

# Eduard Valiev

## List of Publications by Year in descending order

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16  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	ON THE SEARCH OF NEW MAGNETIC MATERIALS FOR CRYOGENICS. Diagnostics Resource and Mechanics of Materials and Structures, 2019, , 6-15.	0.1	0
2	Magnetic properties of RCo <sub>2</sub> compounds in the exchange-striction model of ferrimagnets. Physics of Metals and Metallography, 2017, 118, 21-27.	1.0	5
3	Magnetovolume effects and effect of pressure on the temperature dependence of sublattice magnetization in Ho(Co <sub>0.9</sub> Ga <sub>0.1</sub> ) <sub>2</sub> compounds. Crystallography Reports, 2016, 61, 89-93.	0.6	1
4	Neutron diffraction analysis of Cr-Ni-Mo-Ti austenitic steel after cold plastic deformation and fast neutrons irradiation. Journal of Nuclear Materials, 2015, 459, 97-102.	2.7	9
5	Simulation of the magnetic and magnetocaloric properties of hydrides of the La(Fe <sub>0.88</sub> Si <sub>0.12</sub> ) <sub>13</sub> compound by applying a negative pressure. Physics of the Solid State, 2014, 56, 47-50.	0.6	1
6	Effect of hydrostatic pressure on the magnetic and lattice properties of the ferromagnet La(Fe <sub>0.86</sub> Si <sub>0.14</sub> ) <sub>13</sub> . Physics of the Solid State, 2014, 56, 14-16.	0.6	11
7	Baroelastic shape memory effects in titanium nickelide alloys subjected to plastic deformation under high pressure. Technical Physics, 2012, 57, 1106-1114.	0.7	10
8	Phase and structural transformations in the Ti <sub>49.5</sub> Ni <sub>50.5</sub> alloy with a shape-memory effect during torsion under high pressure. Physics of Metals and Metallography, 2012, 113, 256-270.	1.0	20
9	Formation of nanocrystalline structure in the amorphous Ti <sub>50</sub> Ni <sub>25</sub> Cu <sub>25</sub> alloy upon severe thermomechanical treatment and the size effect of the thermoelastic martensitic B2 → B19 transformation. Physics of Metals and Metallography, 2012, 113, 271-282.	1.0	24
10	Magnetic, magnetocaloric, and lattice properties of the La(Fe <sub>x</sub> Si <sub>1-x</sub> ) <sub>13</sub> ferromagnets. Crystallography Reports, 2011, 56, 1160-1164.	0.6	1
11	Magnetocaloric effect in La(Fe <sub>x</sub> Si <sub>1-x</sub> ) <sub>13</sub> ferromagnets. Journal of Experimental and Theoretical Physics, 2011, 113, 1000-1005.	0.9	7
12	Crystal structure, magnetizations of sublattices, and the spin-reorientation transition in the Er <sub>2</sub> Fe <sub>17</sub> N <sub>2.18</sub> compound. Physics of the Solid State, 2010, 52, 927-930.	0.6	1
13	Entropy and magnetocaloric effects in ferromagnets undergoing first- and second-order magnetic phase transitions. Journal of Experimental and Theoretical Physics, 2009, 108, 279-285.	0.9	13
14	Small-angle neutron scattering from samples of expanded carbon. Crystallography Reports, 2006, 51, S12-S15.	0.6	7
15	Size effect in nanocrystalline manganites La <sub>1-x</sub> A <sub>x</sub> MnO <sub>3</sub> with A=Ag, Sr. Physica B: Condensed Matter, 2004, 350, 55-58.	2.7	3
16	Size effect in nanocrystalline manganites La <sub>1-x</sub> A <sub>x</sub> MnO <sub>3</sub> (A=Ag, Sr). Physics of the Solid State, 2003, 45, 2328-2333.	0.6	14