Massimo Solzi

List of Publications by Year in descending order

166 papers	2,973 citations	249298 26 h-index	252626 46 g-index
174 all docs	174 docs citations	174 times ranked	2909 citing authors

#	Article	IF	Citations
1	Structure and magnetic properties of Fe-Co alloy nanoparticles synthesized by pulsed-laser inert gas condensation. Journal of Alloys and Compounds, 2022, 890, 161863.	2.8	10
2	Magnetocaloric properties at the austenitic Curie transition in Cu and Fe substituted Ni-Mn-In Heusler compounds. Journal of Alloys and Compounds, 2022, 899, 163249.	2.8	11
3	Mechanosynthesis of multiferroic hybrid organic-inorganic [NH4][M(HCOO)3] MÂ=ÂCo2+,Mn2+,Zn2+,Ni2+, Cu2+ formate-based frameworks. Journal of Alloys and Compounds, 2022, 899, 163288.	2.8	2
4	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.	2.8	3
5	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.	2.7	1
6	Effective decoupling of ferromagnetic sublattices by frustration in Heusler alloys. Physical Review B, 2022, 105, .	1.1	9
7	Extended â€œorbital moleculesâ€•and magnetic phase separation in Bi0.68Ca0.32MnO3. Physical Review B, 2021, 103, .	1.1	2
8	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.	1.7	0
9	Multifunctional Ni-Mn-Ga and Ni-Mn-Cu-Ga Heusler particles towards the nanoscale by ball-milling technique. Journal of Alloys and Compounds, 2021, 872, 159747.	2.8	9
10	High-temperature magnetic coercivity of CNTs filled with multi-phase Fe-based nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 496, 165917.	1.0	3
11	Rapid microwave synthesis of magnetocaloric Niâ€“Mnâ€“Sn Heusler compounds. Scripta Materialia, 2020, 176, 63-66.	2.6	13
12	Magnetic ordering of Mn2GeS4 single crystals with olivine structure. Journal of Magnetism and Magnetic Materials, 2020, 498, 166164.	1.0	1
13	Slow Magnetic Relaxation of a 12-Metallacrown-4 Complex with a Manganese(III)â€“Copper(II) Heterometallic Ring Motif. Inorganic Chemistry, 2020, 59, 11894-11900.	1.9	4
14	Understanding magnetic relaxation in single-ion magnets with high blocking temperature. Physical Review B, 2020, 101, .	1.1	94
15	On the direct measurement of the adiabatic temperature change of magnetocaloric materials. Journal of Applied Physics, 2020, 127, .	1.1	18
16	Direct measurements of the magnetocaloric effect of Fe49Rh51 using the mirage effect. Journal of Applied Physics, 2020, 127, .	1.1	9
17	Scale-Up of Magnetocaloric NiCoMnIn Heuslers by Powder Metallurgy for Room Temperature Magnetic Refrigeration. Frontiers in Energy Research, 2020, 7, .	1.2	11
18	First Experimental Evidences of the Ferroelectric Nature of Struvite. Crystal Growth and Design, 2020, 20, 4454-4460.	1.4	7

