

Eduard Valiev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Formation of nanocrystalline structure in the amorphous Ti50Ni25Cu25 alloy upon severe thermomechanical treatment and the size effect of the thermoelastic martensitic B2 \rightarrow B19 transformation. <i>Physics of Metals and Metallography</i> , 2012, 113, 271-282.	1.0	24
2	Phase and structural transformations in the Ti49.5Ni50.5 alloy with a shape-memory effect during torsion under high pressure. <i>Physics of Metals and Metallography</i> , 2012, 113, 256-270.	1.0	20
3	Size effect in nanocrystalline manganites La $_{1-x}$ A $_x$ MnO $_3$ (A=Ag, Sr). <i>Physics of the Solid State</i> , 2003, 45, 2328-2333.	0.6	14
4	Entropy and magnetocaloric effects in ferromagnets undergoing first- and second-order magnetic phase transitions. <i>Journal of Experimental and Theoretical Physics</i> , 2009, 108, 279-285.	0.9	13
5	Effect of hydrostatic pressure on the magnetic and lattice properties of the ferromagnet La(Fe $_{0.86}$ Si $_{0.14}$) $_{13}$. <i>Physics of the Solid State</i> , 2014, 56, 14-16.	0.6	11
6	Baroelastic shape memory effects in titanium nickelide alloys subjected to plastic deformation under high pressure. <i>Technical Physics</i> , 2012, 57, 1106-1114.	0.7	10
7	Neutron diffraction analysis of Cr–Ni–Mo–Ti austenitic steel after cold plastic deformation and fast neutrons irradiation. <i>Journal of Nuclear Materials</i> , 2015, 459, 97-102.	2.7	9
8	Small-angle neutron scattering from samples of expanded carbon. <i>Crystallography Reports</i> , 2006, 51, S12-S15.	0.6	7
9	Magnetocaloric effect in La(Fe $_x$ Si $_{1-x}$) $_{13}$ ferromagnets. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 113, 1000-1005.	0.9	7
10	Magnetic properties of RCo $_2$ compounds in the exchange-striction model of ferrimagnets. <i>Physics of Metals and Metallography</i> , 2017, 118, 21-27.	1.0	5
11	Size effect in nanocrystalline manganites La $_{1-x}$ A $_x$ MnO $_3$ with A=Ag, Sr. <i>Physica B: Condensed Matter</i> , 2004, 350, 55-58.	2.7	3
12	Crystal structure, magnetizations of sublattices, and the spin-reorientation transition in the Er $_2$ Fe $_{17}$ N $_{2.18}$ compound. <i>Physics of the Solid State</i> , 2010, 52, 927-930.	0.6	1
13	Magnetic, magnetocaloric, and lattice properties of the La(Fe $_x$ Si $_{1-x}$) $_{13}$ ferromagnets. <i>Crystallography Reports</i> , 2011, 56, 1160-1164.	0.6	1
14	Simulation of the magnetic and magnetocaloric properties of hydrides of the La(Fe $_{0.88}$ Si $_{0.12}$) $_{13}$ compound by applying a negative pressure. <i>Physics of the Solid State</i> , 2014, 56, 47-50.	0.6	1
15	Magnetovolume effects and effect of pressure on the temperature dependence of sublattice magnetization in Ho(Co $_{0.9}$ Ga $_{0.1}$) $_2$ compounds. <i>Crystallography Reports</i> , 2016, 61, 89-93.	0.6	1
16	ON THE SEARCH OF NEW MAGNETIC MATERIALS FOR CRYOGENICS. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2019, , 6-15.	0.1	0