

# Shane Stadler

## List of Publications by Year in descending order

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120  
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docs citations

125  
times ranked

1980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exchange bias behavior in Ni <sub>1-x</sub> Mn <sub>x</sub> Sb Heusler alloys. Applied Physics Letters, 2007, 91, 072510.	3.3	231
2	Magnetocaloric properties of Ni <sub>2</sub> Mn <sub>1-x</sub> Cu <sub>x</sub> Ga. Applied Physics Letters, 2006, 88, 192511.	3.3	230
3	Large magnetic entropy change in Ni <sub>50</sub> Mn <sub>50-x</sub> In <sub>x</sub> Heusler alloys. Applied Physics Letters, 2007, 90, 262504.	3.3	203
4	Inverse magnetocaloric effect in ferromagnetic Ni <sub>50</sub> Mn <sub>37-x</sub> Sb <sub>13-x</sub> Heusler alloys. Journal of Applied Physics, 2007, 101, 053919.	2.5	175
5	Exchange bias in bulk Mn rich Ni <sub>1-x</sub> Mn <sub>x</sub> Sn Heusler alloys. Journal of Applied Physics, 2007, 102, .	2.5	149
6	Adaptive Mo <sub>2</sub> N/MoS <sub>2</sub> /Ag Tribological Nanocomposite Coatings for Aerospace Applications. Tribology Letters, 2008, 29, 95-103.	2.6	148
7	Magnetocaloric effects in Ni <sub>1-x</sub> Mn <sub>x</sub> X based Heusler alloys with X=Ga, Sb, In. Journal of Magnetism and Magnetic Materials, 2009, 321, 754-757.	2.3	139
8	Giant magnetocaloric effects near room temperature in Mn <sub>1-x</sub> Cu <sub>x</sub> CoGe. Applied Physics Letters, 2012, 101, .	3.3	118
9	Hydrostatic pressure-induced modifications of structural transitions lead to large enhancements of magnetocaloric effects in MnNiSi-based systems. Physical Review B, 2015, 91, .	3.2	100
10	Magnetoresistance and field-induced structural transitions in Ni <sub>50</sub> Mn <sub>50-x</sub> Sn <sub>x</sub> Heusler alloys. Journal of Magnetism and Magnetic Materials, 2008, 320, L21-L25.	2.3	94
11	Magnetostructural phase transitions in Ni <sub>50</sub> Mn <sub>25-x</sub> Sb <sub>25-x</sub> Heusler alloys. Journal of Physics Condensed Matter, 2008, 20, 235204.	1.8	92
12	Properties of atomized AlCoCrFeNi high-entropy alloy powders and their phase-adjustable coatings prepared via plasma spray process. Applied Surface Science, 2019, 478, 478-486.	6.1	91
13	Exchange bias in bulk Ni <sub>1-x</sub> Mn <sub>x</sub> In-based Heusler alloys. Journal of Magnetism and Magnetic Materials, 2009, 321, 963-965.	2.3	88
14	Magnetostructural phase transitions and magnetocaloric effects in MnNiGe <sub>1-x</sub> Al <sub>x</sub> . Applied Physics Letters, 2012, 100, .	3.3	84
15	The structural and magnetic properties of Ni <sub>2</sub> Mn <sub>1-x</sub> M <sub>x</sub> Ga (M=Co, Cu). Journal of Applied Physics, 2005, 97, 10M304.	2.5	73
16	Magnetocaloric effect and multifunctional properties of Ni <sub>1-x</sub> Mn <sub>x</sub> -based Heusler alloys. Journal of Magnetism and Magnetic Materials, 2012, 324, 3530-3534.	2.3	73
17	Barocaloric and magnetocaloric effects in (MnNiSi) <sub>1-x</sub> (FeCoGe) <sub>x</sub> . Applied Physics Letters, 2018, 112, .	3.3	65
18	Multifunctional properties related to magnetostructural transitions in ternary and quaternary Heusler alloys. Journal of Magnetism and Magnetic Materials, 2015, 383, 186-189.	2.3	63