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19	Lattice strain accommodation and absence of pre-transition phases in Ni₅₀Mn_{25+x}In_{25â^'x}. Journal of Physics Condensed Matter, 2020, 32, 505801.	0.7	6
20	Ubiquitous first-order transitions and site-selective vanishing of the magnetic moment in giant magnetocaloric MnFeSiP alloys detected by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Mn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>55</mml:mn></mml:mmultiscripts></mml:math> NMR. Physical Review B, 2019, 100, .	1.1	3
21	Tuning the magnetic and magnetocaloric properties of austenitic Ni-Mn-(In,Sn) Heuslers. Scripta Materialia, 2019, 170, 48-51.	2.6	19
22	Interfacial Thermal Resistance in Magnetocaloric Epoxyâ€Bonded Laâ€Feâ€Coâ€Si Composites. Energy Technology, 2018, 6, 1448-1452.	1.8	11
23	Giant magnetoâ€“electric coupling in 100 nm thick Co capped by ZnO nanorods. Nanoscale, 2018, 10, 1326-1336.	2.8	11
24	Cold working consequence on the magnetocaloric effect of Ni50Mn34In16 Heusler alloy. Journal of Alloys and Compounds, 2018, 749, 211-216.	2.8	18
25	Direct measurement of the magnetocaloric effect on micrometric Ni-Mn-(In,Sn) ribbons by the mirage effect under pulsed magnetic field. Applied Physics Letters, 2018, 113, .	1.5	10
26	A comprehensive study of the magnetic properties of the pyroxenes series CaMgSi₂O₆â€“Co₂Si₂O₆ as a function of Co content. Journal of Physics Condensed Matter, 2018, 30, 285801.	0.7	3
27	MOKE setup exploiting a nematic liquid crystal modulator. Review of Scientific Instruments, 2018, 89, 105107.	0.6	0
28	Functionalization of carbon fiber tows with ZnO nanorods for stress sensor integration in smart composite materials. Nanotechnology, 2018, 29, 335501.	1.3	16
29	Adiabatic temperature change, magnetic entropy change and critical behavior near the ferromagneticâ€“paramagnetic phase transition in La0.7(Ca,Sr)0.3MnO3 perovskite. Phase Transitions, 2018, 91, 691-702.	0.6	9
30	Magnetic and SEM-EDS analyses of Tilia cordata leaves and PM10 filters as a complementary source of information on polluted air: Results from the city of Parma (Northern Italy). Environmental Pollution, 2018, 239, 777-787.	3.7	10
31	On the Broadening of the Martensitic Transition in Heusler Alloys: From Microscopic Features to Magnetocaloric Properties. Jom, 2017, 69, 1422-1426.	0.9	8
32	Investigation of the magnetic, electronic and magnetocaloric properties of La 0.7 (Ca,Sr) 0.3 Mn 1-x Gd x O 3 manganites. Journal of Magnetism and Magnetic Materials, 2017, 441, 776-786.	1.0	4
33	Dynamics of nonergodic ferromagnetic/antiferromagnetic ordering and magnetocalorics in antiperovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Mn</mml:mi></mml:mrow><mml:mn>3</mml:mn> Physical Review B, 2017, 96, .	1.1	20
34	Preliminary Investigation on a Rotary Magnetocaloric Refrigerator Prototype. Energy Procedia, 2017, 142, 1288-1293.	1.8	8
35	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.	1.6	22
36	Large Magnetization and Reversible Magnetocaloric Effect at the Secondâ€Order Magnetic Transition in Heusler Materials. Advanced Materials, 2016, 28, 3321-3325.	11.1	83

