

Ivan S Konovalenko

List of Publications by Year in descending order

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12
papers

74
citations

1684188

5
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics study of lattice rearrangement under mechanically activated diffusion. Physical Mesomechanics, 2016, 19, 77-85.	1.9	31
2	Effect of the features of functionalized structure on elastic properties and strength of partially-filled brittle porous materials. AIP Conference Proceedings, 2016, , .	0.4	0
3	Influence of tool shape on lattice rearrangement under loading conditions reproducing friction stir welding. AIP Conference Proceedings, 2015, , .	0.4	1
4	Influence of vibrational treatment on thermomechanical response of material under conditions identical to friction stir welding. AIP Conference Proceedings, 2015, , .	0.4	0
5	Numerical study of mechanical behavior of ceramic composites under compression loading in the framework of movable cellular automaton method. , 2014, , .		1
6	On the dependence of effective mechanical properties of ceramics on partial concentrations of different size pores in its structure. , 2014, , .		1
7	Study of the Mechanical Properties of Ceramic Composites with Different Volume of Plastic Filler. , 2014, 3, 942-947.		1
8	Investigation of Atomic Mechanisms of Energy Transformation by Thin-Film Metallic Nanostructures Using Molecular Dynamics Method. Izvestiya of Altai State University, 2014, , 203-206.	0.1	1
9	Atomic mechanisms of local structural rearrangements in strained crystalline titanium grain. Technical Physics Letters, 2011, 37, 946-948.	0.7	20
10	Influence of structure defects on behavior of unclosed crystal nanostructures. Russian Physics Journal, 2009, 52, 602-606.	0.4	5
11	A molecular-dynamics study of oscillations of unclosed crystal nanostructures based on bilayer metal films. Russian Physics Journal, 2009, 52, 674-678.	0.4	5
12	Kinematic properties of nanostructures based on bilayer nanocrystalline films. Physical Mesomechanics, 2009, 12, 112-116.	1.9	8