

Dun-Hui Wang

List of Publications by Year in descending order

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1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant exchange bias effect in all-3d-metal Ni _{38.8} Co _{2.9} Mn _{37.9} Ti _{20.4} thin film. Applied Physics Letters, 2020, 116, .	3.3	6
2	Giant Negative Thermal Expansion in Antiferromagnetic CrAs -Based Compounds. Physical Review Applied, 2019, 12, .	3.8	9
3	Extremely large magnetoresistance in the antiferromagnetic semimetal GdSb. Journal of Materials Chemistry C, 2018, 6, 3026-3033.	5.5	32
4	Large Magnetocaloric Effect and Magnetoresistance in Fe and Co Co-doped Ni ₂ MnAl Heusler Alloys. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700843.	1.8	13
5	Formation of a Flower-Like Co ₂ MoS ₄ on Reduced Graphene Oxide Composite on Nickel Foam with Enhanced Electrochemical Capacitive Properties. ChemElectroChem, 2018, 5, 3748-3756.	3.4	8
6	Rational Assembly of CoAl-layered Double Hydroxide on Reduced Graphene Oxide with Enhanced Electrochemical Performance for Energy Storage. ChemElectroChem, 2018, 5, 2424-2434.	3.4	34
7	Extremely large magnetoresistance in the nonmagnetic semimetal YBi. Journal of Materials Chemistry C, 2018, 6, 10020-10029.	5.5	13
8	Surface-effect enhanced magneto-electric coupling in FePt/PMN-PT multiferroic heterostructures. AIP Advances, 2017, 7, 055833.	1.3	8
9	Large magnetostrain in magnetic-field-aligned Mn _{0.965} CoGe compound. AIP Advances, 2017, 7, 056430.	1.3	6
10	FeSiAl soft magnetic composites with NiZn ferrite coating produced via solvothermal method. AIP Advances, 2017, 7, .	1.3	6
11	Driving higher magnetic field sensitivity of the martensitic transformation in MnCoGe ferromagnet. Applied Physics Letters, 2017, 111, .	3.3	22
12	Magnetic manipulation of electric orders in Co ₄ NbTaO ₉ . RSC Advances, 2016, 6, 95038-95043.	3.6	5
13	Modulated multiferroic properties of MnWO ₄ via chemical doping. RSC Advances, 2016, 6, 3219-3223.	3.6	5
14	Magnetic-field-induced Dielectric Anomaly and Electric Polarization in Co ₄ Ta ₂ O ₉ . Journal of the American Ceramic Society, 2015, 98, 2005-2007.	3.8	24
15	Enhancement of the martensitic transformation and magnetocaloric effect of Ni-Mn-V-Sn ribbons by annealing treatment. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1954-1960.	1.8	5
16	Magnetic-field-induced dielectric anomaly and electric polarization in Mn ₄ Nb ₂ O ₉ . Journal of Applied Physics, 2015, 117, .	2.5	36
17	Magnetic, dielectric, and magnetoelectric properties in Sr ₂ CoGe ₂ O ₇ . Journal of Applied Physics, 2015, 117, 17C735.	2.5	2
18	Tuning of the microwave magnetization dynamics in CoZr-based thin films by Nd-doping. Journal of Applied Physics, 2015, 117, 17A335.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Textured, dense and giant magnetostrictive alloy from fissile polycrystal. Acta Materialia, 2015, 98, 113-118.	7.9	35
20	The antiferromagnetic-ferromagnetic conversion and magnetostructural transformation in Mn-Ni-Fe-Ge ribbons. Applied Physics Letters, 2014, 104, 202412.	3.3	26
21	Giant magnetocaloric and magnetoresistance effects in ferrimagnetic Mn _{1.9} Co _{0.1} Sb alloy. Applied Physics Letters, 2014, 104, .	3.3	31
22	Large magnetoelectric coupling in Co ₄ Nb ₂ O ₉ . Scientific Reports, 2014, 4, 3860.	3.3	80
23	The tunable magnetostructural transition in MnNiSi-FeNiGe system. Applied Physics Letters, 2013, 103, 132411.	3.3	44
24	Magnetic phase separation and exchange bias in off-stoichiometric Ni-Mn-Ga alloys. Applied Physics Letters, 2013, 103, .	3.3	59
25	Electric field control of magnetic properties in CoPt/Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ heterostructure at room temperature. Applied Physics Letters, 2013, 103, 082404.	3.3	27
26	Peculiarity of magnetoresistance in high pressure annealed Ni ₄₃ Mn ₄₁ Co ₅ Sn ₁₁ alloy. Applied Physics Letters, 2013, 102, 032407.	3.3	31
27	Phase stability and magnetic-field-induced martensitic transformation in Mn-rich NiMnSn alloys. AIP Advances, 2012, 2, .	1.3	35
28	Effect of electric field on magneto-transport properties in La _{2/3} (Ca _{0.6} Ba _{0.4}) _{1/3} MnO ₃ /Pb(Zr _{0.52} Ti _{0.48})O ₃ laminated composite. Journal of Applied Physics, 2011, 109, 07D723.	2.5	4
29	Effect of partial Nd-substitution on the magnetic and magnetocaloric properties in spin-reorientation PrCo ₄ Al alloy. European Physical Journal B, 2011, 84, 167-171.	1.5	4
30	Large and highly reversible magnetic field-induced strains in textured Co _{1-x} Ni _x MnSi alloys at room temperature. Journal Physics D: Applied Physics, 2011, 44, 135003.	2.8	14
31	Electric field control of magnetism without magnetic bias field in the Ni/Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ /Ni composite. Applied Physics Letters, 2011, 99, .	3.3	24
32	Large exchange bias field in the Ni-Mn-Sn Heusler alloys with high content of Mn. Applied Physics Letters, 2010, 96, .	3.3	103
33	Direct and converse magnetoelectric effects in Ni ₄₃ Mn ₄₁ Co ₅ Sn ₁₁ /Pb(Zr,Ti)O ₃ laminate. Journal of Applied Physics, 2010, 107, .	2.5	17
34	The martensitic transformation, magnetocaloric effect, and magnetoresistance in high-Mn content Mn _{47+x} Ni _{43-x} Sn ₁₀ ferromagnetic shape memory alloys. Journal of Applied Physics, 2010, 108, .	2.5	46
35	Converse magnetoelectric effect in ferromagnetic shape memory alloy/piezoelectric laminate. Applied Physics Letters, 2009, 95, .	3.3	45
36	Structure and magnetic properties of melt-spinning Pr(Fe _{0.6} Co _{0.4}) ₂ alloys. Journal of Applied Physics, 2000, 87, 6289-6291.	2.5	7

#	ARTICLE	IF	CITATIONS
37	Effect of Mo concentration on the phase composition and magnetic properties of Nd ₈ (Fe,Mo) ₈₆ B ₆ nanocomposite magnets. Journal of Applied Physics, 1999, 85, 7336-7339.	2.5	11
38	Large magnetoelectric coupling in Co ₄ Nb ₂ O ₉ . , 0, .		1