Maksym Barabashko

List of Publications by Year
in descending order

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20	177	1040056 9	1125743 13
papers	citations	h-index	g-index

21	21	21	75
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Possible Nature of Armchair-Zigzag Structure Formation and Heat Capacity Decrease in MWCNTs. Materials, 2022, 15, 518.	2.9	5
2	Analysis of electron microscopic images of multi-walled carbon nanotubes: Determination of the average diameter. AIP Conference Proceedings, 2022, , .	0.4	1
3	Calorimetric, NEXAFS and XPS studies of MWCNTs with low defectiveness. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 331-336.	2.1	9
4	Influence of Porosity on Fracture Toughness of Hydroxyapatite/Multi-Walled Carbon Nanotubes Biocomposite Materials. Russian Physics Journal, 2021, 63, 1885-1890.	0.4	4
5	Analysis of Temperature Gradients in the Hydroxyapatite Ceramics with the Additives of Multi-Walled Carbon Nanotubes. Russian Journal of Physical Chemistry A, 2021, 95, 1017-1022.	0.6	2
6	Variation of Vickers microhardness and compression strength of the bioceramics based on hydroxyapatite by adding the multi-walled carbon nanotubes. Applied Nanoscience (Switzerland), 2020, 10, 2601-2608.	3.1	18
7	Experimental measurements and calculation of fracture toughness coefficient of a hydroxyapatite composite with small concentrations of additives of multi-walled carbon nanotubes. AIP Conference Proceedings, 2020, , .	0.4	3
8	The low-temperature specific heat of MWCNTs. Low Temperature Physics, 2019, 45, 347-354.	0.6	15
9	Heat Capacity of 1D Molecular Chains. Journal of Low Temperature Physics, 2017, 187, 113-123.	1.4	10
10	Low temperature heat capacity and sound velocity in fullerite C₆₀ orientational glasses. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 661-666.	2.1	5
11	Low temperature features of sound velocity in fullerite C60 orientational glasses. AIP Conference Proceedings, 2017, , .	0.4	0
12	Heat capacity of one-dimensional chains of methane molecules in the outer grooves of carbon nanotube bundles. Low Temperature Physics, 2016, 42, 94-98.	0.6	9
13	The low-temperature heat capacity of fullerite C60. Low Temperature Physics, 2015, 41, 630-636.	0.6	10
14	The Heat Capacity of Nanotube Bundles with 1D Chains of Gas Adsorbates. NATO Science for Peace and Security Series C: Environmental Security, 2015, , 121-130.	0.2	2
15	Heat Capacity of 1D Chains of Atom/Molecule Adsorbates in the Grooves of c-SWNT Bundles. Springer Proceedings in Physics, 2015, , 175-184.	0.2	2
16	Low-temperature dynamics of matrix isolated methane molecules in fullerite C60: The heat capacity, isotope effects. Low Temperature Physics, 2014, 40, 678-684.	0.6	3
17	Thermal vacancies in one-dimensional Xe adsorbate chains in grooves of nanotube bundles. JETP Letters, 2014, 99, 461-465.	1.4	14
18	Experimental low-temperature heat capacity of one-dimensional xenon adsorbate chains in the grooves of carbon c-SWNT bundles. Low Temperature Physics, 2013, 39, 618-621.	0.6	15

#	Article	IF	Citations
19	The heat capacity of nitrogen chain in grooves of single-walled carbon nanotube bundles. Low Temperature Physics, 2013, 39, 441-445.	0.6	18
20	The specific heat and the radial thermal expansion of bundles of single-walled carbon nanotubes. Low Temperature Physics, 2012, 38, 523-528.	0.6	32