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37	Millisecond direct measurement of the magnetocaloric effect of a Fe2P-based compound by the mirage effect. Applied Physics Letters, 2016, 108, .	1.5	23
38	A theoretical model for the time varying current in organic electrochemical transistors in a dynamic regime. Organic Electronics, 2016, 35, 59-64.	1.4	23
39	Improper Ferroelectric Contributions in the Double Perovskite Pb₂Mn_{0.6}Co_{0.4}WO₆ System with a Collinear Magnetic Structure. Inorganic Chemistry, 2016, 55, 4381-4390.	1.9	12
40	Poling-Written Ferroelectricity in Bulk Multiferroic Double-Perovskite BiFe_{0.5}Mn_{0.5}O₃. Inorganic Chemistry, 2016, 55, 6308-6314.	1.9	18
41	Turning carbon fiber into a stress-sensitive composite material. Journal of Materials Chemistry A, 2016, 4, 10486-10492.	5.2	8
42	Structural and magnetic characterization of the double perovskite Pb₂FeMoO₆. Journal of Materials Chemistry C, 2016, 4, 1533-1542.	2.7	11
43	Thermal stability in exchange-spring chains of spins. Journal Physics D: Applied Physics, 2016, 49, 045003.	1.3	1
44	Influence of thermal conductivity on the dynamic response of magnetocaloric materials. International Journal of Refrigeration, 2015, 59, 29-36.	1.8	22
45	Field effects on spontaneous magnetization reversal of bulk BiFe_{0.5}Mn_{0.5}O₃, an effective strategy for the study of magnetic disordered systems. Journal of Physics Condensed Matter, 2015, 27, 286002.	0.7	5
46	Co and In Doped Ni-Mn-Ga Magnetic Shape Memory Alloys: A Thorough Structural, Magnetic and Magnetocaloric Study. Entropy, 2014, 16, 2204-2222.	1.1	46
47	Superspace application on magnetic structure analysis of the Pb₂MnWO₆double perovskite system. Journal of Materials Chemistry C, 2014, 2, 9215-9223.	2.7	8
48	Structural and Electric Evidence of Ferrielectric State in Pb₂MnWO₆ Double Perovskite System. Inorganic Chemistry, 2014, 53, 10283-10290.	1.9	16
49	Non-contact direct measurement of the magnetocaloric effect in thin samples. Review of Scientific Instruments, 2014, 85, 074902.	0.6	16
50	Inclusion of surface anisotropy in the micromagnetic analysis of exchange-coupled hard/soft bilayers. Journal Physics D: Applied Physics, 2014, 47, 115002.	1.3	8
51	Magnetic and Morphological Properties of Ferrofluid-Impregnated Hydroxyapatite/Collagen Scaffolds. Science of Advanced Materials, 2014, 6, 2679-2687.	0.1	6
52	HP/HT synthesis and characterization of novel multiferroic Bi-based perovskites. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1815-C1815.	0.0	0
53	Direct magnetocaloric characterization and simulation of thermomagnetic cycles. Review of Scientific Instruments, 2013, 84, 073907.	0.6	38
54	Structural, Magnetic, and Optical Characterization of ${m MnFe}_{2}{m O}_{4}$ Nanoparticles Synthesized Via Sol-Gel Method. IEEE Transactions on Magnetics, 2013, 49, 4568-4571.	1.2	14

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55	Field activated magnetization reversal in bulk BiFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	24
56	Triangular Exchange Interaction Patterns in K3Fe6F19: An Iron Potassium Fluoride with a Complex Tungsten Bronze Related Structure. Inorganic Chemistry, 2013, 52, 12599-12604.	1.9	1
57	Conditions for the growth of smooth La0.7Sr0.3MnO3 thin films by pulsed electron ablation. Thin Solid Films, 2013, 534, 83-89.	0.8	28
58	Hanle effect missing in a prototypical organic spintronic device. Applied Physics Letters, 2013, 102, .	1.5	51
59	Convergence of direct and indirect methods in the magnetocaloric study of first order transformations: The case of Ni-Co-Mn-Ga Heusler alloys. Physical Review B, 2012, 86, .	1.1	63
60	Reverse magnetostructural transformation and adiabatic temperature change in Co- and In-substituted Ni-Mn-Ga alloys. Physical Review B, 2012, 85, .	1.1	49
61	Non-interacting hard ferromagnetic L10 FePt nanoparticles embedded in a carbon matrix. Journal of Materials Chemistry, 2011, 21, 18331.	6.7	10
62	Continuum micromagnetic modeling of antiferromagnetically exchange-coupled multilayers. Physical Review B, 2011, 83, .	1.1	16
63	Polymorphism and Multiferroicity in Bi1â€“x/3(MnIII3)(MnIII4â€“xMnIVx)O12. Chemistry of Materials, 2011, 23, 3628-3635.	3.2	15
64	A new semimagnetic compound: Cd1-xFexIn2S4 single crystal grown by CVT. Crystal Research and Technology, 2011, 46, 761-764.	0.6	3
65	From direct to inverse giant magnetocaloric effect in Co-doped NiMnGa multifunctional alloys. Acta Materialia, 2011, 59, 412-419.	3.8	117
66	Magnetic and Mssbauer characterization of the multiferroic fluoride K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	6
67	A cyano-bridged bimetallic ferrimagnet: Synthesis, X-ray structure and magnetic study. Polyhedron, 2010, 29, 2762-2768.	1.0	10
68	Modeling of irreversible switching and viscosity phenomena in perpendicular thin films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1377-1380.	1.0	0
69	Growth induced anisotropy of cobalt in cobalt/organic semiconductor films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1251-1254.	1.0	5
70	Growth rate dependence of the extrinsic magnetic properties of electrodeposited CoPt films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1576-1580.	1.0	5
71	Magnetic analysis of MnAs films grown on GaAs and Si substrates for potential spintronics and magnetocaloric applications. Journal of Magnetism and Magnetic Materials, 2010, 322, 1565-1568.	1.0	10
72	Interface effects on an ultrathin Co film in multilayers based on the organic semiconductor Alq3. Applied Physics Letters, 2010, 97, 162509.	1.5	22

