

Oleksandr Smorodin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

47
citations

1937685

4
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1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

28
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear transport of the inhomogeneous Wigner solid in a channel geometry. <i>Physical Review B</i> , 2016, 94, .	3.2	9
2	The polaron state of surface electrons on helium covering a structured substrate. <i>Low Temperature Physics</i> , 2013, 39, 851-856.	0.6	1
3	Transport properties of surface electrons in helium on a structured substrate. <i>Low Temperature Physics</i> , 2012, 38, 915-921.	0.6	3
4	Possible formation of a self-localized state of quasi-one-dimensional surface electrons in dense helium vapor. <i>Low Temperature Physics</i> , 2011, 37, 95-100.	0.6	4
5	Decay of excited surface electron states in liquid helium and related relaxation phenomena induced by short-wavelength ripples. <i>Low Temperature Physics</i> , 2010, 36, 565-575.	0.6	20
6	Features of the transport of quasi-one-dimensional surface electrons in dense gaseous helium. <i>Low Temperature Physics</i> , 2009, 35, 766-769.	0.6	4
7	Anomalies of Conductivity of Quasi-One-Dimensional Surface Electron System over Liquid Helium in the Presence of Non-Uniform Potential. <i>Journal of Low Temperature Physics</i> , 2008, 150, 242-246.	1.4	2
8	Conductivity of a quasi-one-dimensional electron system over liquid helium in the presence of a nonuniform potential. <i>Low Temperature Physics</i> , 2008, 34, 593-599.	0.6	2
9	Influence of substrate charge on electron transport in narrow conducting channels. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 035221.	1.8	0
10	Conductivity anomaly of a nonuniform quasi-one-dimensional electron channel over liquid helium. <i>Low Temperature Physics</i> , 2007, 33, 886-888.	0.6	2
11	Carrier Transport in Quasi-One-Dimensional Conducting Channels in Condition of Localization. <i>Journal of Low Temperature Physics</i> , 2007, 149, 137-142.	1.4	0