

Massimo Solzi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7139290/publications.pdf>

Version: 2024-02-01

166
papers

2,973
citations

218677

26
h-index

223800

46
g-index

174
all docs

174
docs citations

174
times ranked

2662
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant entropy change at the co-occurrence of structural and magnetic transitions in the Ni _{2.19} Mn _{0.81} Ga Heusler alloy. <i>European Physical Journal B</i> , 2003, 32, 303-307.	1.5	158
2	Magnetic phase diagram and demagnetization processes in perpendicular exchange-spring multilayers. <i>Physical Review B</i> , 2006, 73, .	3.2	141
3	Neutron diffraction and magnetic anisotropy study of Y-Fe-Ti intermetallic compounds. <i>Solid State Communications</i> , 1988, 66, 465-469.	1.9	119
4	From direct to inverse giant magnetocaloric effect in Co-doped NiMnGa multifunctional alloys. <i>Acta Materialia</i> , 2011, 59, 412-419.	7.9	117
5	Micromagnetic analysis of exchange-coupled hard-soft planar nanocomposites. <i>Physical Review B</i> , 2004, 69, .	3.2	116
6	Understanding magnetic relaxation in single-ion magnets with high blocking temperature. <i>Physical Review B</i> , 2020, 101, .	3.2	94
7	Large Magnetization and Reversible Magnetocaloric Effect at the Second-Order Magnetic Transition in Heusler Materials. <i>Advanced Materials</i> , 2016, 28, 3321-3325.	21.0	83
8	Composition dependence of magnetic and magnetothermal properties of Ni-Mn-Ga shape memory alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 2111-2112.	2.3	76
9	Hard-soft composite magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, 159-165.	2.3	68
10	Magnetic anisotropy and crystal structure of intermetallic compounds of the ThMn ₁₂ structure. <i>Journal of Applied Physics</i> , 1988, 64, 5084-5087.	2.5	64
11	Convergence of direct and indirect methods in the magnetocaloric study of first order transformations: The case of Ni-Co-Mn-Ga Heusler alloys. <i>Physical Review B</i> , 2012, 86, .	3.2	63
12	Reverse magnetostructural transformation in Co-doped NiMnGa multifunctional alloys. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	56
13	Spin polarised electrodes for organic light emitting diodes. <i>Organic Electronics</i> , 2004, 5, 309-314.	2.6	54
14	Hanle effect missing in a prototypical organic spintronic device. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	51
15	Reverse magnetostructural transformation and adiabatic temperature change in Co- and In-substituted Ni-Mn-Ga alloys. <i>Physical Review B</i> , 2012, 85, .	3.2	49
16	Co and In Doped Ni-Mn-Ga Magnetic Shape Memory Alloys: A Thorough Structural, Magnetic and Magnetocaloric Study. <i>Entropy</i> , 2014, 16, 2204-2222.	2.2	46
17	Tridentate (NNO) Schiff-base copper(II) complex: synthesis, crystal structure, and magnetic study. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3573-3582.	2.2	44
18	Phase transitions and magnetic entropy change in Mn-rich Ni ₂ MnGa alloys. <i>Journal of Applied Physics</i> , 2006, 100, 023908.	2.5	41