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19	Magnetic and structural phase transitions in Heusler type alloys $\text{Ni}_2\text{MnGa}_{1-x}\text{In}_x$ . Journal of Physics Condensed Matter, 2004, 16, 5259-5266.	1.8	61
20	The role of Ni-Mn hybridization on the martensitic phase transitions in Mn-rich Heusler alloys. Applied Physics Letters, 2012, 100, .	3.3	61
21	The effect of partial substitution of In by Si on the phase transitions and respective magnetic entropy changes of $\text{Ni}_{50}\text{Mn}_{35}\text{In}_{15}$ Heusler alloy. Journal Physics D: Applied Physics, 2008, 41, 202004.	2.8	55
22	Phase transitions and magnetoresistance in $\text{Ni}_{50}\text{Mn}_{50-x}\text{In}_x$ Heusler alloys. Journal of Applied Physics, 2008, 103, .	2.5	53
23	Effects of hydrostatic pressure on magnetostructural transitions and magnetocaloric properties in $(\text{MnNiSi})_{1-x}(\text{FeCoGe})_x$ . Journal of Applied Physics, 2015, 117, .	2.5	51
24	Large inverse magnetic entropy changes and magnetoresistance in the vicinity of a field-induced martensitic transformation in $\text{Ni}_{50-x}\text{Co}_x\text{Mn}_{32-y}\text{Fe}_y\text{Ga}_{18}$ . Applied Physics Letters, 2010, 97, .	3.3	48
25	Phase diagram and magnetocaloric effects in aluminum doped MnNiGe alloys. Journal of Applied Physics, 2013, 114, .	2.5	45
26	Magnetoresistance and magnetocaloric effect at a structural phase transition from a paramagnetic martensitic state to a paramagnetic austenitic state in $\text{Ni}_{50}\text{Mn}_{36.5}\text{In}_{13.5}$ Heusler alloys. Applied Physics Letters, 2010, 96, .	3.3	44
27	Magnetostructural phase transitions and magnetocaloric effects in as-cast $\text{Mn}_{1-x}\text{Al}_x\text{CoGe}$ compounds. Journal of Alloys and Compounds, 2017, 709, 142-146.	5.5	43
28	Enhancement of ferromagnetism by Cr doping in Ni-Mn-Cr-Sb Heusler alloys. Applied Physics Letters, 2013, 102, 112402.	3.3	40
29	The effect of partial substitution of In by $X = \text{Si, Ge and Al}$ on the crystal structure, magnetic properties and resistivity of $\text{Ni}_{50}\text{Mn}_{35}\text{In}_{15}$ Heusler alloys. Journal Physics D: Applied Physics, 2009, 42, 045004.	2.8	38
30	Giant reversible inverse magnetocaloric effects in $\text{Ni}_{50}\text{Mn}_{35}\text{In}_{15}$ Heusler alloys. Journal of Alloys and Compounds, 2016, 683, 139-142.	5.5	34
31	Large magnetocaloric effects over a wide temperature range in $\text{MnCo}_{1-x}\text{Zn}_x\text{Ge}$ . Journal of Applied Physics, 2013, 113, .	2.5	33
32	Influence of the small substitution of $Z = \text{Ni, Cu, Cr, V}$ for Fe on the magnetic, magnetocaloric, and magnetoelastic properties of $\text{LaFe}_{11.4}\text{Si}_{1.6}$ . Journal of Magnetism and Magnetic Materials, 2010, 322, 692-697.	2.3	32
33	Magnetism and magnetocaloric effects in $\text{Ni}_{50}\text{Mn}_{35-x}\text{Co}_x\text{In}_{15}$ Heusler alloys. Journal of Applied Physics, 2010, 107, .	2.5	30
34	Potential phase control of chromium oxide thin films prepared by laser-initiated organometallic chemical vapor deposition. Applied Physics Letters, 2001, 78, 521-523.	3.3	29
35	Inverse magnetocaloric effects in metamagnetic Ni-Mn-In-based alloys in high magnetic fields. Journal of Alloys and Compounds, 2017, 695, 3348-3352.	5.5	27
