

# A Herrero

## List of Publications by Year in descending order

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11  
papers

102  
citations

1163117

8  
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1372567

10  
g-index

11  
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11  
docs citations

11  
times ranked

51  
citing authors

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