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73	Characterization and modeling of the demagnetization processes in exchange-coupledSmCo5/Fe/SmCo5trilayers. Physical Review B, 2010, 81, .	1.1	27
74	Reverse magnetostructural transformation in Co-doped NiMnGa multifunctional alloys. Applied Physics Letters, 2009, 95, .	1.5	56
75	Ladder-like azido-bridged copper(II) complexes: Synthesis, X-ray structure and magnetic study. Inorganica Chimica Acta, 2009, 362, 5211-5218.	1.2	27
76	Tridentate (NNO) Schiff-base copper(II) complex: synthesis, crystal structure, and magnetic study. Journal of Coordination Chemistry, 2009, 62, 3573-3582.	0.8	44
77	Magnetic behaviour of hybrid magnetite/organic semiconductor bilayers. Journal Physics D: Applied Physics, 2008, 41, 134013.	1.3	5
78	Direct deposition of magnetite thin films on organic semiconductors. Applied Physics Letters, 2008, 93, .	1.5	13
79	Modeling and characterization of irreversible switching and viscosity phenomena in perpendicular exchange-spring Fe-FePt bilayers. Physical Review B, 2008, 78, .	1.1	19
80	Nucleation of weak stripe domains: Determination of exchange and anisotropy thermal variation. Physical Review B, 2007, 76, .	1.1	14
81	Ultrathin manganite films grown by pulsed-plasma deposition. Journal of Magnetism and Magnetic Materials, 2007, 310, e780-e782.	1.0	5
82	Spin polarized La0.7Sr0.3MnO3 thin films on silicon. Journal of Magnetism and Magnetic Materials, 2007, 312, 453-457.	1.0	12
83	Hardâ€“soft composite magnets. Journal of Magnetism and Magnetic Materials, 2007, 316, 159-165.	1.0	68
84	Switching process in hard Coâ€“Pt films. Journal of Magnetism and Magnetic Materials, 2007, 316, e112-e115.	1.0	3
85	Magnetic viscosity effects in epitaxial L10 FePt thin films and exchange spring Feâ€“FePt bilayers. Journal of Magnetism and Magnetic Materials, 2007, 316, e162-e165.	1.0	8
86	Angular dependence of demagnetization processes in Feâ€“FePt perpendicular exchange-spring bilayers. Journal of Magnetism and Magnetic Materials, 2007, 316, e313-e316.	1.0	4
87	Squid measurement of the Verwey transition on epitaxial (100) magnetite thin films. Journal of Magnetism and Magnetic Materials, 2007, 316, e721-e723.	1.0	7
88	Magnetic properties of Cobalt thin films deposited on soft organic layers. Journal of Magnetism and Magnetic Materials, 2007, 316, e987-e989.	1.0	26
89	Magnetization processes in hard Co-rich Coâ€“Pt films with perpendicular anisotropy. Journal of Applied Physics, 2006, 100, 103911.	1.1	31
90	Magnetic phase diagram and demagnetization processes in perpendicular exchange-spring multilayers. Physical Review B, 2006, 73, .	1.1	141

