Abdurakhman Aldiyarov

List of Publications by Year
in descending order

33	180	1163117 8	1199594 12
papers	citations	h-index	g-index

33	33	33	109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Silico Investigation of the Impact of Hole-Transport Layers on the Performance of CH3NH3SnI3 Perovskite Photovoltaic Cells. Crystals, 2022, 12, 699.	2.2	13
2	A Multifaceted Approach for Cryogenic Waste Tire Recycling. Polymers, 2021, 13, 2494.	4.5	11
3	Vibrational spectroscopy of thin film condensates of ethanol mixture with inert gase. Recent Contributions To Physics, 2021, 78, 24-33.	0.1	0
4	Investigation of vapor cryodeposited glasses and glass transition of tetrachloromethane films. Applied Surface Science, 2020, 507, 144857.	6.1	5
5	The study of thermophysical properties of rubber and plastic household waste to determine the temperature conditions of cryoprocessing. Applied Surface Science, 2020, 511, 145487.	6.1	2
6	Refractive Index at Low Temperature of Tetrachloromethane and Tetrafluoroethane Cryovacuum Condensates. ACS Omega, 2020, 5, 11671-11676.	3.5	3
7	On thermal stability of cryovacuum deposited CH4+H2O films. Low Temperature Physics, 2020, 46, 1121-1124.	0.6	2
8	IR Spectrometry studies of methanol cryovacuum condensates. Low Temperature Physics, 2019, 45, 441-451.	0.6	3
9	Structure transformations in thin films of CF3-CFH2 cryodeposites. Is there a glass transition and what is the value of Tg?. Applied Surface Science, 2018, 446, 196-200.	6.1	2
10	IR Studies of Thermally Stimulated Structural Phase Transformations in Cryovacuum Condensates of Freon 134a. Low Temperature Physics, 2018, 44, 831-839.	0.6	3
11	RESEARCH OF DYNAMICS OF MEAT FREEZING AT VARIOUS INTENSITIES OF CRYOTREATMENT. Journal of Enhanced Heat Transfer, 2018, 25, 137-142.	1.1	1
12	Polarizability of Methane Deposits. Journal of Low Temperature Physics, 2017, 187, 749-756.	1.4	1
13	Experimental Investigation of Thermal Conductivity of Meat During Freezing. Journal of Low Temperature Physics, 2017, 187, 172-181.	1.4	3
14	IR Studies of the Spinâ€“Nuclear Conversion in the Vicinity of $$alpha $$ Î± - $$eta $$ Î² - Transition in Cryodeposited Methane Films. Journal of Low Temperature Physics, 2017, 187, 742-748.	1.4	0
15	Refractive indices and density of cryovacuum-deposited thin films of methane in the vicinity of the Î±-Î²-transition temperature. Low Temperature Physics, 2017, 43, 724-727.	0.6	5
16	Cryoemission of Nitrous Oxide and Ethanol: Dynamic and Energy Characteristics. Journal of Low Temperature Physics, 2017, 187, 71-79.	1.4	4
17	IR spectrometric studies of thin film cryovacuum condensates of methane and methane-water mixtures. Low Temperature Physics, 2017, 43, 409-415.	0.6	5
18	Refractive indices vs deposition temperature of thin films of ethanol, methane and nitrous oxide in the vicinity of their phase transition temperatures. Low Temperature Physics, 2017, 43, 1214-1216.	0.6	3

#	Article	IF	Citations
19	Dynamic characteristics of light emission accompanying cryocondensation of nitrous oxide and ethanol. Low Temperature Physics, 2015, 41, 547-550.	0.6	2
20	Physical modeling of the formation of clathrate hydrates of methane. Low Temperature Physics, 2015, 41, 429-434.	0.6	8
21	Molecular dynamics simulation of thermodynamic and transport properties of H-bonded low-temperature substances. Low Temperature Physics, 2015, 41, 454-458.	0.6	1
22	On stability of water and heavy-water nanoclusters in a nitrogen cryomatrix. Low Temperature Physics, 2014, 40, 1002-1007.	0.6	1
23	On the stability of ethanol nanoclusters in a nitrogen cryomatrix. Low Temperature Physics, 2013, 39, 961-966.	0.6	4
24	Structure and phase transition peculiarities in solid nitrous oxide and attempts at their explanation. Low Temperature Physics, 2013, 39, 460-464.	0.6	4
25	Transformation of cryovacuum condensates of ethanol near the glass transition temperature. Low Temperature Physics, 2013, 39, 714-718.	0.6	9
26	Structural-phase transitions in solid nitrous oxide. Low Temperature Physics, 2012, 38, 1058-1062.	0.6	2
27	On the problem of the existence of a supercooled liquid phase of cryovacuum ethanol condensates. Physics of the Solid State, 2012, 54, 1475-1479.	0.6	6
28	IR-spectroscopy of ethanol formed by recondensation from a nitrogen cryomatrix. Low Temperature Physics, 2011, 37, 718-724.	0.6	7
29	IR spectroscopy of ethanol in nitrogen cryomatrices with different concentration ratios. Low Temperature Physics, 2011, 37, 524-531.	0.6	14
30	Investigation of dynamic glass transitions and structural transformations in cryovacuum condensates of ethanol. Low Temperature Physics, 2009, 35, 251-255.	0.6	18
31	Thermal desorption and IR spectrometric investigation of polyamorphic and polymorphic transformations in cryovacuum condensates of water. Low Temperature Physics, 2007, 33, 472-480.	0.6	16
32	IR spectra of water polyaggregates in a nitrogen cryomatrix. Low Temperature Physics, 2007, 33, 699-703.	0.6	6
33	Thermally stimulated transformations in cryovacuum water ices. Low Temperature Physics, 2007, 33, 355-361.	0.6	16