

# Leonid Mezhov-Deglin

## List of Publications by Year in descending order

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33  
papers

199  
citations

1163117

8  
h-index

1125743

13  
g-index

33  
all docs

33  
docs citations

33  
times ranked

83  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of a second sound waves in a resonator with a deuterium gel. <i>Low Temperature Physics</i> , 2020, 46, 1057-1062.	0.6	0
2	Formation and Decay of Vortex Motion on a Liquid Surface (Scientific Summary). <i>JETP Letters</i> , 2020, 111, 549-561.	1.4	4
3	SANS and X-ray studies of the structural transitions in impurity-helium gel samples. <i>Low Temperature Physics</i> , 2020, 46, 125-132.	0.6	1
4	The evolution of vortices on the surface of normal He I. <i>Low Temperature Physics</i> , 2020, 46, 133-138.	0.6	3
5	Waves on the He-II Surface, Excited by a Heat Flux in the Bulk. <i>Journal of Experimental and Theoretical Physics</i> , 2019, 129, 591-606.	0.9	1
6	Vortices on the Surface of Normal He I Generated by the Rayleigh-Bénard Thermogravitational Convection in the Bulk of a Liquid. <i>JETP Letters</i> , 2019, 110, 551-556.	1.4	5
7	Modulation Instability of a Gravity Wave and Generation of a Direct Cascade of Vortex Energy on the Surface of Water. <i>Journal of Surface Investigation</i> , 2018, 12, 1298-1303.	0.5	1
8	Macroscopic vortices on the surface of superfluid He II. <i>Low Temperature Physics</i> , 2018, 44, 1005-1019.	0.6	7
9	Energy transfer to the low-frequency region of the turbulence spectrum of gravity waves on superfluid He II surfaces owing to four-wave processes. <i>Low Temperature Physics</i> , 2018, 44, 126-129.	0.6	1
10	A Combined Cryostat for Neutron and Optical Investigations. <i>Instruments and Experimental Techniques</i> , 2018, 61, 459-466.	0.5	2
11	Decay instability of gravity-capillary waves on liquid hydrogen surfaces. <i>Low Temperature Physics</i> , 2017, 43, 325-328.	0.6	5
12	Faraday waves and vortices on the surface of superfluid He II. <i>JETP Letters</i> , 2017, 106, 252-257.	1.4	19
13	Neutron Scattering on Impurity Nanoclusters in Gel Samples. <i>Advances in High Energy Physics</i> , 2015, 2015, 1-4.	1.1	4
14	Low-frequency subharmonics in the turbulent spectrum on the surface of liquid hydrogen. <i>JETP Letters</i> , 2015, 100, 669-674.	1.4	5
15	Nanocluster magnetic gel in superfluid He-II. <i>JETP Letters</i> , 2014, 99, 32-36.	1.4	2
16	Helium impurity nanocluster gels in superfluid helium. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013, 77, 48-52.	0.6	3
17	Instability of Small Deuterium Clusters in Superfluid Helium near the $\lambda$ Point. <i>Journal of Low Temperature Physics</i> , 2013, 171, 718-724.	1.4	4
18	Structural transitions in ice samples at low temperatures and pressures. <i>JETP Letters</i> , 2011, 94, 621-625.	1.4	11

#	ARTICLE	IF	CITATIONS
19	Neutron Studies of Impurity Gels of Heavy Water and Deuterium in Superfluid He-II. Journal of Low Temperature Physics, 2008, 150, 206-211.	1.4	16
20	Scattering of Cold Neutrons on Gel Samples Formed by Impurity Clusters in Superfluid He-II. Journal of Low Temperature Physics, 2007, 148, 833-837.	1.4	16
21	Suppression of high-frequency turbulent oscillations of the fluid surface by additional low-frequency pumping. JETP Letters, 2005, 82, 565-569.	1.4	9
22	Watergelâ€”a new form of water condensed in liquid 4He. Low Temperature Physics, 2002, 28, 165-171.	0.6	4
23	Thermal conductivity of fullerite C60 crystals at low temperatures. Low Temperature Physics, 2001, 27, 412-413.	0.6	4
24	An Apparatus for Studying Condensed Impurity Systems in Liquid Helium. Instruments and Experimental Techniques, 2001, 44, 279-284.	0.5	1
25	Capillary turbulence at the surface of liquid hydrogen. JETP Letters, 2001, 73, 398-400.	1.4	22
26	Measurement of the boundary frequency of the inertial interval of capillary wave turbulence at the surface of liquid hydrogen. JETP Letters, 2001, 74, 583-585.	1.4	16
27	The Second Chernogolovka Workshop on Low Temperature Physics in Microgravity Environment (CWS-99), July 28â€”August 2, 1999. Low Temperature Physics, 2000, 26, 232-234.	0.6	0
28	Static phenomena at the charged surface of liquid hydrogen. Low Temperature Physics, 1999, 25, 242-249.	0.6	16
29	Nonlinear second sound in He-II under pressure. Low Temperature Physics, 1999, 25, 407-409.	0.6	4
30	Reconstruction of Charged Hydrogen Surface. Journal of Low Temperature Physics, 1998, 111, 589-595.	1.4	3
31	Thermal conductivity of anisotropic HTS crystals $YBa_2Cu_3O_{7-x}$ and $Bi_2Sr_2CaCu_2O_{8+y}$ . Low Temperature Physics, 1997, 23, 204-212.	0.6	6
32	Experimental investigation of charged liquid hydrogen surface. European Physical Journal D, 1996, 46, 325-326.	0.4	0
33	Movement of charges in solid deuterium. JETP Letters, 1996, 63, 376-380.	1.4	4