#	ARTICLE	IF	CITATIONS
19	Direct magnetocaloric characterization and simulation of thermomagnetic cycles. Review of Scientific Instruments, 2013, 84, 073907.	1.3	38
20	3d magnetism in Y2Fe14-xMxB with Me=Co, Ni, Mn, Cr. Solid State Communications, 1987, 61, 761-766.	1.9	35
21	Magnetocaloric Properties and Magnetic Anisotropy by Tailoring Phase Transitions in NiMnGa Alloys. Materials Science Forum, 0, 583, 169-196.	0.3	33
22	3d and 4f magnetism in Nd2Fe14-xCoxB and Y2Fe14-xCoxB compounds. Journal of Applied Physics, 1987, 61, 5369-5373.	2.5	31
23	Magnetization processes in hard Co-rich Co/Pt films with perpendicular anisotropy. Journal of Applied Physics, 2006, 100, 103911.	2.5	31
24	Magnetic anisotropy and first-order magnetization processes in Sm(Fe1-xCo)x10M2 (M = Ti, Si) compounds. Journal of Magnetism and Magnetic Materials, 1990, 88, 44-50.	2.3	29
25	Conditions for the growth of smooth La0.7Sr0.3MnO3 thin films by pulsed electron ablation. Thin Solid Films, 2013, 534, 83-89.	1.8	28
26	Ladder-like azido-bridged copper(II) complexes: Synthesis, X-ray structure and magnetic study. Inorganica Chimica Acta, 2009, 362, 5211-5218.	2.4	27
27	Characterization and modeling of the demagnetization processes in exchange-coupled SmCo5/Fe/SmCo5 trilayers. Physical Review B, 2010, 81, .	3.2	27
28	Magnetic phase diagram and anisotropy of pseudoternary (ErxDy1-x)2Fe14B compounds. Physical Review B, 1989, 39, 7081-7088.	3.2	26
29	Magnetic properties of Cobalt thin films deposited on soft organic layers. Journal of Magnetism and Magnetic Materials, 2007, 316, e987-e989.	2.3	26
30	Spin re-orientation transition and high field magnetostriction in ErFe10V2. Solid State Communications, 1988, 68, 711-714.	1.9	25
31	Field-induced segregation of ferromagnetic nanodomains in Pr0.5Sr0.5MnO3 detected by 55Mn NMR. Physical Review B, 2000, 61, 5924-5927.	3.2	24
32	Thermally activated magnetization reversal in bulk BiFe0.5Mn0.5O. Physical Review B, 2000, 61, 5924-5927.	3.2	24
33	Microstructural and magnetic properties of exchange-coupled Co/Fe multilayers. Journal of Applied Physics, 2000, 87, 6689-6691.	2.5	23
34	Reverse Magnetostructural Transitions by Co and In Doping NiMnGa Alloys: Structural, Magnetic, and Magnetoelastic Properties. Materials Science Forum, 0, 684, 151-163.	0.3	23
35	Millisecond direct measurement of the magnetocaloric effect of a Fe2P-based compound by the mirage effect. Applied Physics Letters, 2016, 108, .	3.3	23
36	A theoretical model for the time varying current in organic electrochemical transistors in a dynamic regime. Organic Electronics, 2016, 35, 59-64.	2.6	23

#	ARTICLE	IF	CITATIONS
37	Magnetocrystalline anisotropy of Ni and Mn substituted Nd ₂ Fe ₁₄ B compounds. Journal of Magnetism and Magnetic Materials, 1987, 67, 373-377.	2.3	22
38	Magnetic structure and preferential site occupation in manganese- and chromium-substituted Y ₂ Fe ₁₄ B compounds. Journal of the Less Common Metals, 1988, 136, 375-383.	0.8	22
39	Magnetocrystalline anisotropy in Y _{1-x} Pr _x Co ₅ . Journal of Applied Physics, 1988, 63, 172-175.	2.5	22
40	Effect of vanadium on the RE and Fe sublattice anisotropies in some REFe ₁₂ V _x (RE=Y,Er,Tb) tetragonal compounds. Journal of Applied Physics, 1991, 70, 3753-3759.	2.5	22
41	Interface effects on an ultrathin Co film in multilayers based on the organic semiconductor Alq ₃ . Applied Physics Letters, 2010, 97, 162509.	3.3	22
42	Influence of thermal conductivity on the dynamic response of magnetocaloric materials. International Journal of Refrigeration, 2015, 59, 29-36.	3.4	22
43	Influence of the transition width on the magnetocaloric effect across the magnetostructural transition of Heusler alloys. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150306.	3.4	22
44	Dynamics of nonergodic ferromagnetic/antiferromagnetic ordering and magnetocalorics in antiperovskite $\text{MnMn}_3\text{MnO}_{10}$. Physical Review B, 2017, 96, .	3.2	20
45	Magnetocrystalline anisotropy and first-order magnetisation processes in (Pr _{1-x} Nd _x) ₂ Fe ₁₄ B compounds. Journal of Physics Condensed Matter, 1990, 2, 7317-7328.	1.8	19
46	Modeling and characterization of irreversible switching and viscosity phenomena in perpendicular exchange-spring Fe-FePt bilayers. Physical Review B, 2008, 78, .	3.2	19
47	Tuning the magnetic and magnetocaloric properties of austenitic Ni-Mn-(In,Sn) Heuslers. Scripta Materialia, 2019, 170, 48-51.	5.2	19
48	Energy-transfer mechanisms in the KCl:Eu ²⁺ ,Mn ²⁺ system. Physical Review B, 1987, 36, 5124-5130.	3.2	18
49	Phenomenological analysis of the magnetocrystalline anisotropy of the Co sublattice in some rhombohedral and hexagonal intermetallic structures derived from the CaCu ₅ unit cell. Journal of Applied Physics, 1992, 72, 3009-3012.	2.5	18
50	Poling-Written Ferroelectricity in Bulk Multiferroic Double-Perovskite BiFe _{0.5} Mn _{0.5} O ₃ . Inorganic Chemistry, 2016, 55, 6308-6314.	4.0	18
51	Cold working consequence on the magnetocaloric effect of Ni ₅₀ Mn ₃₄ In ₁₆ Heusler alloy. Journal of Alloys and Compounds, 2018, 749, 211-216.	5.5	18
52	On the direct measurement of the adiabatic temperature change of magnetocaloric materials. Journal of Applied Physics, 2020, 127, .	2.5	18
53	Magnetocrystalline anisotropy of the 3d sublattice in the cubic intermetallic system Zr ₆ Co ₂₃ M _x (M=Fe,Ni). Journal of Applied Physics, 1993, 73, 2941-2947.	2.5	16
54	Magnetic anisotropy of LaCo-substituted SrFe ₁₂ O ₁₉ ferrites. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1845-E1846.	2.3	16

