral sensitivity of photoelectric units based on c-Si and \hat{I}_{\pm} -Si/ $\hat{I}_{1/4}$ c-Si and by operating conditions on their working efficiency. Technical Physics Letters, 2015, 41, 113-116.	0.2	1
9	Analysis of light-induced degradation mechanisms in \hat{I}_{\pm} -Si:H/ $\hat{I}_{1/4}$ c-Si:H solar photovoltaics. Semiconductors, 2013, 47, 1252-1257.	0.2	0
10	Simulation of daytime variations in the characteristics of a-Si:H solar cells. Technical Physics, 2013, 58, 1625-1631.	0.2	4
11	Annual dependences of generated power and electrical energy for a-Si:H-based solar cells. Technical Physics, 2013, 58, 1632-1637.	0.2	3
12	Study of the properties of solar cells based on a-Si:H p-i-n structures by admittance spectroscopy. Semiconductors, 2013, 47, 1090-1096.	0.2	3