36	Giant reversible barocaloric response of $(\text{MnNiSi})_{1-x}(\text{FeCoGe})_x$ ( $x = 0.39, 0.40$ ), Tj ETQq0 0 QrgBT /Overlock 10 T	5.5	27

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37	Effect of small changes in Mn concentration on phase transition temperatures and magnetic entropy variations in Ni <sub>2</sub> Mn <sub>0.75</sub> Cu <sub>0.25</sub> Ga Heusler alloys. <i>Journal of Alloys and Compounds</i> , 2009, 472, 35-39.	5.5	26
38	Microwave magnetoelectric coupling and ferromagnetic resonance frequency tuning of a Co $\times \text{MnSb/GaAs/PZN-PT}$ heterostructure. <i>Physical Review B</i> , 2011, 83, .	3.2	26
39	Asymmetric switchinglike behavior in the magnetoresistance at low fields in bulk metamagnetic Heusler alloys. <i>Physical Review B</i> , 2014, 90, .	3.2	25
40	Large Inverse Magnetocaloric Effects and Giant Magnetoresistance in Ni-Mn-Cr-Sn Heusler Alloys. <i>Magnetochemistry</i> , 2017, 3, 3.	2.4	25
41	Effects of magnetic and structural phase transitions on the normal and anomalous Hall effects in Ni-Mn-In-B Heusler alloys. <i>Physical Review B</i> , 2020, 101, .	3.2	24
42	Mn <sub>1-x</sub> FexCoGe: A strongly correlated metal in the proximity of a noncollinear ferromagnetic state. <i>Applied Physics Letters</i> , 2013, 103, 042408.	3.3	23
43	The comparison of direct and indirect methods for determining the magnetocaloric parameters in the Heusler alloy Ni <sub>50</sub> Mn <sub>34.8</sub> In <sub>14.2</sub> B. <i>Applied Physics Letters</i> , 2012, 100, 192402.	3.3	22
44	Magnetic and transport properties of Co <sub>2</sub> MnSn <sub>x</sub> Sb <sub>1-x</sub> Heusler alloys. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	20
45	Effect of partial substitution of Ni by Co on the magnetic and magnetocaloric properties of Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15</sub> Heusler alloy. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	20
46	Filling in the Holes: Structural and Magnetic Properties of the Chemical Pressure Stabilized LnMn <sub>x</sub> Ga <sub>3</sub> (Ln = Ho, Tm; $x \leq 0.15$ ). <i>Chemistry of Materials</i> , 2014, 26, 1170-1179.	6.7	20
47	Giant field-induced adiabatic temperature changes in In-based off-stoichiometric Heusler alloys. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	20
48	On entropy determination from magnetic and calorimetric experiments in conventional giant magnetocaloric materials. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	20
49	Effect of isoelectronic substitution on magnetic properties of Ni <sub>2</sub> Mn(GaB) Heusler alloys. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 465209.	1.8	17
50	Phase Transitions, Magnetotransport and Magnetocaloric Effects in a New Family of Quaternary Ni <sub>1-x</sub> Mn <sub>x</sub> In <sub>1-x</sub> Z <sub>x</sub> Heusler Alloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 7426-7431.	0.9	17
51	Large magnetocaloric effects due to the coincidence of martensitic transformation with magnetic changes below the second-order magnetic phase transition in Mn <sub>1-x</sub> FexCoGe. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 330, 88-90.	2.3	17