#	ARTICLE	IF	CITATIONS
55	Continuum micromagnetic modeling of antiferromagnetically exchange-coupled multilayers. <i>Physical Review B</i> , 2011, 83, .	3.2	16
56	Structural and Electric Evidence of Ferrielectric State in $\text{Pb}_{2-x}\text{MnWO}_6$ Double Perovskite System. <i>Inorganic Chemistry</i> , 2014, 53, 10283-10290.	4.0	16
57	Non-contact direct measurement of the magnetocaloric effect in thin samples. <i>Review of Scientific Instruments</i> , 2014, 85, 074902.	1.3	16
58	Functionalization of carbon fiber tows with ZnO nanorods for stress sensor integration in smart composite materials. <i>Nanotechnology</i> , 2018, 29, 335501.	2.6	16
59	Polymorphism and Multiferroicity in $\text{Bi}_{1-x/3}(\text{MnIII})_3(\text{MnIII}_4-x\text{MnIV}_x)\text{O}_{12}$. <i>Chemistry of Materials</i> , 2011, 23, 3628-3635.	6.7	15
60	Size-dependent magnetic properties in Fe/Al multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 215-216, 563-565.	2.3	14
61	Nucleation of weak stripe domains: Determination of exchange and anisotropy thermal variation. <i>Physical Review B</i> , 2007, 76, .	3.2	14
62	Structural, Magnetic, and Optical Characterization of MnFe_2O_4 Nanoparticles Synthesized Via Sol-Gel Method. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 4568-4571.	2.1	14
63	Energy Transfer Mechanisms in the NaCl:Pb^{++} , Mn^{++} System along Aggregation Processes. <i>Physica Status Solidi (B): Basic Research</i> , 1985, 129, 789-798.	1.5	13
64	Direct deposition of magnetite thin films on organic semiconductors. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	13
65	Rapid microwave synthesis of magnetocaloric NiMnSn Heusler compounds. <i>Scripta Materialia</i> , 2020, 176, 63-66.	5.2	13
66	Magnetocrystalline anisotropy in $\text{Nd}_2\text{TbFe}_{14}\text{B}$. <i>Journal of the Less Common Metals</i> , 1987, 132, L5-L8.	0.8	12
67	Reversal modes of the multilayer exchange-spring magnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1464-1466.	2.3	12
68	Spin polarized $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin films on silicon. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 312, 453-457.	2.3	12
69	Improper Ferroelectric Contributions in the Double Perovskite $\text{Pb}_{2-x}\text{Mn}_{0.6-x}\text{Co}_{0.4}\text{WO}_6$ System with a Collinear Magnetic Structure. <i>Inorganic Chemistry</i> , 2016, 55, 4381-4390.	4.0	12
70	Radiative Energy Transfer Process in the KCl:Pb^{++} , Eu^{++} System. <i>Physica Status Solidi (B): Basic Research</i> , 1985, 128, 717-722.	1.5	11
71	Study of the iron contribution to the 3d-sublattice anisotropy in some uniaxial YCoFe structures derived from the CaCu_5 unit cell. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 132, 185-190.	2.3	11
72	Exchange coupling in nano-metric Fe/Co multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 59-60.	2.3	11

