

Dun-Hui Wang

List of Publications by Year in descending order

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430874

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38
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38
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Large exchange bias field in the Ni ϵ -Mn ϵ -Sn Heusler alloys with high content of Mn. Applied Physics Letters, 2010, 96, .	3.3	103
2	Large magnetoelectric coupling in Co ₄ Nb ₂ O ₉ . Scientific Reports, 2014, 4, 3860.	3.3	80
3	Magnetic phase separation and exchange bias in off-stoichiometric Ni-Mn-Ga alloys. Applied Physics Letters, 2013, 103, .	3.3	59
4	The martensitic transformation, magnetocaloric effect, and magnetoresistance in high-Mn content Mn _{47+x} Ni _{43-\hat{x}} Sn ₁₀ ferromagnetic shape memory alloys. Journal of Applied Physics, 2010, 108, .	2.5	46
5	Converse magnetoelectric effect in ferromagnetic shape memory alloy/piezoelectric laminate. Applied Physics Letters, 2009, 95, .	3.3	45
6	The tunable magnetostructural transition in MnNiSi-FeNiGe system. Applied Physics Letters, 2013, 103, 132411.	3.3	44
7	Magnetic-field-induced dielectric anomaly and electric polarization in Mn ₄ Nb ₂ O ₉ . Journal of Applied Physics, 2015, 117, .	2.5	36
8	Phase stability and magnetic-field-induced martensitic transformation in Mn-rich NiMnSn alloys. AIP Advances, 2012, 2, .	1.3	35
9	Textured, dense and giant magnetostrictive alloy from fissile polycrystal. Acta Materialia, 2015, 98, 113-118.	7.9	35
10	Rational Assembly of CoAl ϵ -Layered Double Hydroxide on Reduced Graphene Oxide with Enhanced Electrochemical Performance for Energy Storage. ChemElectroChem, 2018, 5, 2424-2434.	3.4	34
11	Extremely large magnetoresistance in the antiferromagnetic semimetal GdSb. Journal of Materials Chemistry C, 2018, 6, 3026-3033.	5.5	32
12	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
13	Giant magnetocaloric and magnetoresistance effects in ferrimagnetic Mn _{1.9} Co _{0.1} Sb alloy. Applied Physics Letters, 2014, 104, .	3.3	31
14	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
15	The antiferromagnetic-ferromagnetic conversion and magnetostructural transformation in Mn-Ni-Fe-Ge ribbons. Applied Physics Letters, 2014, 104, 202412.	3.3	26
16	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
17	Magnetic ϵ Field ϵ 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
18	Driving higher magnetic field sensitivity of the martensitic transformation in MnCoGe ferromagnet. Applied Physics Letters, 2017, 111, .	3.3	22

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Large Magnetocaloric Effect and Magnetoresistance in Fe and Co Doped Ni-Mn-Al Heusler Alloys. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700843.	1.8	13
22	Extremely large magnetoresistance in the nonmagnetic semimetal YBi. Journal of Materials Chemistry C, 2018, 6, 10020-10029.	5.5	13
23	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
24	Giant Negative Thermal Expansion in Antiferromagnetic CrAs -Based Compounds. Physical Review Applied, 2019, 12, .	3.8	9
25	Surface-effect enhanced magneto-electric coupling in FePt/PMN-PT multiferroic heterostructures. AIP Advances, 2017, 7, 055833.	1.3	8
26	Formation of a Flower-Like Co-MoS ₂ on Reduced Graphene Oxide Composite on Nickel Foam with Enhanced Electrochemical Capacitive Properties. ChemElectroChem, 2018, 5, 3748-3756.	3.4	8
27	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
28	Large magnetostrain in magnetic-field-aligned Mn _{0.965} CoGe compound. AIP Advances, 2017, 7, 056430.	1.3	6
29	FeSiAl soft magnetic composites with NiZn ferrite coating produced via solvothermal method. AIP Advances, 2017, 7, .	1.3	6
30	Giant exchange bias effect in all-d-metal Ni _{38.8} Co _{2.9} Mn _{37.9} Ti _{20.4} thin film. Applied Physics Letters, 2020, 116, .	3.3	6
31	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
32	Magnetic manipulation of electric orders in Co ₄ NbTaO ₉ . RSC Advances, 2016, 6, 95038-95043.	3.6	5
33	Modulated multiferroic properties of MnWO ₄ via chemical doping. RSC Advances, 2016, 6, 3219-3223.	3.6	5
34	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
35	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
36	Magnetic, dielectric, and magnetoelectric properties in Sr ₂ CoGe ₂ O ₇ . Journal of Applied Physics, 2015, 117, 17C735.	2.5	2

#	ARTICLE	IF	CITATIONS
37	Tuning of the microwave magnetization dynamics in CoZr-based thin films by Nd-doping. Journal of Applied Physics, 2015, 117, 17A335.	2.5	2
38	Large magnetoelectric coupling in Co ₄ Nb ₂ O ₉ . , 0, .		1