52	The effects of substituting Ag for In on the magnetoresistance and magnetocaloric properties of Ni-Mn-In Heusler alloys. <i>AIP Advances</i> , 2016, 6, .	1.3	17
53	Effects of annealing on the magnetic properties and magnetocaloric effects of B doped Ni-Mn-In melt-spun ribbons. <i>Journal of Alloys and Compounds</i> , 2018, 731, 678-684.	5.5	17
54	Phase transitions and corresponding magnetic entropy changes in Ni <sub>2</sub> Mn <sub>0.75</sub> Cu <sub>0.25-x</sub> CoxGa Heusler alloys. <i>Journal of Applied Physics</i> , 2007, 102, 023901.	2.5	16

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55	The structural and magnetic properties of Ni <sub>2</sub> Mn <sub>1-x</sub> B <sub>x</sub> Ga Heusler alloys. Journal of Magnetism and Magnetic Materials, 2009, 321, 29-33.	2.3	16
56	Phase transitions and magnetocaloric and transport properties in off-stoichiometric GdNi <sub>2</sub> Mnx. Journal of Applied Physics, 2016, 119, .	2.5	15
57	Magnetocaloric effects and transport properties of rare-earth (R=La, Pr, Sm) doped Ni <sub>50-x</sub> R <sub>x</sub> Mn <sub>35</sub> Sn <sub>15</sub> Heusler alloys. Journal of Alloys and Compounds, 2017, 717, 254-259.	5.5	15
58	The Effect of Partial Substitution of Ni by Co on the Magnetic and Electrical Properties of Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15</sub> Heusler Alloy. IEEE Transactions on Magnetics, 2010, 46, 1444-1446.	2.1	14
59	Magnetocaloric, thermal, and magnetotransport properties of Ni <sub>50</sub> Mn <sub>35</sub> In <sub>13.9</sub> B <sub>1.1</sub> Heusler alloy. Journal of Magnetism and Magnetic Materials, 2017, 444, 98-101.	2.3	14
60	Tuning martensitic transitions in (MnNiSi) <sub>0.65</sub> (Fe <sub>2</sub> Ge) <sub>0.35</sub> through heat treatment and hydrostatic pressure. Journal of Applied Physics, 2018, 124, .	2.5	14
61	Effects of heat treatments on magneto-structural phase transitions in MnNiSi-FeCoGe alloys. Intermetallics, 2019, 112, 106547.	3.9	14
62	Exchange Bias in Bulk Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15-x</sub> Si <sub>x</sub> Heusler Alloys. IEEE Transactions on Magnetics, 2009, 45, 3855-3857.	2.1	13
63	Thermosensitive Ni-based magnetic particles for self-controlled hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2017, 427, 200-205.	2.3	13
64	The polarization of Sb overlayers on NiMnSb(100). Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 273, 245-251.	2.1	12
65	Properties of thin film europium oxide by x-ray magnetic circular dichroism. Journal of Applied Physics, 2004, 95, 6571-6573.	2.5	12
66	Magnetic and magnetocaloric properties of Gd <sub>6</sub> X <sub>2</sub> Si <sub>3</sub> (X=Ni, Co) and Ln <sub>6</sub> Co <sub>2</sub> Si <sub>3</sub> (Ln=Pr, La). Journal of Applied Physics, 2011, 109, .	2.5	12
67	Field-pulse memory in a spin-glass. Applied Physics Letters, 2013, 103, .	3.3	12
68	Phase diagram and magnetocaloric effects in Ni <sub>50</sub> Mn <sub>35</sub> (In <sub>1-x</sub> Cr <sub>x</sub> ) <sub>15</sub> and (Mn <sub>1-x</sub> Cr <sub>x</sub> )NiGe <sub>1.05</sub> alloys. Journal of Applied Physics, 2014, 115, 17A922.	2.5	12
69	Comparing magnetostructural transitions in Ni <sub>50</sub> Mn <sub>18.75</sub> Cu <sub>6.25</sub> Ga <sub>25</sub> and Ni <sub>49.80</sub> Mn <sub>34.66</sub> In <sub>15.54</sub> Heusler alloys. Journal of Magnetism and Magnetic Materials, 2016, 401, 1145-1149.	2.3	12
