

Y V Kudryavtsev

List of Publications by Year in descending order

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times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of disorder on various physical properties of Co_2MnGa alloy films: Experiment and theory. <i>Physical Review B</i> , 2008, 77, .	3.2	68
2	Structural and temperature dependence of the optical and magneto-optical properties of the Heusler Ni_2MnGa alloy. <i>Physical Review B</i> , 2002, 66, .	3.2	39
3	Dependence of the optical and magneto-optical properties and electronic structures on the atomic order in Ni_2MnIn Heusler alloys. <i>Physical Review B</i> , 2004, 69, .	3.2	31
4	Martensitic transformation in Ni_2MnGa films: A ferromagnetic resonance study. <i>Journal of Applied Physics</i> , 2004, 95, 2912-2917.	2.5	29
5	Evolution of the magnetic properties of Co_2MnGa Heusler alloy films: From amorphous to ordered films. <i>Physical Review B</i> , 2007, 76, .	3.2	29
6	Effect of structural disorder on some physical properties of the Cu_2MnAl Heusler alloy films. <i>Journal of Applied Physics</i> , 2005, 97, 113903.	2.5	25
7	Structural dependence of some physical properties of the Ni_2MnGe Heusler alloy films. <i>Journal of Applied Physics</i> , 2006, 99, 063902.	2.5	22
8	Magnetic, magneto-optical, and transport properties of ferromagnetic shape-memory Ni_2MnGa alloy. <i>Journal of Applied Physics</i> , 2003, 93, 6975-6977.	2.5	20
9	Modification of the structure and the physical properties of Fe/Si multilayered films by ion-beam mixing. <i>Physical Review B</i> , 2002, 65, .	3.2	19
10	Transport properties of Co_2CrAl Heusler alloy films. <i>European Physical Journal B</i> , 2012, 85, 1.	1.5	19
11	Electronic structure, optical, and magneto-optical properties of Co_2CrGa Heusler alloy films: Experimental and theoretical study. <i>Journal of Applied Physics</i> , 2010, 108, 113708.	2.5	17
12	Properties of spin-polarized Pt in magneto-optical Co/Pt multilayered films. <i>Physical Review B</i> , 2001, 63, .	3.2	16
13	Electronic structure and magnetic properties of Ni_2MnGa alloy films with different structural orders. <i>Journal of Applied Physics</i> , 2003, 93, 5527-5530.	2.5	16
14	Influence of structural disorder on the temperature dependence of the transport and magnetic properties of $\text{L}2\text{-phaseCo}_x\text{Al}_{1-x}$ alloy films. <i>Physical Review B</i> , 1999, 59, 546-553.	3.2	15
15	Magneto-optical spectroscopy study of the solid-state reaction in Ti/Ni multilayered films. <i>Journal of Applied Physics</i> , 2000, 88, 2430-2436.	2.5	15
16	Magnetic and optical properties of ordered and disordered B2-phase CoAl alloys. <i>Journal of Applied Physics</i> , 2000, 87, 5887-5889.	2.5	14
17	Effect of structural disordering on magnetic properties of stoichiometric Ni_2MnGa alloy films. <i>Physica Status Solidi A</i> , 2003, 196, 49-52.	1.7	12
18	Mixed structural face-centered cubic and body-centered cubic orders in near stoichiometric Fe_2MnGa alloys. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	12

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19	Interfaces of Fe/Si multilayered films with a strong antiferromagnetic coupling analyzed by optical and magneto-optical spectroscopies. <i>Journal of Applied Physics</i> , 2001, 90, 2903-2910.	2.5	10
20	Influence of structural disorder on the magnetic, optical, and transport properties of \hat{I}^2 -phase $\text{Co}_{0.50}\text{Ti}_{0.50}$ alloy films. <i>Physical Review B</i> , 1999, 60, 8067-8074.	3.2	9
21	Effect of the structural disorder on the magnetic, transport, and optical properties of B2-phase $\text{Ni}_{0.50}\text{Al}_{0.50}$ alloy films. <i>Journal of Applied Physics</i> , 2002, 91, 4364-4373.	2.5	9
22	Optical and magneto-optical properties of nanocrystalline Fe-rich Fe-Si alloy films. <i>Physical Review B</i> , 2003, 68, .	3.2	8
23	Magnetic properties of Ni-Mn-Ga Heusler alloy films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 143-146.	0.8	8
24	Optical properties of Co silicides: Experiment and density functional theory. <i>Journal of Applied Physics</i> , 2007, 102, 103503.	2.5	7
25	Structural transition of Fe and Co sublayers in Fe/Zr and Co/Zr multilayered films investigated by magneto-optical spectroscopy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998, 16, 389-392.	2.1	6
26	Modified physical properties by ion-beam mixing of Fe \hat{I}^2 -Si multilayered films. <i>Journal of Applied Physics</i> , 2002, 91, 7194.	2.5	5
27	The effect of Ge substitution in $\text{Ni}_{2}\text{MnGa}_{1-x}\text{Ge}_x$ Heusler alloys and films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 147-150.	0.8	5
28	Tunnel spin injection and the conductivity of ferromagnet-superconductor heterostructures with zero bias. <i>Low Temperature Physics</i> , 2011, 37, 489-495.	0.6	5
29	Optical properties of Fe \hat{I}^2 -Mn \hat{I}^2 -Ga alloys. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 235501.	1.8	3
30	Tunnel injection of spin-polarized current in $\text{Co}_2\text{Cr}_x\text{Fe}_{1-x}\text{Al}$ ($x = 1, 0.6$) insulator-superconductor heterostructures. <i>Low Temperature Physics</i> , 2016, 42, 181-188.	0.6	1
31	Dependence of the transport properties on the long range order of \hat{I}^2 -phase $\text{Co}_{0.50}\text{Ti}_{0.50}$ alloy films. <i>Journal of Applied Physics</i> , 2001, 89, 3315-3318.	2.5	0
32	Magnetic and transport properties of Ni \hat{I}^2 -Mn \hat{I}^2 -In Heusler alloy films: the effect of structural disorder. <i>European Physical Journal B</i> , 2021, 94, 1.	1.5	0