

Razet Basnukaeva

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	The new approach for obtaining aqueous solutions of fullerene C_{60} @ H_2O by the cryogenic sublimation method. <i>Low Temperature Physics</i> , 2022, 48, 336-338.	0.6	0
2	Low-temperature sorption of hydrogen by porous carbon material containing palladium nanoclusters. <i>Low Temperature Physics</i> , 2020, 46, 1030-1038.	0.6	1
3	The impact of treating graphene oxide with a pulsed high-frequency discharge on the low-temperature sorption of hydrogen. <i>Low Temperature Physics</i> , 2020, 46, 293-300.	0.6	5
4	Synthesis and micromechanical properties of graphene oxide-based polymer nanocomposites. <i>Low Temperature Physics</i> , 2020, 46, 276-284.	0.6	4
5	The effect of graphene oxide reduction temperature on the kinetics of low-temperature sorption of hydrogen. <i>Low Temperature Physics</i> , 2019, 45, 422-426.	0.6	2
6	Thermal expansion of organic superconductor $\hat{I}^{\pm}-(BEDT-TTF)_2 NH_4Hg(SCN)_4$. <i>Low Temperature Physics</i> , 2019, 45, 128-131.	0.6	1
7	Sorption of hydrogen by silica aerogel at low-temperatures. <i>Low Temperature Physics</i> , 2018, 44, 144-147.	0.6	2
8	Effect of Cold Plasma Treatment of Carbon Nanostructures on the Hydrogen Sorption. <i>Low Temperature Physics</i> , 2018, 44, 810-815.	0.6	2
9	Thermocatalytic pyrolysis of CO molecules. Structure and sorption characteristics of the carbon nanomaterial. <i>Low Temperature Physics</i> , 2018, 44, 334-340.	0.6	0
10	The effect of the thermal reduction on the kinetics of low-temperature $4He$ sorption and the structural characteristics of graphene oxide. <i>Low Temperature Physics</i> , 2017, 43, 383-389.	0.6	6
11	Thermal expansion of organic superconductor $\hat{I}^{\pm}-(D_4-BEDT-TTF)_2 Cu\{N(CN)_2\}Br$. Isotopic effect. <i>Low Temperature Physics</i> , 2017, 43, 1387-1391.	0.6	0
12	Peculiarities of thermal expansion of quasi-two-dimensional organic conductor $\hat{I}^{\pm}-(BEDT-TTF)_2 Cu[N(CN)_2]Cl$. <i>Low Temperature Physics</i> , 2016, 42, 788-793.	0.6	3
13	The effect of the temperature of graphene oxide reduction on low-temperature sorption of $4He$. <i>Low Temperature Physics</i> , 2016, 42, 57-59.	0.6	3
14	Quantum effects in the sorption kinetics of $4He$ by mesoporous materials. <i>Low Temperature Physics</i> , 2016, 42, 80-84.	0.6	1
15	Quantum effects in the sorption of hydrogen by mesoporous materials. <i>Low Temperature Physics</i> , 2016, 42, 1139-1143.	0.6	7
16	The effect of the thermal reduction temperature on the structure and sorption capacity of reduced graphene oxide materials. <i>Applied Surface Science</i> , 2016, 361, 213-220.	6.1	78
17	Quantum effects in kinetics of low temperature gas sorption by carbon nanomaterials. , 2015, , .		0
18	Effect of γ -ray irradiation on the sorption of hydrogen by nanoporous carbon materials. <i>Low Temperature Physics</i> , 2015, 41, 287-292.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Kinetics of ³ He, ⁴ He, H ₂ , D ₂ , Ne, and N ₂ sorption by bundles of single-walled carbon nanotubes. Quantum effects. Low Temperature Physics, 2014, 40, 246-250.	0.6	16
20	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
21	Hydrogen storage capacity of carbon nanotubes γ - Irradiated in hydrogen and deuterium media., 2013, , .		2
22	Sorption of ⁴ He, H ₂ , Ne, N ₂ , CH ₄ , and Kr impurities in graphene oxide at low temperatures. Quantum effects. Low Temperature Physics, 2013, 39, 1090-1095.	0.6	9
23	The effect of glass transition in fullerite C ₆₀ on Ar impurity diffusion. Low Temperature Physics, 2013, 39, 370-373.	0.6	9