70	Phase Transitions and Magnetocaloric Properties in MnCo <sub>1-x</sub> Zr <sub>x</sub> Ge Compounds. Advances in Condensed Matter Physics, 2017, 2017, 1-6.	1.1	12
71	The influence of Au substitution and hydrostatic pressure on the phase transitions and magnetocaloric properties of MnCoGe alloys. Journal of Applied Physics, 2020, 127, .	2.5	12
72	Magnetocaloric properties of Fe and Ge doped Ni <sub>2</sub> Mn <sub>1-x</sub> Cu <sub>x</sub> Ga. Journal of Applied Physics, 2007, 101, 09C515.	2.5	11

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73	Magnetic, magnetocaloric, and magnetoelastic properties of LaFe <sub>1.57</sub> Si <sub>1.43</sub> B <sub>x</sub> compounds. Journal of Applied Physics, 2009, 106, .	2.5	11
74	Temperature and field induced strain in polycrystalline Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15</sub> âˆ™xSix magnetic shape memory Heusler alloys. Journal of Alloys and Compounds, 2011, 509, 1106-1110.	5.5	11
75	Tuning properties of columnar nanocomposite oxides. Applied Physics Letters, 2013, 103, 043112.	3.3	10
76	Strategic Crystal Growth and Physical Properties of Single-Crystalline LnCo <sub>2</sub> Al <sub>8</sub> (Ln = La, Nd, Sm, Yb). Crystal Growth and Design, 2015, 15, 3293-3298.	3.0	10
77	Intermartensitic transformations in Ni <sub>2</sub> Mn <sub>1</sub> âˆ™xCoxGa Heusler alloys. Journal of Applied Physics, 2006, 99, 08M705.	2.5	9
78	Magnetic and electrical properties of Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15</sub> âˆ™xSix Heusler alloys. Journal of Applied Physics, 2009, 105, .	2.5	9
79	Structural Complexity Meets Transport and Magnetic Anisotropy in Single Crystalline Ln <sub>30</sub> Ru <sub>4</sub> Sn <sub>31</sub> (Ln = Gd, Dy). Journal of the American Chemical Society, 2013, 135, 2748-2758.	13.7	9
80	Asymmetric magnetoresistance in bulk In-based off-stoichiometric Heusler alloys. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1000-1003.	0.8	9
81	The effects of hydrostatic pressure on the martensitic transition, magnetic, and magnetocaloric effects of Ni <sub>45</sub> Mn <sub>43</sub> CoSn <sub>11</sub> . MRS Communications, 2017, 7, 885-890.	1.8	9
82	Large reversible magnetic entropy change in rapidly solidified Ni <sub>0.895</sub> Cr <sub>0.105</sub> MnGe <sub>1.05</sub> melt-spun ribbons. Intermetallics, 2018, 97, 89-94.	3.9	9
83	The influence of hydrostatic pressure and annealing conditions on the magnetostructural transitions in MnCoGe. Journal of Applied Physics, 2021, 129, .	2.5	9
84	Influence of copper substitution on the magnetic and magnetocaloric properties of NiMnInB alloys. Journal of Applied Physics, 2015, 117, .	2.5	8
85	Magnetic and magneto-transport studies of substrate effect on the martensitic transformation in a NiMnIn shape memory alloy. AIP Advances, 2016, 6, .	1.3	8
86	Magnetostructural transitions and magnetocaloric effects in Ni <sub>50</sub> Mn <sub>35</sub> In <sub>14.25</sub> B <sub>0.75</sub> ribbons. AIP Advances, 2018, 8, 056434.	1.3	8
87	Direct and indirect measurements of the magnetic and magnetocaloric properties of Ni <sub>0.895</sub> Cr <sub>0.105</sub> MnGe <sub>1.05</sub> melt-spun ribbons in high magnetic fields. Journal of Magnetism and Magnetic Materials, 2019, 488, 165359.	2.3	8