#	ARTICLE	IF	CITATIONS
73	Structural and magnetic characterization of the double perovskite $\text{Pb}_{2-x}\text{FeMoO}_6$. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1533-1542.	5.5	11
74	Interfacial Thermal Resistance in Magnetocaloric Epoxy-Bonded LaFeCoSi Composites. <i>Energy Technology</i> , 2018, 6, 1448-1452.	3.8	11
75	Giant magneto-electric coupling in 100 nm thick Co capped by ZnO nanorods. <i>Nanoscale</i> , 2018, 10, 1326-1336.	5.6	11
76	Scale-Up of Magnetocaloric NiCoMnIn Heuslers by Powder Metallurgy for Room Temperature Magnetic Refrigeration. <i>Frontiers in Energy Research</i> , 2020, 7, .	2.3	11
77	Magnetocaloric properties at the austenitic Curie transition in Cu and Fe substituted Ni-Mn-In Heusler compounds. <i>Journal of Alloys and Compounds</i> , 2022, 899, 163249.	5.5	11
78	Sensitive loop tracer for measuring the dynamical response of thin films in a wide audio-frequency range. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 973-975.	2.3	10
79	A cyano-bridged bimetallic ferrimagnet: Synthesis, X-ray structure and magnetic study. <i>Polyhedron</i> , 2010, 29, 2762-2768.	2.2	10
80	Magnetic analysis of MnAs films grown on GaAs and Si substrates for potential spintronics and magnetocaloric applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1565-1568.	2.3	10
81	Non-interacting hard ferromagnetic L10 FePt nanoparticles embedded in a carbon matrix. <i>Journal of Materials Chemistry</i> , 2011, 21, 18331.	6.7	10
82	Direct measurement of the magnetocaloric effect on micrometric Ni-Mn-(In,Sn) ribbons by the mirage effect under pulsed magnetic field. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	10
83	Magnetic and SEM-EDS analyses of <i>Tilia cordata</i> leaves and PM10 filters as a complementary source of information on polluted air: Results from the city of Parma (Northern Italy). <i>Environmental Pollution</i> , 2018, 239, 777-787.	7.5	10
84	Structure and magnetic properties of Fe-Co alloy nanoparticles synthesized by pulsed-laser inert gas condensation. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161863.	5.5	10
85	Spin reorientation in $(\text{Er}_{0.6}\text{Ho}_{0.4})_2\text{Fe}_{14}\text{B}$ pseudoternary compound. <i>Solid State Communications</i> , 1989, 72, 1167-1170.	1.9	9
86	High pulsed magnetic field measurements of the magnetic anisotropy in $(\text{Er}_x\text{Nd}_{1-x})_2\text{Fe}_{14}\text{B}$. <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 83, 133-135.	2.3	9
87	Adiabatic temperature change, magnetic entropy change and critical behavior near the ferromagnetic-paramagnetic phase transition in $\text{La}_{0.7}(\text{Ca,Sr})_{0.3}\text{MnO}_3$ perovskite. <i>Phase Transitions</i> , 2018, 91, 691-702.	1.3	9
88	Direct measurements of the magnetocaloric effect of $\text{Fe}_{49}\text{Rh}_{51}$ using the mirage effect. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	9
89	Multifunctional Ni-Mn-Ga and Ni-Mn-Cu-Ga Heusler particles towards the nanoscale by ball-milling technique. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159747.	5.5	9
90	Effective decoupling of ferromagnetic sublattices by frustration in Heusler alloys. <i>Physical Review B</i> , 2022, 105, .	3.2	9

