

Oleg V Ivanov

List of Publications by Year in descending order

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16
papers

357
citations

933447

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996975

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17
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docs citations

17
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Areoana analysis of the cell structure, using an example of reconstruction of leaf morphogenesis in paleozoic mosses of the order protosphagnales. Paleontological Journal, 2015, 49, 1645-1656.	0.5	3
2	Multiscale simulation of the electronic structure of silicon nanoclusters. Bulletin of the Lebedev Physics Institute, 2013, 40, 132-135.	0.6	0
3	Irradiation induced dimensional changes in graphite: The influence of sample size. Journal of Nuclear Materials, 2012, 420, 241-251.	2.7	3
4	System of matrix-vector equations in the multiconfiguration Hartree-Fock method. Bulletin of the Lebedev Physics Institute, 2010, 37, 284-290.	0.6	0
5	Primary radiation damage to graphite in different types of reactors. Atomic Energy, 2006, 100, 199-209.	0.4	4
6	Lattice Dynamics Calculation of the Ionic Crystals with Ion Dipole and Quadrupole Deformations: Perovskite Structure Oxides. Ferroelectrics, 2003, 283, 49-60.	0.6	21
7	Precursors of stall and surge processes in gas turbines revealed by wavelet analysis. Control Engineering Practice, 2002, 10, 599-604.	5.5	24
8	Frequency localization properties of the density matrix and its resulting hypersparsity in a wavelet representation. Physical Review B, 1999, 59, 7270-7273.	3.2	30
9	Molecular magnetism: Noncollinear ordering and spin dynamics. Journal of Applied Physics, 1999, 85, 4821-4823.	2.5	17
10	Linear scaling solution of the Coulomb problem using wavelets. Solid State Communications, 1998, 105, 665-669.	1.9	61
11	Solution of Multiscale Partial Differential Equations Using Wavelets. Computers in Physics, 1998, 12, 548.	0.5	35
12	Microscopical calculations of lattice dynamics of ionic crystals and its dependence on the pressure. Solid State Communications, 1997, 101, 393-396.	1.9	9
13	Generalized variational approach to Kim-Gordon electron gas theory for ionic crystals. Solid State Communications, 1996, 97, 163-167.	1.9	25
14	Microscopic calculations of phonons in polarizable-ion approach. Physical Review Letters, 1992, 69, 108-111.	7.8	24
15	Electronic polarizability of ionic crystals. Solid State Communications, 1992, 81, 69-71.	1.9	7
16	Structural phase diagram of BaBiO ₃ in the potential induced breathing model. Solid State Communications, 1990, 76, 1267-1272.	1.9	10