

# Sergey Feodosyev

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

155  
citations

1163117

8  
h-index

1199594

12  
g-index

20  
all docs

20  
docs citations

20  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local vibrational modes in crystal lattices with a simply connected region of the quasi-continuous phonon spectrum. <i>Low Temperature Physics</i> , 2006, 32, 256-269.	0.6	17
2	Phonon spectrum and vibrational characteristics of linear nanostructures in solid matrices. <i>Low Temperature Physics</i> , 2015, 41, 557-562.	0.6	16
3	Effect of step-edge on spectral properties and planar stability of metallic bigraphene. <i>Low Temperature Physics</i> , 2016, 42, 99-105.	0.6	16
4	Electron and phonon states localized near the graphene boundary. <i>Low Temperature Physics</i> , 2017, 43, 1323-1331.	0.6	16
5	Role of acoustic phonons in the negative thermal expansion of layered structures and nanotubes based on them. <i>Low Temperature Physics</i> , 2016, 42, 401-410.	0.6	13
6	Low dimensional features of graphene nanostructure stability and vibrational characteristics (Review). <i>Low Temperature Physics</i> , 2020, 46, 232-257.	0.6	9
7	Localization of vibrational defects in one-dimensional structures with a complex unit cell. <i>Low Temperature Physics</i> , 1998, 24, 583-592.	0.6	8
8	Elastic properties and phonon spectra of quasi-two-dimensional VSe <sub>2</sub> . <i>Low Temperature Physics</i> , 2003, 29, 151-154.	0.6	8
9	Distinctive features of thermal expansion of niobium diselenide. <i>Physics of the Solid State</i> , 2013, 55, 898-904.	0.6	8
10	Low-frequency properties of the phonon spectra, and low-temperature thermodynamics of disordered solid solutions. <i>Low Temperature Physics</i> , 2014, 40, 1013-1025.	0.6	7
11	Phonon spectra and vibrational heat capacity of quasi-one-dimensional structures formed by rare gas atoms on the surface of carbon nanotube bundles. <i>Low Temperature Physics</i> , 2019, 45, 355-362.	0.6	5
12	The effect of size quantization on the electron spectra of graphene nanoribbons. <i>Low Temperature Physics</i> , 2020, 46, 187-194.	0.6	5
13	Effect of local defects on vibrational characteristics of infinite and semi-infinite one-dimensional structures in an external periodic field. <i>Low Temperature Physics</i> , 1999, 25, 55-62.	0.6	4
14	Propagation and localization of phonons in graphite and graphene nanofilms. <i>Low Temperature Physics</i> , 2022, 48, 121-125.	0.6	4
15	Evolution of discrete local levels into an impurity band in solidified inert gas solution. <i>Low Temperature Physics</i> , 2007, 33, 559-563.	0.6	3
16	Low-temperature specific heat of single crystal bismuth oxyhalides. <i>Low Temperature Physics</i> , 2011, 37, 326-328.	0.6	3
17	Low Temperature Anomaly of Heat Capacity of CD <sub>4</sub> Rotors in Solid CD <sub>4</sub> –Kr Solution. <i>Journal of Low Temperature Physics</i> , 2005, 139, 551-556.	1.4	1
18	Discrete atomic vibrations localized on defects in linear chains of atoms adsorbed by carbon nanobundles. <i>Low Temperature Physics</i> , 2019, 45, 763-768.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Specific features of the transformation of local levels into an impurity band of Ag <sup>1+</sup> p Al p disordered solid solutions. Journal of Experimental and Theoretical Physics, 2007, 105, 4-11.	0.9	0