

Alexander G Vorontsov

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Kinetics and energy states of nanoclusters in the initial stage of homogeneous condensation at high supersaturation degrees. <i>Journal of Experimental and Theoretical Physics</i> , 2012 , 115, 789-797	1	16
10	Statistical analysis of formation and relaxation of atomic clusters based on data of molecular-dynamic modeling of gas-phase nucleation of metallic nanoparticles. <i>High Temperature</i> , 2016 , 54, 229-234	0.8	8
9	Statistical analysis of dimer formation in supersaturated metal vapor based on molecular dynamics simulation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 496, 147-155	3.3	6
8	Electronic structure and properties of liquid caesium up to critical point by LMTO calculations. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 3206-3210	3.9	3
7	Use of interatomic space for studying structure transition in melts. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 3510-3514	3.9	3
6	Calculation of the electrical conductivity of a cesium melt by an LMTO recursive method over a wide temperature range. <i>Russian Metallurgy (Metally)</i> , 2010 , 2010, 91-95	0.5	1
5	The change in the structure of liquid metals at high temperatures. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2008 , 72, 1385-1387	0.4	1
4	Structural changes of simple expanded liquids at high temperatures. <i>Journal of Physics: Conference Series</i> , 2008 , 98, 012004	0.3	0
3	Application of the Schommers method for constructing a hybrid pair potential. <i>Russian Metallurgy (Metally)</i> , 2012 , 2012, 705-712	0.5	
2	LMTO method for electronic structure calculation of expanded liquid metals. <i>Journal of Physics: Conference Series</i> , 2008 , 98, 042002	0.3	
1	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. <i>Journal of Physics: Conference Series</i> , 2008 , 98, 042023	0.3	