

# 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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all docs

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docs citations

29  
times ranked

38  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical impedance in ac diagnostics of weakly conducting media. <i>Low Temperature Physics</i> , 2021, 47, 611-619.	0.6	2
2	Seebeck Effect in Colloidal Electrolytes. <i>Russian Journal of Electrochemistry</i> , 2021, 57, 930-937.	0.9	0
3	Accumulation layers in cryogenic electrolytes. <i>Low Temperature Physics</i> , 2020, 46, 1108-1113.	0.6	2
4	Capacitance-voltage characteristics of metal-insulator-semiconductor structures (Review article). <i>Low Temperature Physics</i> , 2019, 45, 823-840.	0.6	4
5	Integer channels in nonuniform non-equilibrium 2D systems. <i>Low Temperature Physics</i> , 2018, 44, 56-64.	0.6	0
6	Barium ions in liquid helium. <i>Low Temperature Physics</i> , 2018, 44, 401-409.	0.6	1
7	Acoustic edge magnetoplasmons and the quantum Hall effect. <i>Low Temperature Physics</i> , 2017, 43, 120-124.	0.6	1
8	Negative ions in cryogenic media (Review Article). <i>Low Temperature Physics</i> , 2017, 43, 641-649.	0.6	1
9	Proximity effects in cold gases of multiply charged atoms (Review). <i>Low Temperature Physics</i> , 2016, 42, 519-536.	0.6	1
10	Current-voltage characteristics of Corbino disks under quantum Hall effect conditions. <i>Low Temperature Physics</i> , 2016, 42, 17-20.	0.6	2
11	On stability of the liquid-vapor interface in external electric field. <i>Physica B: Condensed Matter</i> , 2015, 460, 129-131.	2.7	3
12	Periodic spinodal decomposition as a self-limited instability. <i>Physica B: Condensed Matter</i> , 2015, 460, 126-128.	2.7	0
13	Relaxation phenomena in cryogenic electrolytes. <i>Low Temperature Physics</i> , 2013, 39, 552-555.	0.6	3
14	Ionic dipoles in helium. <i>JETP Letters</i> , 2011, 93, 648-651.	1.4	1
15	Quantum Hall effect in narrow Coulomb channels. <i>Physical Review B</i> , 2011, 84, .	3.2	2
16	Coulomb edge states in electronic 2D systems. <i>JETP Letters</i> , 2009, 90, 64-69.	1.4	0
17	Delta-percolation in quasi-one-dimensional electron systems. <i>Physica B: Condensed Matter</i> , 2009, 404, 459-461.	2.7	1
18	Dynamics of charged clusters in liquids in the psuedo-steady regime. <i>Europhysics Letters</i> , 2009, 85, 16001.	2.0	5

#	ARTICLE	IF	CITATIONS
19	On the Correlation between Properties of Multielectron Dimples and Bubbles. Journal of Low Temperature Physics, 2008, 150, 247-251.	1.4	2
20	Frequency dispersion of the electric conductivity of liquid electrolytes. Europhysics Letters, 2007, 80, 26003.	2.0	7
21	Effective mass of a charged carrier in a nonpolar liquid: Snowball effect in superfluid helium. Physical Review B, 2007, 75, .	3.2	8
22	Minimum energy of a free electron in inert gases. JETP Letters, 2005, 82, 236-240.	1.4	3
23	Optical transitions for 2D electrons at the solid hydrogen-vapor interface. JETP Letters, 2005, 82, 669-673.	1.4	0
24	Anticrossing phenomena in a resonator with 2D electrons on liquid helium. JETP Letters, 2004, 79, 183-187.	1.4	0
25	Photoconductivity of 2D electron systems in magnetic field. JETP Letters, 2003, 77, 236-239.	1.4	15
26	Photoconductivity of 2D electrons over helium in the presence of cyclotron pumping. JETP Letters, 2003, 78, 314-318.	1.4	0
27	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
28	Mobility of electrons on a liquid-helium film with a rough substrate. JETP Letters, 2002, 76, 355-359.	1.4	1
29	Dip problem of the electron mobility on a thin helium film. Physical Review B, 2001, 64, .	3.2	12