

Alexandr Belkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/210621/publications.pdf>

Version: 2024-02-01

22
papers

264
citations

1040056

9
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulation of water-based nanofluids viscosity. Journal of Thermal Analysis and Calorimetry, 2021, 145, 2983-2990.	3.6	12
2	Simulation of the transport processes in confined conditions. AIP Conference Proceedings, 2021, , .	0.4	2
3	Experimental study and molecular dynamics simulation of carbon nanotubes diffusion. Journal of Physics: Conference Series, 2021, 1959, 012039.	0.4	0
4	On longitudinal and transversal diffusion of carbon nanotubes. Journal of Physics: Conference Series, 2021, 2131, 022069.	0.4	0
5	On the dynamic chaos of phase trajectories of the system of crystal atoms. Proceedings of the Russian Higher School Academy of Sciences, 2020, , 7-16.	0.1	0
6	On the Effect of Nanoparticles on Fluid Structure. Colloid Journal, 2019, 81, 487-490.	1.3	9
7	Fluid viscosity in nanochannels. AIP Conference Proceedings, 2018, , .	0.4	2
8	Fluid viscosity under confined conditions. Doklady Physics, 2014, 59, 604-606.	0.7	12
9	About Fluids Structure in Microchannels. International Journal of Multiphysics, 2011, 5, 145-156.	0.1	12
10	On the thermal conductivity of nanofluids. Technical Physics Letters, 2010, 36, 660-662.	0.7	59
11	Transport Processes of Nanoparticles in Gases and Liquids. Advanced Structured Materials, 2010, , 135-168.	0.5	1
12	10.1007/s11455-008-1023-9. , 2010, 34, 76.		0
13	On the effective viscosity of nanosuspensions. Technical Physics, 2009, 54, 1102-1109.	0.7	40
14	Force acting on a nanoparticle in a fluid. Technical Physics Letters, 2008, 34, 76-78.	0.7	10
15	The simulation of transport processes using the method of molecular dynamics. Self-diffusion coefficient. High Temperature, 2008, 46, 30-39.	1.0	40
16	Effective Viscosity Coefficient of Nanosuspensions. , 2008, , .		0
17	Molecular Dynamics Simulation of Flows in Nanochannels. , 2008, , .		2
18	On the nonclassical diffusion of molecules of liquid and dense gases. Doklady Physics, 2007, 52, 115-118.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Nanoparticle velocity relaxation in a condensed carrying medium. Technical Physics Letters, 2003, 29, 560-562.	0.7	15
20	Diffusion of Nanoparticles and Macromolecules in Dense Gases and Liquids. High Temperature, 2001, 39, 264-271.	1.0	23
21	The velocity autocorrelation function of nanoparticles in a hard-sphere molecular system. Technical Physics Letters, 2000, 26, 553-556.	0.7	16
22	Liquid-solid phase transition in a heterogeneous system of solid spheres. Journal of Experimental and Theoretical Physics, 1999, 89, 1086-1088.	0.9	2