

Y V Kudryavtsev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic and transport properties of Ni _{1-x} Mn _x In Heusler alloy films: the effect of structural disorder. European Physical Journal B, 2021, 94, 1.	1.5	0
2	Optical properties of Fe _{1-x} Mn _x Ga alloys. Journal of Physics Condensed Matter, 2019, 31, 235501.	1.8	3
3	Mixed structural face-centered cubic and body-centered cubic orders in near stoichiometric Fe ₂ MnGa alloys. Journal of Applied Physics, 2016, 119, .	2.5	12
4	Tunnel injection of spin-polarized current in Co ₂ Cr _x Fe _{1-x} Al (x = 1, 0.6) insulator-superconductor heterostructures. Low Temperature Physics, 2016, 42, 181-188.	0.6	1
5	Transport properties of Co ₂ CrAl Heusler alloy films. European Physical Journal B, 2012, 85, 1.	1.5	19
6	Tunnel spin injection and the conductivity of ferromagnet-superconductor heterostructures with zero bias. Low Temperature Physics, 2011, 37, 489-495.	0.6	5
7	Electronic structure, optical, and magneto-optical properties of Co ₂ CrGa Heusler alloy films: Experimental and theoretical study. Journal of Applied Physics, 2010, 108, 113708.	2.5	17
8	Effect of disorder on various physical properties of $Co_{2-x}Mn_xGa$ alloy films: Experiment and theory. Physical Review B, 2008, 77, .	3.2	68
9	Optical properties of Co silicides: Experiment and density functional theory. Journal of Applied Physics, 2007, 102, 103503. Evolution of the magnetic properties of $Co_{2-x}Mn_xGa$	2.5	7
10	Evolution of the magnetic properties of $Co_{2-x}Mn_xGa$ Heusler alloy films: From amorphous to ordered films. Physical Review B, 2007, 76, .	3.2	29
11	Magnetic properties of Ni-Mn-Ga Heusler alloy films. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 143-146.	0.8	8
12	The effect of Ge substitution in Ni ₂ MnGa _{1-x} Gex Heusler alloys and films. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 147-150.	0.8	5
13	Structural dependence of some physical properties of the Ni ₂ MnGe Heusler alloy films. Journal of Applied Physics, 2006, 99, 063902.	2.5	22
14	Effect of structural disorder on some physical properties of the Cu ₂ MnAl Heusler alloy films. Journal of Applied Physics, 2005, 97, 113903.	2.5	25
15	Martensitic transformation in Ni ₂ MnGa films: A ferromagnetic resonance study. Journal of Applied Physics, 2004, 95, 2912-2917.	2.5	29
16	Dependence of the optical and magneto-optical properties and electronic structures on the atomic order in Ni ₂ MnIn Heusler alloys. Physical Review B, 2004, 69, .	3.2	31
17	Effect of structural disordering on magnetic properties of stoichiometric Ni ₂ MnGa alloy films. Physica Status Solidi A, 2003, 196, 49-52.	1.7	12
18	Electronic structure and magnetic properties of Ni ₂ MnGa alloy films with different structural orders. Journal of Applied Physics, 2003, 93, 5527-5530.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Optical and magneto-optical properties of nanocrystalline Fe-rich Fe-Si alloy films. Physical Review B, 2003, 68, .	3.2	8
20	Magnetic, magneto-optical, and transport properties of ferromagnetic shape-memory Ni ₂ MnGa alloy. Journal of Applied Physics, 2003, 93, 6975-6977.	2.5	20
21	Modified physical properties by ion-beam mixing of Fe-Si multilayered films. Journal of Applied Physics, 2002, 91, 7194.	2.5	5
22	Structural and temperature dependence of the optical and magneto-optical properties of the Heusler Ni ₂ MnGa alloy. Physical Review B, 2002, 66, .	3.2	39
23	Effect of the structural disorder on the magnetic, transport, and optical properties of B ₂ -phase Ni _{0.50} Al _{0.50} alloy films. Journal of Applied Physics, 2002, 91, 4364-4373.	2.5	9
24	Modification of the structure and the physical properties of Fe/Si multilayered films by ion-beam mixing. Physical Review B, 2002, 65, .	3.2	19
25	Dependence of the transport properties on the long range order of \hat{f}^2 -phase Co _{0.50} Ti _{0.50} alloy films. Journal of Applied Physics, 2001, 89, 3315-3318.	2.5	0
26	Properties of spin-polarized Pt in magneto-optical Co/Pt multilayered films. Physical Review B, 2001, 63, .	3.2	16
27	Interfaces of Fe/Si multilayered films with a strong antiferromagnetic coupling analyzed by optical and magneto-optical spectroscopies. Journal of Applied Physics, 2001, 90, 2903-2910.	2.5	10
28	Magneto-optical spectroscopy study of the solid-state reaction in Ti/Ni multilayered films. Journal of Applied Physics, 2000, 88, 2430-2436.	2.5	15
29	Magnetic and optical properties of ordered and disordered B ₂ -phase Co-Al alloys. Journal of Applied Physics, 2000, 87, 5887-5889.	2.5	14
30	Influence of structural disorder on the magnetic, optical, and transport properties of \hat{f}^2 -phase Co _{0.50} Ti _{0.50} alloy films. Physical Review B, 1999, 60, 8067-8074.	3.2	9
31	Influence of structural disorder on the temperature dependence of the transport and magnetic properties of \hat{f}^2 -phase Co _x Al _{1-x} alloy films. Physical Review B, 1999, 59, 546-553.	3.2	15
32	Structural transition of Fe and Co sublayers in Fe/Zr and Co/Zr multilayered films investigated by magneto-optical spectroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 389-392.	2.1	6