

Viktor Nikolaenko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7575420/publications.pdf>

Version: 2024-02-01

31
papers

122
citations

1478505

6
h-index

1372567

10
g-index

31
all docs

31
docs citations

31
times ranked

25
citing authors

#	ARTICLE	IF	CITATIONS
1	INFRARED RECEIVER ON ELECTRON TRANSITIONS INTO THE AUTOLOCALIZED STATE OVER THE HELIUM FILM ON THE STRUCTURED SUBSTRATE. Telecommunications and Radio Engineering (English Translation of) Tj ETQq1 10.4784314orgBT / Over	0.4	2
2	DETECTORS OF INFRARED RADIATION AT THE SURFACE ELECTRONS FOR REGISTRATION AND VISUALIZATION. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2016, 75, 549-562.	0.4	2
3	The Analysis of Nano-Size Inhomogeneities of Substrate by Surface Electrons over Superfluid Helium Film. Journal of Physical Science and Application, 2016, 6, .	0.1	1
4	The polaron state of surface electrons on helium covering a structured substrate. Low Temperature Physics, 2013, 39, 851-856.	0.6	1
5	Transport properties of surface electrons in helium on a structured substrate. Low Temperature Physics, 2012, 38, 915-921.	0.6	3
6	Possible formation of a self-localized state of quasi-one-dimensional surface electrons in dense helium vapor. Low Temperature Physics, 2011, 37, 95-100.	0.6	4
7	Features of the transport of quasi-one-dimensional surface electrons in dense gaseous helium. Low Temperature Physics, 2009, 35, 766-769.	0.6	4
8	Anomalies of Conductivity of Quasi-One-Dimensional Surface Electron System over Liquid Helium in the Presence of Non-Uniform Potential. Journal of Low Temperature Physics, 2008, 150, 242-246.	1.4	2
9	Conductivity of a quasi-one-dimensional electron system over liquid helium in the presence of a nonuniform potential. Low Temperature Physics, 2008, 34, 593-599.	0.6	2
10	Influence of substrate charge on electron transport in narrow conducting channels. Journal of Physics Condensed Matter, 2008, 20, 035221.	1.8	0
11	Conductivity anomaly of a nonuniform quasi-one-dimensional electron channel over liquid helium. Low Temperature Physics, 2007, 33, 886-888.	0.6	2
12	Localization and Ordering of Carriers in a Quasi-One-Dimensional Electron System on Liquid Helium. Journal of Low Temperature Physics, 2007, 148, 175-179.	1.4	0
13	Carrier Transport in Quasi-One-Dimensional Conducting Channels in Condition of Localization. Journal of Low Temperature Physics, 2007, 149, 137-142.	1.4	0
14	Possible spatial ordering of particles in electron chains over liquid helium. Low Temperature Physics, 2006, 32, 617-620.	0.6	0
15	Anomalous behavior of conductivity of the confined Q1D electron system over liquid helium. Journal of Molecular Liquids, 2005, 120, 175-179.	4.9	1
16	Anomalous electron transport in the narrow conducting channels over liquid helium. Journal of Low Temperature Physics, 2005, 138, 427-432.	1.4	1
17	The Influence of a Magnetic Field on Anomalous Electron Transport in a Quasi-Two-Dimensional Electron System over Liquid Helium. Journal of Low Temperature Physics, 2005, 138, 433-437.	1.4	0
18	Transverse Magnetoresistive Effects in a Quasi-One-Dimensional Electron System Over Superfluid Helium. Journal of Low Temperature Physics, 2005, 138, 439-444.	1.4	3

#	ARTICLE	IF	CITATIONS
19	Anomalous charge transport in a quasi-one-dimensional electron system over liquid helium. Low Temperature Physics, 2003, 29, 960-962.	0.6	4
20	Magnetotransport in a quasi-one-dimensional electron system on superfluid helium. Low Temperature Physics, 2002, 28, 859-863.	0.6	6
21	Carrier transport and localization in a one-dimensional electronic system over liquid helium. Low Temperature Physics, 2001, 27, 1.	0.6	20
22	Weak localization effects in a quasi-one-dimensional electron system over liquid helium. JETP Letters, 2001, 73, 465-469.	1.4	14
23	One-dimensional electron system over liquid helium. Physica B: Condensed Matter, 2000, 284-288, 168-169.	2.7	4
24	Magnetoresistance of a quasi-one-dimensional electron system over superfluid helium. Physica B: Condensed Matter, 2000, 284-288, 170-171.	2.7	3
25	Localization of carriers in a one-dimensional electron system over liquid helium. Physica B: Condensed Matter, 2000, 284-288, 1958-1959.	2.7	1
26	Linear Electron Chains on the Liquid Helium Surface: Carrier Transport. Journal of Low Temperature Physics, 1998, 113, 1109-1114.	1.4	10
27	Mobility and Localization of Carriers in a Quasi-One-Dimensional Electron System over Liquid Helium. Journal of Low Temperature Physics, 1998, 110, 191-198.	1.4	18
28	Linear electron chains on the surface of superfluid helium. Low Temperature Physics, 1998, 24, 837-839.	0.6	4
29	Mobility and localization of charge carriers in a quasi-one-dimensional electron system over liquid helium. Low Temperature Physics, 1997, 23, 482-486.	0.6	8
30	Change in the properties of graphite and diamond when irradiated in a reactor for thermal and radiational I^3 -annealing. Atomic Energy, 1997, 82, 81-85.	0.4	3
31	The carrier mobility in a quasi-one-dimensional electron system over liquid helium. European Physical Journal D, 1996, 46, 347-348.	0.4	1