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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simultaneous transport properties of $N_{i2}Mn_{1-x}Co_x$ Heusler alloys. AIP Advances, 2017, 8, 056432.	1.1	23
2	How Strain Alters CO_2 Electroreduction on Model Cu(001) Surfaces. ACS Catalysis, 2021, 11, 6662-6671.	5.5	23
3	Large refrigeration capacities near room temperature in $Ni_2Mn_{1-x}Cr_xIn$. Journal of Magnetism and Magnetic Materials, 2017, 425, 1-5.	1.0	22
4	Enhanced magnetic refrigeration capacities in minutely Co doped $Mn_{5-x}Co_xGe_3$ compounds. Intermetallics, 2017, 89, 10-15.	1.8	13
5	Nonequilibrium sub-10 nm spin-wave soliton formation in FePt nanoparticles. Science Advances, 2022, 8, eabn0523.	4.7	10
6	The Effect of Fe Doping on the Magnetic and Magnetocaloric Properties of $Mn_{5-x}Fe_xGe_3$. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.0	8
7	Energy-efficient generation of skyrmion phases in Co/Ni/Pt-based multilayers using Joule heating. Physical Review Materials, 2020, 4, .	0.9	8
8	Element-Specific Magnetization Dynamics in Co-Pt Alloys Induced by Strong Optical Excitation. Journal of Physical Chemistry C, 2021, 125, 11714-11721.	1.5	7
9	Observation of unusual ferromagnetic cluster glass behavior in CrAlGe. Physical Review Materials, 2017, 1, .	0.9	7
10	Current-induced generation of skyrmions in Pt/Co/Os/Pt thin films. Physical Review B, 2020, 102, .	1.1	6
11	Dynamic Symmetry Breaking in Chiral Magnetic Systems. Advanced Materials, 2021, 33, e2101524.	11.1	6
12	The effect of TM doping on the superconducting properties of $ZrNi_{2-x}TM_xGa$ (TM = Cu, Co) Heusler compounds. AIP Advances, 2018, 8, .	0.6	2
13	Superconducting properties of In doped $ZrNi_2Ga_{1-x}In_x$. Solid State Communications, 2019, 291, 28-31.	0.9	2
14	Skyrmion Stabilization at the Domain Morphology Transition in Ferromagnet/Heavy Metal Heterostructures with Low Exchange Stiffness. Advanced Materials Interfaces, 0, , 2101708.	1.9	1
15	Unusual nature of the martensite and ferromagnetic transitions in $Ni_2Mn_{0.4-x}Fe_xCr_{0.6}Ga$ Heusler alloys. AIP Advances, 2017, 7, 056432.	0.6	0
16	Magnetocaloric effects and electrical resistivity of $Ni_2Mn_{0.55}Co_xCr_{0.45-x}Ga$ A Heusler alloy system exhibiting a partially-decoupled first-order phase transition. AIP Advances, 2018, 8, 056429.	0.6	0