

Vladimir Sumarokov

List of Publications by Year in descending order

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28
papers

277
citations

933447

10
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	The thermal diffusivity of molecular cryocrystals. <i>Low Temperature Physics</i> , 2019, 45, 343-346.	0.6	0
2	The low-temperature specific heat of MWCNTs. <i>Low Temperature Physics</i> , 2019, 45, 347-354.	0.6	15
3	Heat Capacity of 1D Molecular Chains. <i>Journal of Low Temperature Physics</i> , 2017, 187, 113-123.	1.4	10
4	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
5	The low-temperature heat capacity of fullerite C60. <i>Low Temperature Physics</i> , 2015, 41, 630-636.	0.6	10
6	Investigations of thermal conductivity of simple van der Waals crystal-based nanocomposites. <i>Low Temperature Physics</i> , 2015, 41, 492-494.	0.6	2
7	Low-temperature dynamics of matrix isolated methane molecules in fullerite C60: The heat capacity, isotope effects. <i>Low Temperature Physics</i> , 2014, 40, 678-684.	0.6	3
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 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
10	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
11	Low-temperature heat capacity of fullerite C60 doped with deuteromethane. <i>Low Temperature Physics</i> , 2012, 38, 67-73.	0.6	6
12	A simple low-temperature adiabatic calorimeter for small samples. <i>Low Temperature Physics</i> , 2011, 37, 424-426.	0.6	16
13	The influence of the disordered dipole subsystem on the thermal conductivity of solid CO at low temperatures. <i>Low Temperature Physics</i> , 2009, 35, 343-347.	0.6	1
14	The peculiarities of heat transfer in CO ₂ and N ₂ O solids at low temperatures. <i>Low Temperature Physics</i> , 2007, 33, 595-599.	0.6	5
15	Temperature dependence of the magnetic susceptibility of solid oxygen. <i>Low Temperature Physics</i> , 2006, 32, 1082-1085.	0.6	5
16	Thermal Conductivity of Crystalline Deuterated Methane. <i>Journal of Low Temperature Physics</i> , 2005, 139, 563-566.	1.4	1
17	Low-temperature thermal conductivity of solid carbon dioxide. <i>Low Temperature Physics</i> , 2003, 29, 449-450.	0.6	9
18	Excess thermal resistivity in N ₂ –CO solid solution at low carbon monoxide concentration. <i>Low Temperature Physics</i> , 2003, 29, 744-745.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Thermal conductivity of solid parahydrogen with methane admixtures. <i>Low Temperature Physics</i> , 2003, 29, 527-529.	0.6	1
20	Thermal conductivity of solid argon with oxygen admixtures. <i>Physical Review B</i> , 1998, 58, 2380-2382.	3.2	8
21	Heat transfer in solid CH ₄ : Influence of an atomic impurity (Kr). <i>Physical Review B</i> , 1998, 58, 3089-3093.	3.2	6
22	Thermal conductivity of solid methane. <i>Physical Review B</i> , 1997, 55, 5578-5580.	3.2	16
23	Thermal conductivity of solid nitrogen doped with oxygen impurities. <i>High Temperatures - High Pressures</i> , 1997, 29, 423-430.	0.3	2
24	Thermal conductivity of solid oxygen doped with nonmagnetic impurities. <i>Journal of Physics Condensed Matter</i> , 1995, 7, L631-L636.	1.8	2
25	Thermal conductivity of solid nitrogen. <i>Physical Review B</i> , 1994, 50, 543-546.	3.2	38
26	Thermal conductivity of solid oxygen. <i>Physical Review Letters</i> , 1993, 71, 97-100.	7.8	27
27	Quantum melting in a system of rotors. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 3855-3858.	1.8	17
28	Theory of the thermal expansion anomaly in solid nitrogen due to O ₂ impurity. <i>Journal of Physics C: Solid State Physics</i> , 1986, 19, 5309-5317.	1.5	3