

Sabina Emelyanova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Specific features of the properties of half-metallic ferromagnetic Heusler alloys Fe ₂ MnAl, Fe ₂ MnSi, and Co ₂ MnAl. <i>Physics of the Solid State</i> , 2015, 57, 700-708.	0.6	35
2	Magnetic and optical properties as well as EPR studies of polycrystalline ZnO synthesized from different precursors. <i>Materials Research Bulletin</i> , 2018, 97, 553-559.	5.2	18
3	Magnetocaloric Effect in Ni ₅₀ Mn ₃₆ Sb ₁₄ xZ x (Z = Al, Ge; x = 0, 2) Heusler Alloys. <i>Physics of Metals and Metallography</i> , 2018, 119, 121-126.	1.0	9
4	Electronic transport in Co-based half-metallic ferromagnetic Heusler alloys. <i>Journal of Physics: Conference Series</i> , 2014, 568, 052019.	0.4	5
5	Revealing the low-temperature effect of strengthening the magnetism of iron-vanadium-aluminum alloy upon small variation of the non-transition element content in the stoichiometric composition. <i>Low Temperature Physics</i> , 2016, 42, 230-231.	0.6	3
6	Examination of the specific features of the electron density of states of weakly nonstoichiometric Fe ₂ V _{1-x} Al alloys through the analysis of low-temperature heat capacity. <i>Technical Physics Letters</i> , 2016, 42, 898-900.	0.7	3
7	The detection of a strong influence of composition variations on low-temperature magnetic ordering in nearly stoichiometric Fe ₂ V _{1-x} Al alloys. <i>Technical Physics Letters</i> , 2016, 42, 1122-1125.	0.7	2
8	Nonstoichiometric Fe ₂ V _{1-x} Al full Heusler alloys under high pressure: thermoelectric properties. <i>High Pressure Research</i> , 2021, 41, 184-197.	1.2	2
9	Low-temperature hall effect and martensitic transition temperatures in magnetocaloric Ni ₅₀ Mn ₃₅ Sb ₁₅ xGex (x = 0, 1, 3) alloys. <i>Low Temperature Physics</i> , 2021, 47, 55-60.	0.6	2
10	Improvement of copper semi-finished billet manufacture for electrical engineering purposes. <i>Metallurgist</i> , 2012, 56, 293-297.	0.6	0
11	Charge carrier concentration and structural transition temperatures in Heusler alloys Ni ₅₀ Mn ₃₆ Sb ₁₄ xZx (Z = Al, Ge; x = 0; 1; 2; 3; 4). <i>Journal of Physics: Conference Series</i> , 2019, 1389, 012090.	0.4	0