

# Valeriy Shikin

## List of Publications by Year in descending order

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29  
papers

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citations

1684188  
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1588992  
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g-index

29  
all docs

29  
docs citations

29  
times ranked

38  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoconductivity of 2D electron systems in magnetic field. JETP Letters, 2003, 77, 236-239.	1.4	15
2	Dip problem of the electron mobility on a thin helium film. Physical Review B, 2001, 64, .	3.2	12
3	Effective mass of a charged carrier in a nonpolar liquid: Snowball effect in superfluid helium. Physical Review B, 2007, 75, .	3.2	8
4	Frequency dispersion of the electric conductivity of liquid electrolytes. Europhysics Letters, 2007, 80, 26003.	2.0	7
5	Dynamics of charged clusters in liquids in the psuedo-steady regime. Europhysics Letters, 2009, 85, 16001.	2.0	5
6	Capacitance-voltage characteristics of metal-insulator-semiconductor structures (Review article). Low Temperature Physics, 2019, 45, 823-840.	0.6	4
7	Minimum energy of a free electron in inert gases. JETP Letters, 2005, 82, 236-240.	1.4	3
8	Relaxation phenomena in cryogenic electrolytes. Low Temperature Physics, 2013, 39, 552-555.	0.6	3
9	On stability of the liquid-vapor interface in external electric field. Physica B: Condensed Matter, 2015, 460, 129-131.	2.7	3
10	On the Correlation between Properties of Multielectron Dimples and Bubbles. Journal of Low Temperature Physics, 2008, 150, 247-251.	1.4	2
11	Quantum Hall effect in narrow Coulomb channels. Physical Review B, 2011, 84, .	3.2	2
12	Current-voltage characteristics of Corbino disks under quantum Hall effect conditions. Low Temperature Physics, 2016, 42, 17-20.	0.6	2
13	Electrochemical impedance in ac diagnostics of weakly conducting media. Low Temperature Physics, 2021, 47, 611-619.	0.6	2
14	Accumulation layers in cryogenic electrolytes. Low Temperature Physics, 2020, 46, 1108-1113.	0.6	2
15	Mobility of electrons on a liquid-helium film with a rough substrate. JETP Letters, 2002, 76, 355-359.	1.4	1
16	On the phase diagram of the development of an instability of a massive charged surface of liquid helium. Low Temperature Physics, 2003, 29, 382-385.	0.6	1
17	Delta-percolation in quasi-one-dimensional electron systems. Physica B: Condensed Matter, 2009, 404, 459-461.	2.7	1
18	Ionic dipoles in helium. JETP Letters, 2011, 93, 648-651.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Proximity effects in cold gases of multiply charged atoms (Review). <i>Low Temperature Physics</i> , 2016, 42, 519-536.	0.6	1
20	Acoustic edge magnetoplasmons and the quantum Hall effect. <i>Low Temperature Physics</i> , 2017, 43, 120-124.	0.6	1
21	Negative ions in cryogenic media (Review Article). <i>Low Temperature Physics</i> , 2017, 43, 641-649.	0.6	1
22	Barium ions in liquid helium. <i>Low Temperature Physics</i> , 2018, 44, 401-409.	0.6	1
23	Photoconductivity of 2D electrons over helium in the presence of cyclotron pumping. <i>JETP Letters</i> , 2003, 78, 314-318.	1.4	0
24	Anticrossing phenomena in a resonator with 2D electrons on liquid helium. <i>JETP Letters</i> , 2004, 79, 183-187.	1.4	0
25	Optical transitions for 2D electrons at the solid hydrogen-vapor interface. <i>JETP Letters</i> , 2005, 82, 669-673.	1.4	0
26	Coulomb edge states in electronic 2D systems. <i>JETP Letters</i> , 2009, 90, 64-69.	1.4	0
27	Periodic spinodal decomposition as a self-limited instability. <i>Physica B: Condensed Matter</i> , 2015, 460, 126-128.	2.7	0
28	Integer channels in nonuniform non-equilibrium 2D systems. <i>Low Temperature Physics</i> , 2018, 44, 56-64.	0.6	0
29	Seebeck Effect in Colloidal Electrolytes. <i>Russian Journal of Electrochemistry</i> , 2021, 57, 930-937.	0.9	0