

O N Miroshkina

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

169
citations

1163117

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docs citations

23
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150
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of local arrangement of Fe and Ni on the phase stability and magnetocrystalline anisotropy in Fe-Ni-Al Heusler alloys. <i>Physical Review Materials</i> , 2022, 6, .	2.4	6
2	Chemical long range ordering in all-d-metal Heusler alloys. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	3
3	Effective decoupling of ferromagnetic sublattices by frustration in Heusler alloys. <i>Physical Review B</i> , 2022, 105, .	3.2	9
4	Review of Modern Theoretical Approaches for Study of Magnetocaloric Materials. <i>Physics of Metals and Metallography</i> , 2022, 123, 319-374.	1.0	12
5	Prediction of a Heusler alloy with switchable metal-to-half-metal behavior. <i>Physical Review B</i> , 2021, 103, .	3.2	8
6	A Ternary Map of Ni-Mn-Ga Heusler Alloys from Ab Initio Calculations. <i>Metals</i> , 2021, 11, 973.	2.3	4
7	Phase transitions in Fe-(23~24)Ga alloys: Experimental results and modeling. <i>Journal of Alloys and Compounds</i> , 2021, 885, 160917.	5.5	3
8	Design of a Stable Heusler Alloy with Switchable Metal-Half-Metal Transition at Finite Temperature. <i>Advanced Theory and Simulations</i> , 2021, 4, 2100311.	2.8	6
9	Statistical model for the martensitic transformation simulation in Heusler alloys. <i>Physica B: Condensed Matter</i> , 2020, 578, 411874.	2.7	2
10	Phase transitions in Fe ₃ Al-based alloys: <i>ab initio</i> study. <i>Phase Transitions</i> , 2020, 93, 43-53.	1.3	1
11	Electronic structure beyond the generalized gradient approximation for $\text{Ni}_{1-x}\text{Mn}_x\text{Co}_2$. <i>Physical Review B</i> , 2020, 102, .		
12	Superconducting and antiferromagnetic properties of dual-phase V ₃ Ga. <i>Applied Physics Letters</i> , 2020, 117, 062401.	3.3	5
13	Exchange-correlation corrections for electronic properties of half-metallic Co ₂ FeSi and nonmagnetic semiconductor CoFeTiAl. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	10
14	Coulomb correlation in noncollinear antiferromagnetic $\text{Ni}_{1-x}\text{Mn}_x$ -Mn. <i>Physical Review B</i> , 2020, 101, .	3.2	27
15	Prediction of giant magnetocaloric effect in Ni ₄₀ Co ₁₀ Mn ₃₆ Al ₁₄ Heusler alloys: An insight from ab initio and Monte Carlo calculations. <i>Journal of Applied Physics</i> , 2020, 127, 163901.	2.5	8
16	Phase Transformations in Ni(Co)-Mn(Cr,C)-(In,Sn) Alloys: An Ab Initio Study. <i>Physics of Metals and Metallography</i> , 2020, 121, 202-209.	1.0	4
17	Theoretical Approach to Investigation of the Magnetic and Magnetocaloric Properties of Heusler Ni-Mn-Ga Alloys. <i>Physics of the Solid State</i> , 2020, 62, 785-792.	0.6	4
18	Correlation effects in the ground state of Ni-(Co)-Mn-Sn Heusler compounds. <i>MRS Advances</i> , 2019, 4, 441-446.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Soft Phonon Modes in Ni ₂ MnGa and Ni ₂ MnAl Heusler Alloys. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 909-911.	0.6	0
20	Correlation effects on ground-state properties of ternary Heusler alloys: First-principles study. Physical Review B, 2019, 99, .	3.2	28
21	Peculiarities of phonons in Ni-Mn-Ga alloys: Ab initio studies. Journal of Magnetism and Magnetic Materials, 2019, 470, 73-76.	2.3	2
22	Ab Initio Study of the Structural, Magnetic, Electronic, and Thermodynamic Properties of Pd ₂ MnZ (Z =) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	8
23	Structural and magnetic properties of heusler alloys Pd ₂ MnZ (Z=Ga, Ge, As): AB INITIO study. EPJ Web of Conferences, 2018, 185, 05007.	0.3	3