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91	Phase transitions and magnetic entropy change in Mn-rich Ni2MnGa alloys. Journal of Applied Physics, 2006, 100, 023908.	1.1	41
92	Magnetization reversal in Ni80Fe20/Co80Pt20 bilayers. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 223-226.	1.0	2
93	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.	1.0	1
94	Magnetization processes in exchange-coupled nano-crystalline Fe/Co planar systems. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 175-178.	1.0	2
95	Phase transitions and magnetic entropy change in Mn-rich Ni-Mn-Ga alloys. , 2005, , .		0
96	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
97	Spin polarised electrodes for organic light emitting diodes. Organic Electronics, 2004, 5, 309-314.	1.4	54
98	Flux reversal in hard-soft composite magnets. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 650-651.	1.0	2
99	Stripe domains nucleation observed by X-ray magnetic scattering: temperature variation of exchange and anisotropy. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E895-E897.	1.0	5
100	Magnetic anisotropy of LaCo-substituted SrFe12O19 ferrites. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1845-E1846.	1.0	16
101	Temperature dependence of in-plane magnetic anisotropy of Co/Fe multilayers. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1240-1241.	1.0	2
102	Composition dependence of magnetic and magnetothermal properties of Niâ€“Mnâ€“Ga shape memory alloys. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2111-2112.	1.0	76
103	Micromagnetic analysis of exchange-coupled hard-soft planar nanocomposites. Physical Review B, 2004, 69, .	1.1	116
104	Giant entropy change at the co-occurrence of structural and magnetic transitions in the Ni $ mathsf {_{2.19}}$ Mn $ mathsf {_{0.81}}$ Ga Heusler alloy. European Physical Journal B, 2003, 32, 303-307.	0.6	158
105	Effect of annealing on the magnetisation processes in cold-rolled thin Ni sheets. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 149-151.	1.0	1
106	The activated torsion oscillation magnetometer. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 484-489.	1.0	1
107	Mechanical assembly of a vibrating wire susceptometer specially designed for high temperature. Measurement Science and Technology, 2003, 14, N21-N25.	1.4	0
108	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.	1.0	1

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109	Sensitive loop tracer for measuring the dynamical response of thin films in a wide audio-frequency range. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 973-975.	1.0	10
110	Magnetization process in thin Ni sheets: Effect of cold-rolling and recrystallization annealing. Journal of Applied Physics, 2001, 89, 3880-3887.	1.1	4
111	Reversal modes of the multilayer exchange-spring magnet. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1464-1466.	1.0	12
112	Microstructural and magnetic properties of exchange-coupled Co/Fe multilayers. Journal of Applied Physics, 2000, 87, 6689-6691.	1.1	23
113	Phase and frequency control in the vibrating wire magnetic susceptometer. Sensors and Actuators A: Physical, 2000, 81, 343-345.	2.0	3
114	Size-dependent magnetic properties in Fe/Al multilayers. Journal of Magnetism and Magnetic Materials, 2000, 215-216, 563-565.	1.0	14
115	Field-induced segregation of ferromagnetic nanodomains inPr0.5Sr0.5MnO3detected by55MnNMR. Physical Review B, 2000, 61, 5924-5927.	1.1	24
116	Singularities in the AC energy losses in hard magnetic materials. IEEE Transactions on Magnetics, 2000, 36, 3605-3607.	1.2	5
117	Magnetic properties of thermally treated Fe/Al multilayers. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 33-34.	1.0	6
118	Exchange coupling in nano-metric Fe/Co multilayers. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 59-60.	1.0	11
119	Discontinuous free rotations in uniaxial ferrimagnets. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 848-850.	1.0	1
120	Canting Effects in Nucleation and Reversal Processes of RE-TM Compounds. , 1997, , 679-683.		0
121	A wide temperature range susceptometer. IEEE Transactions on Magnetics, 1996, 32, 4893-4898.	1.2	3
122	Alternating field gradient susceptometer. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 559-560.	1.0	2
123	Magnetic phase transitions in interstitial compounds Er2Fe17C. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 85-86.	1.0	1
124	Vibrating wire magnetic susceptometer. Review of Scientific Instruments, 1996, 67, 3543-3552.	0.6	7
125	Role of anisotropy on high field transitions in ferrimagnetic free particles. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1519-1520.	1.0	3
126	Permanent Magnets. , 1994, , 309-375.		3

