

# Vladimir Sumarokov

## List of Publications by Year in descending order

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28  
papers

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citations

933447

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940533

16  
g-index

29  
all docs

29  
docs citations

29  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal conductivity of solid nitrogen. <i>Physical Review B</i> , 1994, 50, 543-546.	3.2	38
2	The specific heat and the radial thermal expansion of bundles of single-walled carbon nanotubes. <i>Low Temperature Physics</i> , 2012, 38, 523-528.	0.6	32
3	Thermal conductivity of solid oxygen. <i>Physical Review Letters</i> , 1993, 71, 97-100.	7.8	27
4	The heat capacity of nitrogen chain in grooves of single-walled carbon nanotube bundles. <i>Low Temperature Physics</i> , 2013, 39, 441-445.	0.6	18
5	Quantum melting in a system of rotors. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 3855-3858.	1.8	17
6	Thermal conductivity of solid methane. <i>Physical Review B</i> , 1997, 55, 5578-5580.	3.2	16
7	A simple low-temperature adiabatic calorimeter for small samples. <i>Low Temperature Physics</i> , 2011, 37, 424-426.	0.6	16
8	Experimental low-temperature heat capacity of one-dimensional xenon adsorbate chains in the grooves of carbon c-SWNT bundles. <i>Low Temperature Physics</i> , 2013, 39, 618-621.	0.6	15
9	The low-temperature specific heat of MWCNTs. <i>Low Temperature Physics</i> , 2019, 45, 347-354.	0.6	15
10	The low-temperature heat capacity of fullerite C60. <i>Low Temperature Physics</i> , 2015, 41, 630-636.	0.6	10
11	Heat Capacity of 1D Molecular Chains. <i>Journal of Low Temperature Physics</i> , 2017, 187, 113-123.	1.4	10
12	Low-temperature thermal conductivity of solid carbon dioxide. <i>Low Temperature Physics</i> , 2003, 29, 449-450.	0.6	9
13	Heat capacity of one-dimensional chains of methane molecules in the outer grooves of carbon nanotube bundles. <i>Low Temperature Physics</i> , 2016, 42, 94-98.	0.6	9
14	Thermal conductivity of solid argon with oxygen admixtures. <i>Physical Review B</i> , 1998, 58, 2380-2382.	3.2	8
15	Heat transfer in solid CH <sub>4</sub> : Influence of an atomic impurity (Kr). <i>Physical Review B</i> , 1998, 58, 3089-3093.	3.2	6
16	Low-temperature heat capacity of fullerite C60 doped with deuteromethane. <i>Low Temperature Physics</i> , 2012, 38, 67-73.	0.6	6
17	Temperature dependence of the magnetic susceptibility of solid oxygen. <i>Low Temperature Physics</i> , 2006, 32, 1082-1085.	0.6	5
18	The peculiarities of heat transfer in CO <sub>2</sub> and N <sub>2</sub> O solids at low temperatures. <i>Low Temperature Physics</i> , 2007, 33, 595-599.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Theory of the thermal expansion anomaly in solid nitrogen due to O <sub>2</sub> impurity. Journal of Physics C: Solid State Physics, 1986, 19, 5309-5317.	1.5	3
20	Low-temperature dynamics of matrix isolated methane molecules in fullerite C <sub>60</sub> : The heat capacity, isotope effects. Low Temperature Physics, 2014, 40, 678-684.	0.6	3
21	Thermal conductivity of solid oxygen doped with nonmagnetic impurities. Journal of Physics Condensed Matter, 1995, 7, L631-L636.	1.8	2
22	Investigations of thermal conductivity of simple van der Waals crystal-based nanocomposites. Low Temperature Physics, 2015, 41, 492-494.	0.6	2
23	Thermal conductivity of solid nitrogen doped with oxygen impurities. High Temperatures - High Pressures, 1997, 29, 423-430.	0.3	2
24	Thermal conductivity of solid parahydrogen with methane admixtures. Low Temperature Physics, 2003, 29, 527-529.	0.6	1
25	Thermal Conductivity of Crystalline Deuterated Methane. Journal of Low Temperature Physics, 2005, 139, 563-566.	1.4	1
26	The influence of the disordered dipole subsystem on the thermal conductivity of solid CO at low temperatures. Low Temperature Physics, 2009, 35, 343-347.	0.6	1
27	Excess thermal resistivity in N <sub>2</sub> –CO solid solution at low carbon monoxide concentration. Low Temperature Physics, 2003, 29, 744-745.	0.6	0
28	The thermal diffusivity of molecular cryocrystals. Low Temperature Physics, 2019, 45, 343-346.	0.6	0