#	ARTICLE	IF	CITATIONS
91	Magnetic viscosity effects in epitaxial L10 FePt thin films and exchange spring Fe/FePt bilayers. Journal of Magnetism and Magnetic Materials, 2007, 316, e162-e165.	2.3	8
92	Superspace application on magnetic structure analysis of the Pb_2MnWO_6 double perovskite system. Journal of Materials Chemistry C, 2014, 2, 9215-9223.	5.5	8
93	Inclusion of surface anisotropy in the micromagnetic analysis of exchange-coupled hard/soft bilayers. Journal Physics D: Applied Physics, 2014, 47, 115002.	2.8	8
94	Turning carbon fiber into a stress-sensitive composite material. Journal of Materials Chemistry A, 2016, 4, 10486-10492.	10.3	8
95	On the Broadening of the Martensitic Transition in Heusler Alloys: From Microscopic Features to Magnetocaloric Properties. Jom, 2017, 69, 1422-1426.	1.9	8
96	Preliminary Investigation on a Rotary Magnetocaloric Refrigerator Prototype. Energy Procedia, 2017, 142, 1288-1293.	1.8	8
97	Mössbauer and magnetic characterization of some REFe ₁₀ V ₂ and REFe ₁₁ Ti tetragonal compounds. Hyperfine Interactions, 1989, 45, 241-248.	0.5	7
98	High pulsed magnetic field measurements of the magnetic anisotropy in (Er _x Dy _{1-x}) ₂ Fe ₁₄ B compounds. Physica B: Condensed Matter, 1989, 155, 263-265.	2.7	7
99	European intercomparison of measurements on permanent magnets. IEEE Transactions on Magnetics, 1993, 29, 2887-2889.	2.1	7
100	Vibrating wire magnetic susceptometer. Review of Scientific Instruments, 1996, 67, 3543-3552.	1.3	7
101	Squid measurement of the Verwey transition on epitaxial (100) magnetite thin films. Journal of Magnetism and Magnetic Materials, 2007, 316, e721-e723.	2.3	7
102	First Experimental Evidences of the Ferroelectric Nature of Struvite. Crystal Growth and Design, 2020, 20, 4454-4460.	3.0	7
103	On the 427 nm emission band in the KCl:Eu ²⁺ system. Physica Status Solidi (B): Basic Research, 1986, 135, K143.	1.5	6
104	Preferential site occupation in Y and La substituted Pr ₂ Fe ₁₄ B intermetallic compounds. Physica B: Condensed Matter, 1989, 156-157, 747-750.	2.7	6
105	Competing anisotropies and magnetization processes in the pseudoternary (Ho _x Er _{1-x})Fe ₁₀ V ₂ tetragonal system. Journal of Applied Physics, 1992, 71, 366-369.	2.5	6
106	Magnetic properties of thermally treated Fe/Al multilayers. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 33-34.	2.3	6
107	Magnetic and Mössbauer characterization of the multiferroic fluoride $K_3Fe_5F_{15}$	3.2	6
108	Lattice strain accommodation and absence of pre-transition phases in Ni ₅₀ Mn ₂₅ xIn _{25-x} . Journal of Physics Condensed Matter, 2020, 32, 505801.	1.8	6

