

# Serguei Burmistrov

## List of Publications by Year in descending order

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15  
papers

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1937685  
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15  
all docs

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docs citations

15  
times ranked

19  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Supersaturation of Superfluid 3He-4He Mixtures. Journal of Low Temperature Physics, 2002, 127, 81-117.	1.4	18
2	Rayleigh-Taylor instability of crystallization waves at the superfluid-solid interface. Physical Review E, 2009, 79, 051606.	2.1	13
3	Molar volume of superfluid 3He-4He mixtures: The dependence of the Bardeen-Baym-Pines parameter on temperature, pressure, and 3He concentration. Physical Review B, 2003, 67, .	3.2	10
4	Quantum Fingering of the Inverted Liquid-Crystal 4He Interface in the Field of Gravity. Journal of Low Temperature Physics, 2008, 150, 295-300.	1.4	5
5	Title is missing!. Journal of Low Temperature Physics, 1998, 110, 479-484.	1.4	4
6	Charge-induced instability and macroscopic quantum nucleation phenomena at a crystalline 4He facet. Physical Review B, 2012, 85, .	3.2	3
7	On the electron spectrum of a type-II superconductor in magnetic field. The magnetization oscillations. European Physical Journal D, 1996, 46, 895-896.	0.4	2
8	Spectrum of facet crystallization waves at smooth 4He crystal surfaces. Low Temperature Physics, 2011, 37, 372-377.	0.6	2
9	Quantum nucleation of cavities in a liquid helium at low temperatures. Low Temperature Physics, 1997, 23, 389-396.	0.6	1
10	Nucleation at quantized vortices and the heterogeneous phase separation in supersaturated superfluid 3He-4He liquid mixtures. Low Temperature Physics, 2018, 44, 985-993.	0.6	1
11	Quantum nucleation in a supersaturated liquid 3He-4He mixture. European Physical Journal D, 1996, 46, 195-196.	0.4	0
12	On the theory of the quantum cavitation in a liquid helium at negative pressures. European Physical Journal D, 1996, 46, 385-386.	0.4	0
13	Vibrational Spectrum of a Liquid Drop in Phase-Separated 3He-4He with a Highly Mobile Interface. Journal of Low Temperature Physics, 2002, 126, 309-314.	1.4	0
14	Transmission of crystallization waves across the edge between the rough and faceted crystalline surfaces at the superfluid-solid interface. Physical Review B, 2020, 101, .	3.2	0
15	Cavitation on single electron bubbles in liquid helium at small negative pressures. Physical Review B, 2022, 105, .	3.2	0