

A Herrero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10533550/publications.pdf>

Version: 2024-02-01

11
papers

102
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallographic, magnetic and magnetocaloric properties in novel intermetallic materials R ₃ CoNi (R) Tj ETQq1 1 0.784314 rgBT /Overlo	5.5	14
2	Critical behavior of the ferromagnetic transition in GdSc(Si,Ge) intermetallic compounds. Intermetallics, 2018, 101, 64-71.	3.9	13
3	Tailoring the magnetocaloric, magnetic and thermal properties of Dy ₆ (Fe,Mn)X ₂ intermetallics (X Sb,) Tj ETQq1 1 0.784314 rgBT /Overlo	5.5	13
4	Magnetocaloric properties and unconventional critical behavior in (Gd,Tb) ₆ (Fe,Mn)Bi ₂ intermetallics. Journal of Alloys and Compounds, 2020, 843, 155937.	5.5	12
5	Magnetocaloric properties, magnetic interactions and critical behavior in Ho ₆ (Fe,Mn)Bi ₂ intermetallics. Journal of Alloys and Compounds, 2020, 821, 153198.	5.5	11
6	Peculiar magnetocaloric properties and critical behavior in antiferromagnetic Tb ₃ Ni with complex magnetic structure. Journal of Alloys and Compounds, 2019, 808, 151720.	5.5	10
7	Study of the magnetocaloric effect in intermetallics RTX (R = Nd, Gd; T = Sc, Ti; X = Si, Ge). Intermetallics, 2019, 110, 106495.	3.9	10
8	Comprehensive study of the magnetic phase transitions in Tb ₃ Co combining thermal, magnetic and neutron diffraction measurements. Intermetallics, 2019, 111, 106519.	3.9	8
9	Critical behavior of magnetic transitions in Dy ₃ Co single crystal. Journal of Alloys and Compounds, 2018, 741, 1163-1168.	5.5	5
10	Magnetic transitions with magnetocaloric effects near room temperature related to structural transitions in Y _{0.9} Pr _{0.1} Fe ₂ D _{3.5} deuteride. Journal of Applied Physics, 2021, 130, 113904.	2.5	4
11	Composition-tunable magnetic properties of {Gd, Dy, Ho} ₆ FeTe ₂ , Ho ₆ RuSb ₂ ternary compounds and Dy ₆ FeSbBi, Dy ₆ FeSbTe and Dy ₆ FeBiTe quasiternary solid solutions. Physica B: Condensed Matter, 2022, 643, 414187.	2.7	2