Leonid Mezhov-Deglin

List of Publications by Year
in descending order

33	199	1163117 8	1125743 13
papers	citations	h-index	g-index

33	33	33	83
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capillary turbulence at the surface of liquid hydrogen. JETP Letters, 2001, 73, 398-400.	1.4	22
2	Faraday waves and vortices on the surface of superfluid He II. JETP Letters, 2017, 106, 252-257.	1.4	19
3	Static phenomena at the charged surface of liquid hydrogen. Low Temperature Physics, 1999, 25, 242-249.	0.6	16
4	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
5	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
6	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
7	Structural transitions in ice samples at low temperatures and pressures. JETP Letters, 2011, 94, 621-625.	1.4	11
8	Suppression of high-frequency turbulent oscillations of the fluid surface by additional low-frequency pumping. JETP Letters, 2005, 82, 565-569.	1.4	9
9	Macroscopic vortices on the surface of superfluid He II. Low Temperature Physics, 2018, 44, 1005-1019.	0.6	7
10	Thermal conductivity of anisotropic HTS crystals YBa2Cu3O7â^'x and Bi2Sr2CaCu2O8+y. Low Temperature Physics, 1997, 23, 204-212.	0.6	6
11	Low-frequency subharmonics in the turbulent spectrum on the surface of liquid hydrogen. JETP Letters, 2015, 100, 669-674.	1.4	5
12	Decay instability of gravity-capillary waves on liquid hydrogen surfaces. Low Temperature Physics, 2017, 43, 325-328.	0.6	5
13	Vortices on the Surface of Normal He I Generated by the Rayleighâ€“BÃ©nard Thermogravitational Convection in the Bulk of a Liquid. JETP Letters, 2019, 110, 551-556.	1.4	5
14	Movement of charges in solid deuterium. JETP Letters, 1996, 63, 376-380.	1.4	4
15	Nonlinear second sound in He-II under pressure. Low Temperature Physics, 1999, 25, 407-409.	0.6	4
16	Thermal conductivity of fullerite C60 crystals at low temperatures. Low Temperature Physics, 2001, 27, 412-413.	0.6	4
17	Watergelâ€”a new form of water condensed in liquid 4He. Low Temperature Physics, 2002, 28, 165-171.	0.6	4
18	Instability of Small Deuterium Clusters in Superfluid Helium near the Î» Point. Journal of Low Temperature Physics, 2013, 171, 718-724.	1.4	4

#	Article	IF	Citations
19	Neutron Scattering on Impurity Nanoclusters in Gel Samples. Advances in High Energy Physics, 2015, 2015, 1-4.	1.1	4
20	Formation and Decay of Vortex Motion on a Liquid Surface (Scientific Summary). JETP Letters, 2020, 111, 549-561.	1.4	4
21	Reconstruction of Charged Hydrogen Surface. Journal of Low Temperature Physics, 1998, 111, 589-595.	1.4	3
22	Helium impurity nanocluster gels in superfluid helium. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 48-52.	0.6	3
23	The evolution of vortices on the surface of normal He I. Low Temperature Physics, 2020, 46, 133-138.	0.6	3
24	Nanocluster magnetic gel in superfluid He-II. JETP Letters, 2014, 99, 32-36.	1.4	2
25	A Combined Cryostat for Neutron and Optical Investigations. Instruments and Experimental Techniques, 2018, 61, 459-466.	0.5	2
26	An Apparatus for Studying Condensed Impurity Systems in Liquid Helium. Instruments and Experimental Techniques, 2001, 44, 279-284.	0.5	1
27	Modulation Instability of a Gravity Wave and Generation of a Direct Cascade of Vortex Energy on the Surface of Water. Journal of Surface Investigation, 2018, 12, 1298-1303.	0.5	1
28	Energy transfer to the low-frequency region of the turbulence spectrum of gravity waves on superfluid He II surfaces owing to four-wave processes. Low Temperature Physics, 2018, 44, 126-129.	0.6	1
29	Waves on the He-II Surface, Excited by a Heat Flux in the Bulk. Journal of Experimental and Theoretical Physics, 2019, 129, 591-606.	0.9	1
30	SANS and X-ray studies of the structural transitions in impurity-helium gel samples. Low Temperature Physics, 2020, 46, 125-132.	0.6	1
31	Experimental investigation of charged liquid hydrogen surface. European Physical Journal D, 1996, 46, 325-326.	0.4	0
32	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
33	Propagation of a second sound waves in a resonator with a deuterium gel. Low Temperature Physics, 2020, 46, 1057-1062.	0.6	0