Leonid V Abdurakhimov

List of Publications by Year
in descending order

25	221	1040056 9	1058476 14
papers	citations	h-index	g-index

25	25	25	205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Normal-Mode Splitting in the Coupled System of Hybridized Nuclear Magnons and Microwave Photons. Physical Review Letters, 2015, 114, 226402.	7.8	36
2	A long-lived capacitively shunted flux qubit embedded in a 3D cavity. Applied Physics Letters, 2019, 115, .	3.3	28
3	Photoconductivity Response at Cyclotron-Resonance Harmonics in a Nondegenerate Two-Dimensional Electron Gas on Liquid Helium. Physical Review Letters, 2015, 115, 256802.	7.8	23
4	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
5	Spin-Resonance Linewidths of Bismuth Donors in Silicon Coupled to Planar Microresonators. Physical Review Applied, 2020, 14, .	3.8	13
6	Bidirectional energy cascade in surface capillary waves. Physical Review E, 2015, 91, 023021.	2.1	12
7	Observation of wave energy accumulation in the turbulent spectrum of capillary waves on the He-II surface under harmonic pumping. JETP Letters, 2010, 91, 271-276.	1.4	11
8	Strong Coupling of the Cyclotron Motion of Surface Electrons on Liquid Helium to a Microwave Cavity. Physical Review Letters, 2016, 117, 056803.	7.8	11
9	Capillary Turbulence on the Surfaces of Quantum Fluids. Progress in Low Temperature Physics, 2009, , 305-349.	0.2	10
10	Capillary turbulence on the surface of normal and superfluid He4. Low Temperature Physics, 2009, 35, 95-99.	0.6	8
11	Evolution of a turbulent cascade on the surface of liquid hydrogen under a change in the spectral characteristic of an exciting force. JETP Letters, 2009, 89, 120-123.	1.4	8
12	Cyclotron resonant photoresponse of a multisubband two-dimensional electron system on liquid helium. Physical Review B, 2014, 90, .	3.2	8
13	Study of high-frequency edge of turbulent cascade on the surface of He-II. Journal of Physics: Conference Series, 2009, 150, 032001.	0.4	6
14	Driven-state relaxation of a coupled qubit-defect system in spin-locking measurements. Physical Review B, 2020, 102, .	3.2	5
15	Turbulence of Capillary Waves on the Surface of Quantum Liquids. Journal of Low Temperature Physics, 2007, 148, 245-249.	1.4	4
16	Statistics of Capillary Waves on the Surface of Liquid Hydrogen in a Turbulent Regime. Journal of Low Temperature Physics, 2008, 150, 431-434.	1.4	4
17	â€œQuasi-Planckâ€•spectra of capillary turbulence on the surface of liquid hydrogen. JETP Letters, 2011, 93, 31-34.	1.4	4
18	Kinetic and discrete turbulence on the surface of quantum liquids. Physics-Uspekhi, 2012, 55, 818-825.	2.2	4

#	Article	IF	Citations
19	Developed Capillary Turbulence on the Surface ofÂNormal and Superfluid 4He. Journal of Low Temperature Physics, 2008, 150, 426-430.	1.4	3
20	Distribution of the probability of oscillations of the surface of liquid hydrogen in the turbulent regime. JETP Letters, 2008, 88, 19-23.	1.4	3
21	Turbulent capillary cascade near the edge of the inertial range on the surface of a quantum liquid. JETP Letters, 2012, 95, 670-679.	1.4	3
22	Classical capillary turbulence on the surface of quantum liquid He-II. Low Temperature Physics, 2011, 37, 403-407.	0.6	1
23	Modification of turbulent cascade on the surface of liquid hydrogen with variation of the spectral characteristic of low frequency excitation. Journal of Physics: Conference Series, 2009, 150, 032011.	0.4	0
24	Two different regimes of the turbulent wave cascade decay on the surface of quantum liquids. Journal of Physics: Conference Series, 2012, 400, 012001.	0.4	0
25	Collective Excitations in a Two-Dimensional Electron System on Liquid Helium-4 under Cyclotron Resonant Condition. Journal of the Physical Society of Japan, 2015, 84, 053601.	1.6	0