88	X-ray magnetic circular dichroism of pulsed laser deposited Co <sub>2</sub> MnSn and Co <sub>2</sub> MnSb thin films grown on GaAs (001). Journal of Applied Physics, 2009, 105, 103907.	2.5	7
89	The Adiabatic Temperature Changes in the Vicinity of the First-Order Paramagnetic-Ferromagnetic Transition in the Ni-Mn-In-B Heusler Alloy. IEEE Transactions on Magnetics, 2012, 48, 3738-3741.	2.1	7
90	Kinetic effects in the magnetic and magnetocaloric properties of metamagnetic Ni <sub>50</sub> Mn <sub>35</sub> In <sub>14.25</sub> B <sub>0.75</sub> . Journal of Magnetism and Magnetic Materials, 2018, 459, 98-101.	2.3	7

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91	Intermartensitic transitions in Ni <sub>1-x</sub> Mn <sub>x</sub> Fe <sub>1-x</sub> Cu <sub>x</sub> Ga Heusler alloys. Journal of Physics Condensed Matter, 2008, 20, 505206.	1.8	6
92	Structure and properties of rhombohedral CePd <sub>3</sub> Ga <sub>8</sub> : A variant of the cubic parent compound with BaHg <sub>11</sub> structure type. Journal of Solid State Chemistry, 2011, 184, 3185-3189.	2.9	6
93	Phase diagram and magnetocaloric effects in Ni <sub>1-x</sub> Cr <sub>x</sub> MnGe <sub>1.05</sub> . Journal of Applied Physics, 2015, 117, .	2.5	6
94	Effects of the partial substitution of Ni by Cr on the transport, magnetic, and magnetocaloric properties of Ni <sub>50</sub> Mn <sub>37</sub> In <sub>13</sub> . AIP Advances, 2017, 7, .	1.3	6
95	Effect of Bi substitution on the magnetic and magnetocaloric properties of Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15-x</sub> Bi <sub>x</sub> Heusler alloys. AIP Advances, 2018, 8, 056409.	1.3	6
96	Critical behavior in Ni <sub>2</sub> MnGa and Ni <sub>2</sub> Mn <sub>0.85</sub> Cu <sub>0.15</sub> Ga. Journal of Applied Physics, 2018, 123, .	2.5	6
97	Relaxation phenomena in adiabatic temperature changes near magnetostructural transitions in Heusler alloys. Journal of Alloys and Compounds, 2020, 821, 153402.	5.5	6
98	Magnetic properties and phase transitions of gadolinium-infused carbon nanotubes. Journal of Applied Physics, 2013, 113, .	2.5	5
99	Drastic violation of the basic correlation between the Hall effect and resistivity in the Heusler alloy Ni <sub>45</sub> Cr <sub>5</sub> Mn <sub>37</sub> In <sub>13</sub> . Journal of Magnetism and Magnetic Materials, 2019, 481, 25-28.	2.3	5
100	Peculiarities of Giant Magnetocaloric Effect in Ni <sub>50</sub> Mn <sub>35</sub> In <sub>15</sub> Alloys in the Vicinity of Martensitic Transition. Physics Procedia, 2015, 75, 1353-1359.	1.2	4
101	Magnetic and magnetocaloric properties of Ni-Mn-Cr-Sn Heusler alloys under the effects of hydrostatic pressure. AIP Advances, 2018, 8, .	1.3	4
102	Magnetostructural phase transitions and large magnetic entropy changes in Ag-doped Mn <sub>1-x</sub> Ag <sub>x</sub> CoGe intermetallic compounds. MRS Communications, 2019, 9, 315-320.	1.8	4
103	Origin of the magnetic moments in La <sub>0.65</sub> Pb <sub>0.35</sub> MnO <sub>3</sub> epitaxial thin films. Journal of Applied Physics, 2000, 87, 5606-5608.	2.5	3