#	ARTICLE	IF	CITATIONS
109	Magnetic and Morphological Properties of Ferrofluid-Impregnated Hydroxyapatite/Collagen Scaffolds. <i>Science of Advanced Materials</i> , 2014, 6, 2679-2687.	0.7	6
110	Singularities in the AC energy losses in hard magnetic materials. <i>IEEE Transactions on Magnetics</i> , 2000, 36, 3605-3607.	2.1	5
111	Stripe domains nucleation observed by X-ray magnetic scattering: temperature variation of exchange and anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E895-E897.	2.3	5
112	Ultrathin manganite films grown by pulsed-plasma deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e780-e782.	2.3	5
113	Magnetic behaviour of hybrid magnetite/organic semiconductor bilayers. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 134013.	2.8	5
114	Growth induced anisotropy of cobalt in cobalt/organic semiconductor films. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1251-1254.	2.3	5
115	Growth rate dependence of the extrinsic magnetic properties of electrodeposited CoPt films. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1576-1580.	2.3	5
116	Field effects on spontaneous magnetization reversal of bulk $\text{BiFe}_{0.5}\text{Mn}_{0.5}\text{O}_3$, an effective strategy for the study of magnetic disordered systems. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 286002.	1.8	5
117	Decay Scheme of 439 and 478 nm Emission Bands in the KCl:Eu ²⁺ System. <i>Physica Status Solidi A</i> , 1986, 93, 263-269.	1.7	4
118	Magnetic properties of some rhombohedral RE-Co compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 101, 333-334.	2.3	4
119	Magnetic anisotropy in $(\text{Er}_x\text{Ho}_{1-x})\text{Fe}_{14}\text{B}$ pseudoternary intermetallic compounds. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 5637-5648.	1.8	4
120	Magnetization process in thin Ni sheets: Effect of cold-rolling and recrystallization annealing. <i>Journal of Applied Physics</i> , 2001, 89, 3880-3887.	2.5	4
121	Angular dependence of demagnetization processes in Fe/FePt perpendicular exchange-spring bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e313-e316.	2.3	4
122	Investigation of the magnetic, electronic and magnetocaloric properties of $\text{La}_{0.7}(\text{Ca,Sr})_{0.3}\text{Mn}_{1-x}\text{Gd}_x\text{O}_3$ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 776-786.	2.3	4
123	Slow Magnetic Relaxation of a 12-Metallacrown-4 Complex with a Manganese(III)–Copper(II) Heterometallic Ring Motif. <i>Inorganic Chemistry</i> , 2020, 59, 11894-11900.	4.0	4
124	A study of the spin reorientation transitions in $(\text{Er}_x\text{Ho}_{1-x})\text{Fe}_{10}\text{V}_2$ intermetallics. <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 101, 111-113.	2.3	3
125	Permanent Magnets. , 1994, , 309-375.		3
126	Role of anisotropy on high field transitions in ferrimagnetic free particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 1519-1520.	2.3	3

#	ARTICLE	IF	CITATIONS
127	A wide temperature range susceptometer. IEEE Transactions on Magnetics, 1996, 32, 4893-4898.	2.1	3
128	Phase and frequency control in the vibrating wire magnetic susceptometer. Sensors and Actuators A: Physical, 2000, 81, 343-345.	4.1	3
129	Switching process in hard CoPt films. Journal of Magnetism and Magnetic Materials, 2007, 316, e112-e115.	2.3	3
130	A new semimagnetic compound: Cd _{1-x} FexIn ₂ S ₄ single crystal grown by CVT. Crystal Research and Technology, 2011, 46, 761-764.	1.3	3
131	A comprehensive study of the magnetic properties of the pyroxenes series CaMgSi ₂ O ₆ Co ₂ Si ₂ O ₆ as a function of Co content. Journal of Physics Condensed Matter, 2018, 30, 285801.	1.8	3
132	Ubiquitous first-order transitions and site-selective vanishing of the magnetic moment in giant magnetocaloric MnFeSiP alloys detected by ^{55}Mn NMR. Physical Review B, 2019, 100, .	2.3	3
133	High-temperature magnetic coercivity of CNTs filled with multi-phase Fe-based nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 496, 165917.	2.3	3
134	Effect of size and disorder on martensitic phase transition and thermal hysteresis in milled Ni-Mn-In-Co microparticles. Journal of Alloys and Compounds, 2022, 906, 164377.	5.5	3
135	Competing interactions in hexagonal Pr _x Nd _{1-x} Co ₅ pseudobinary intermetallic compounds. Journal of Magnetism and Magnetic Materials, 1990, 83, 136-138.	2.3	2
136	Analysis of the magnetic transitions of RE-TM ferrimagnetic compounds in high magnetic fields. IEEE Transactions on Magnetics, 1994, 30, 1003-1005.	2.1	2
137	Magnetic measurements and transmission electron microscopy investigations on FeCo ultrafine powders derived from a bimetallic carbonyl cluster. Journal of Materials Chemistry, 1994, 4, 361-364.	6.7	2
138	Alternating field gradient susceptometer. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 559-560.	2.3	2
139	Anisotropy effects of La-Co substitutions in M-type Sr hexaferrites. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3306-3309.	0.8	2
140	Flux reversal in hard-soft composite magnets. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 650-651.	2.3	2
141	Temperature dependence of in-plane magnetic anisotropy of Co/Fe multilayers. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1240-1241.	2.3	2
142	Magnetization reversal in Ni ₈₀ Fe ₂₀ /Co ₈₀ Pt ₂₀ bilayers. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 223-226.	2.3	2
143	Magnetization processes in exchange-coupled nano-crystalline Fe/Co planar systems. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 175-178.	2.3	2
144	Extended d -orbital molecules and magnetic phase separation in Bi _{0.68} Ca _{0.32} MnO ₃ . Physical Review B, 2021, 103, .	3.2	2

