Alexander G Vorontsov

List of Publications by Year in Descending Order

11 papers	39 citations	3 h-index	6 g-index
13 ext. papers	46 ext. citations	1.2 avg, IF	1.46 L-index

#	Paper	IF	Citations
11	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	3.3	6
10	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	0.8	8
9	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	1	16
8	Application of the Schommers method for constructing a hybrid pair potential. *Russian Metallurgy (Metally)*, **2012**, 2012, 705-712	0.5	
7	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	0.5	1
6	Structural changes of simple expanded liquids at high temperatures. *Journal of Physics: Conference Series*, **2008**, 98, 012004	0.3	0
5	LMTO method for electronic structure calculation of expanded liquid metals. *Journal of Physics: Conference Series*, **2008**, 98, 042002	0.3	
4	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	
3	The change in the structure of liquid metals at high temperatures. *Bulletin of the Russian Academy of Sciences: Physics*, **2008**, 72, 1385-1387	0.4	1
2	Electronic structure and properties of liquid caesium up to critical point by LMTO calculations. *Journal of Non-Crystalline Solids*, **2007**, 353, 3206-3210	3.9	3
1	Use of interatomic space for studying structure transition in melts. *Journal of Non-Crystalline Solids*, **2007**, 353, 3510-3514	3.9	3