Razet Basnukaeva

List of Publications by Year
in descending order

23	169	1478505 6	1125743 13
papers	citations	h-index	g-index

23	23	23	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of the thermal reduction temperature on the structure and sorption capacity of reduced graphene oxide materials. Applied Surface Science, 2016, 361, 213-220.	6.1	78
2	Kinetics of 3He, 4He, H2, D2, Ne, and N2 sorption by bundles of single-walled carbon nanotubes. Quantum effects. Low Temperature Physics, 2014, 40, 246-250.	0.6	16
3	Tunneling effects in the kinetics of helium and hydrogen isotopes desorption from single-walled carbon nanotube bundles. Applied Physics Letters, 2014, 104, .	3.3	16
4	Sorption of 4He, H2, Ne, N2, CH4, and Kr impurities in graphene oxide at low temperatures. Quantum effects. Low Temperature Physics, 2013, 39, 1090-1095.	0.6	9
5	The effect of glass transition in fullerite C60 on Ar impurity diffusion. Low Temperature Physics, 2013, 39, 370-373.	0.6	9
6	Quantum effects in the sorption of hydrogen by mesoporous materials. Low Temperature Physics, 2016, 42, 1139-1143.	0.6	7
7	The effect of the thermal reduction on the kinetics of low-temperature 4He sorption and the structural characteristics of graphene oxide. Low Temperature Physics, 2017, 43, 383-389.	0.6	6
8	The impact of treating graphene oxide with a pulsed high-frequency discharge on the low-temperature sorption of hydrogen. Low Temperature Physics, 2020, 46, 293-300.	0.6	5
9	Synthesis and micromechanical properties of graphene oxide-based polymer nanocomposites. Low Temperature Physics, 2020, 46, 276-284.	0.6	4
10	Peculiarities of thermal expansion of quasi-two-dimensional organic conductor Îº-(BEDTâ€“TTF)2Cu[N(CN)2]Cl. Low Temperature Physics, 2016, 42, 788-793.	0.6	3
11	The effect of the temperature of graphene oxide reduction on low-temperature sorption of 4He. Low Temperature Physics, 2016, 42, 57-59.	0.6	3
12	Hydrogen storage capacity of carbon nanotubes γ - Irradiated in hydrogen and deuterium media. , 2013, , .		2
13	Effect of Î³-ray irradiation on the sorption of hydrogen by nanoporous carbon materials. Low Temperature Physics, 2015, 41, 287-292.	0.6	2
14	Sorption of hydrogen by silica aerogel at low-temperatures. Low Temperature Physics, 2018, 44, 144-147.	0.6	2
15	Effect of Cold Plasma Treatment of Carbon Nanostructures on the Hydrogen Sorption. Low Temperature Physics, 2018, 44, 810-815.	0.6	2
16	The effect of graphene oxide reduction temperature on the kinetics of low-temperature sorption of hydrogen. Low Temperature Physics, 2019, 45, 422-426.	0.6	2
17	Quantum effects in the sorption kinetics of4He by mesoporous materials. Low Temperature Physics, 2016, 42, 80-84.	0.6	1
18	Thermal expansion of organic superconductor Îą-(BEDT-TTF)2 NH4Hg(SCN)4. Low Temperature Physics, 2019, 45, 128-131.	0.6	1

#	Article	IF	Citations
19	Low-temperature sorption of hydrogen by porous carbon material containing palladium nanoclusters. Low Temperature Physics, 2020, 46, 1030-1038.	0.6	1
20	Quantum effects in kinetics of low temperature gas sorption by carbon nanomaterials. , 2015, , .		0
21	Thermal expansion of organic superconductor Î²-(D4-BEDT-TTF)2Cu{N(CN)2}Br. Isotopic effect. Low Temperature Physics, 2017, 43, 1387-1391.	0.6	0
22	Thermocatalytic pyrolysis of CO molecules. Structure and sorption characteristics of the carbon nanomaterial. Low Temperature Physics, 2018, 44, 334-340.	0.6	0
23	The new approach for obtaining aqueous solutions of fullerene C₆₀@{H₂O}_n by the cryogenic sublimation method. Low Temperature Physics, 2022, 48, 336-338.	0.6	0