Alexander G Vorontsov

List of Publications by Year
in descending order

13	48	1936888 4	1719596 7
papers	citations	h-index	g-index

13	13	13	33
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kinetics and energy states of nanoclusters in the initial stage of homogeneous condensation at high supersaturation degrees. Journal of Experimental and Theoretical Physics, 2012, 115, 789-797.	0.2	18
2	Statistical analysis of formation and relaxation of atomic clusters based on data of molecular-dynamic modeling of gas-phase nucleation of metallic nanoparticles. High Temperature, 2016, 54, 229-234.	0.1	10
3	Statistical analysis of dimer formation in supersaturated metal vapor based on molecular dynamics simulation. Physica A: Statistical Mechanics and Its Applications, 2018, 496, 147-155.	1.2	8
4	Use of interatomic space for studying structure transition in melts. Journal of Non-Crystalline Solids, 2007, 353, 3510-3514.	1.5	4
5	Electronic structure and properties of liquid caesium up to critical point by LMTO calculations. Journal of Non-Crystalline Solids, 2007, 353, 3206-3210.	1.5	3
6	Modiï¬cations of structure and properties of liquids at high temperatures. EPJ Web of Conferences, 2011, 15, 01004.	0.1	2
7	The change in the structure of liquid metals at high temperatures. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1385-1387.	0.1	1
8	Structural changes of simple expanded liquids at high temperatures. Journal of Physics: Conference Series, 2008, 98, 012004.	0.3	1
9	Calculation of the electrical conductivity of a cesium melt by an LMTO recursive method over a wide temperature range. Russian Metallurgy (Metally), 2010, 2010, 91-95.	0.1	1
10	LMTO method for electronic structure calculation of expanded liquid metals. Journal of Physics: Conference Series, 2008, 98, 042002.	0.3	0
11	Simulation of liquid Rb by the methods of classical and first-principle molecular dynamics and statistical geometrical analysis of the atomic structure models using the Voronoi-Delaunay method. Journal of Physics: Conference Series, 2008, 98, 042023.	0.3	0
12	Application of the Schommers method for constructing a hybrid pair potential. Russian Metallurgy (Metally), 2012, 2012, 705-712.	0.1	0
13	Structure of overheated metal clusters: MD simulation study. AIP Conference Proceedings, 2015, , .	0.3	0