104	Magnetic anisotropy of Co <sub>2</sub> MnSn <sub>1-x</sub> Sb <sub>x</sub> thin films grown on GaAs (001). Journal of Applied Physics, 2009, 105, .	2.5	3
105	The influence of hydrostatic pressure on the magnetic and magnetocaloric properties of DyRu <sub>2</sub> Si <sub>2</sub> . Journal of Applied Physics, 2017, 121, 045101.	2.5	3
106	Magnetic, structural and magnetocaloric properties of Ni-Si and Ni-Al thermoseeds for self-controlled hyperthermia. International Journal of Hyperthermia, 2017, 33, 1-6.	2.5	3
107	Microwave absorption through the martensitic and Curie transitions in Ni <sub>45</sub> Cr <sub>5</sub> Mn <sub>37</sub> In <sub>13</sub> . AIP Advances, 2018, 8, .	1.3	3
108	Specific heat and the influence of hydrostatic pressure on the phase transitions in Ni <sub>50</sub> Mn <sub>35</sub> In <sub>14.25</sub> Bi <sub>0.75</sub> . Journal of Magnetism and Magnetic Materials, 2018, 463, 19-22.	2.3	3

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109	Electronic property relationship in layered $\text{BaMn}_2\text{Sb}_2$ and $\text{BaMn}_2\text{Sb}_2$ compounds. <i>Journal of Applied Physics</i> , 2019, 121, 044301.	3.2	3
110	Adiabatic Temperature Changes at Structural and Magnetic Phase Transitions in $\text{Ni}_{45}\text{Mn}_{43}\text{CoSn}_{11}$ at High Magnetic Fields. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-4.	2.1	3
111	Study on the continuous phase evolution and physical properties of gas-atomized high-entropy alloy powders. <i>Materials Research Express</i> , 2020, 7, 026545.	1.6	3
112	Is Magnetic Circular Dichroism Surface Sensitive in the Manganese Perovskites?. <i>Materials Research Society Symposia Proceedings</i> , 1999, 602, 301.	0.1	2
113	Induced magnetic anisotropy and spin polarization in pulsed laser-deposited $\text{Co}_2\text{MnSb}$ thin films. <i>Journal of Applied Physics</i> , 2012, 111, 023903.	2.5	2
114	Effects of Rare-Earth (R = Pr, Gd, Ho, Er) Doping on Magnetostructural Phase Transitions and Magnetocaloric Properties in $\text{Ni}_{43}\text{R}_{43}\text{Mn}_{46}\text{Sn}_{11}$ Shape Memory Alloys. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-5.	2.1	2
115	The effects of Cu-substitution and high-pressure synthesis on phase transitions in $\text{Ni}_2\text{MnGa}$ Heusler alloys. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163480.	5.5	2
116	Synthesis and anisotropic properties of single crystalline $\text{Ln}_2\text{Ru}_3\text{Al}_{15+}$ (Ln=Gd, Tb). <i>Journal of Solid State Chemistry</i> , 2016, 236, 186-194.	2.9	1
117	Magnetic and martensitic transformations in $\text{Ni}_{48}\text{Co}_2\text{Mn}_{35}\text{In}_{15}$ melt-spun ribbons. <i>AIP Advances</i> , 2018, 8, 101410.	1.3	1
118	Magnetic field dependence of the martensitic transition and magnetocaloric effects in $\text{Ni}_{49}\text{BiMn}_{35}\text{In}_{15}$ . <i>AIP Advances</i> , 2020, 10, 015138.	1.3	1
119	Controlling the microstructure and associated magnetic properties of $\text{Ni}_{0.2}\text{Mn}_{3.2}\text{Ga}_{0.6}$ melt-spun ribbons by annealing. <i>AIP Advances</i> , 2017, 7, 056230.	1.3	0
120	NMR studies of the ground states of $\text{Ni}_{50-x}\text{Co}_x\text{Mn}_{35}\text{In}_{15}$ (x=1, 2.5) and $\text{Ni}_{45}\text{Co}_5\text{Mn}_{37}\text{In}_{13}$ Heusler alloys. <i>AIP Advances</i> , 2020, 10, 015328.	1.3	0