#	ARTICLE	IF	CITATIONS
145	Macroscopic Studies of Magnetic Anisotropy in Rare-Earth Intermetallic Compounds. , 1989, , 188-202.		2
146	Mechanosynthesis of multiferroic hybrid organic-inorganic [NH ₄][M(HCOO) ₃] M ²⁺ =Co ²⁺ ,Mn ²⁺ ,Zn ²⁺ ,Ni ²⁺ , Cu ²⁺ formate-based frameworks. Journal of Alloys and Compounds, 2022, 899, 163288.	5.5	2
147	Magnetic phase transitions in interstitial compounds Er ₂ Fe ₁₇ C. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 85-86.	2.3	1
148	Discontinuous free rotations in uniaxial ferrimagnets. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 848-850.	2.3	1
149	The activated torsion oscillation magnetometer (ATOM): a new high sensitivity magnetometer for thin films. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 984-986.	2.3	1
150	Effect of annealing on the magnetisation processes in cold-rolled thin Ni sheets. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 149-151.	2.3	1
151	The activated torsion oscillation magnetometer. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 484-489.	2.3	1
152	Influence of domain walls on the singular point detection of energy losses in hard magnetic materials. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 533-535.	2.3	1
153	Triangular Exchange Interaction Patterns in K ₃ Fe ₆ F ₁₉ : An Iron Potassium Fluoride with a Complex Tungsten Bronze Related Structure. Inorganic Chemistry, 2013, 52, 12599-12604.	4.0	1
154	Thermal stability in exchange-spring chains of spins. Journal Physics D: Applied Physics, 2016, 49, 045003.	2.8	1
155	Magnetic ordering of Mn ₂ GeS ₄ single crystals with olivine structure. Journal of Magnetism and Magnetic Materials, 2020, 498, 166164.	2.3	1
156	Magnetic particle monitoring on leaves in winter: a pilot study on a highly polluted location in the Po plain (Northern Italy). Environmental Science and Pollution Research, 2022, 29, 63171-63181.	5.3	1
157	European Intercomparison Of Measurements On Permanent Magnets. , 1993, , .		0
158	Study Of The Iron Contribution To The 3d-sublattice Anisotropy In Some Pseudoternary YCoFe Compounds Having Uniaxial Crystal Structure Derived from the CaCu/sub 5/ unit cell. , 1993, , .		0
159	Canting Effects in Nucleation and Reversal Processes of RE-TM Compounds. , 1997, , 679-683.		0
160	Singular point detection of energy losses in hard magnetic materials. , 0, , .		0
161	Mechanical assembly of a vibrating wire susceptometer specially designed for high temperature. Measurement Science and Technology, 2003, 14, N21-N25.	2.6	0
162	Phase transitions and magnetic entropy change in Mn-rich Ni-Mn-Ga alloys. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
163	Modeling of irreversible switching and viscosity phenomena in perpendicular thin films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1377-1380.	2.3	0
164	MOKE setup exploiting a nematic liquid crystal modulator. Review of Scientific Instruments, 2018, 89, 105107.	1.3	0
165	Waste of batteries management: Synthesis of magnetocaloric manganite compound from the REEs mixture generated during hydrometallurgical processing of NiMH batteries. Sustainable Materials and Technologies, 2021, 28, e00267.	3.3	0
166	HP/HT synthesis and characterization of novel multiferroic Bi-based perovskites. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1815-C1815.	0.1	0