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127	Analysis of the magnetic transitions of RE-TM ferrimagnetic compounds in high magnetic fields. IEEE Transactions on Magnetics, 1994, 30, 1003-1005.	1.2	2
128	Study of the iron contribution to the 3d-sublattice anisotropy in some uniaxial YCoFe structures derived from the CaCu5 unit cell. Journal of Magnetism and Magnetic Materials, 1994, 132, 185-190.	1.0	11
129	Magnetic measurements and transmission electron microscopy investigatIons on Feâ€“Co ultrafine powders derived from a bimetallic carbonyl cluster. Journal of Materials Chemistry, 1994, 4, 361-364.	6.7	2
130	Magnetocrystalline anisotropy of the 3dsublattice in the cubic intermetallic system Zr6Co23âˆ’xMx(M=Fe,Ni). Journal of Applied Physics, 1993, 73, 2941-2947.	1.1	16
131	European intercomparison of measurements on permanent magnets. IEEE Transactions on Magnetics, 1993, 29, 2887-2889.	1.2	7
132	Magnetic anisotropy in (ErxHo1-x)xFe14B pseudoternary intermetallic compounds. Journal of Physics Condensed Matter, 1993, 5, 5637-5648.	0.7	4
133	European Intercomparison Of Measurements On Permanent Magnets. , 1993, , .		0
134	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
135	Phenomenological analysis of the magnetocrystalline anisotropy of the Co sublattice in some rhombohedral and hexagonal intermetallic structures derived from the CaCu5unit cell. Journal of Applied Physics, 1992, 72, 3009-3012.	1.1	18
136	Competing anisotropies and magnetization processes in the pseudoternary (HoxEr1âˆ’x)Fe10V2tetragonal system. Journal of Applied Physics, 1992, 71, 366-369.	1.1	6
137	A study of the spin reorientation transitions in (ErxHo1âˆ’x) Fe10V2 intermetallics. Journal of Magnetism and Magnetic Materials, 1991, 101, 111-113.	1.0	3
138	Magnetic properties of some rhombohedral RE-Co compounds. Journal of Magnetism and Magnetic Materials, 1991, 101, 333-334.	1.0	4
139	Effect of vanadium on the RE and Fe sublattice anisotropies in some REFe12âˆ’xVx(RE=Y,Er,Tb) tetragonal compounds. Journal of Applied Physics, 1991, 70, 3753-3759.	1.1	22
140	Magnetic anisotropy and first-order magnetization processes in Sm(Fe1âˆ’xCOx)10M2 (M = Ti, Si) compounds. Journal of Magnetism and Magnetic Materials, 1990, 88, 44-50.	1.0	29
141	High pulsed magnetic field measurements of the magnetic anisotropy in (ErxNd1âˆ’x)2Fe14B. Journal of Magnetism and Magnetic Materials, 1990, 83, 133-135.	1.0	9
142	Competing interactions in hexagonal PrxNd1âˆ’xCo5 pseudobinary intermetallic compounds. Journal of Magnetism and Magnetic Materials, 1990, 83, 136-138.	1.0	2
143	Magnetocrystalline anisotropy and first-order magnetisation processes in (Pr1-xNdx)2Fe14B compounds. Journal of Physics Condensed Matter, 1990, 2, 7317-7328.	0.7	19
144	Magnetic phase diagram and anisotropy of pseudoternary (ErxDy1âˆ’x)2Fe14B compounds. Physical Review B, 1989, 39, 7081-7088.	1.1	26

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145	MÃ¶ssbauer and magnetic characterization of some REFe10V2 and REFe11Ti tetragonal compounds. Hyperfine Interactions, 1989, 45, 241-248.	0.2	7
146	High pulsed magnetic field measurements of the magnetic anisotropy in (ErxDy1â^'x)2Fe14B compounds. Physica B: Condensed Matter, 1989, 155, 263-265.	1.3	7
147	Preferential site occupation in Y and La substituted Pr2Fe14B intermetallic compounds. Physica B: Condensed Matter, 1989, 156-157, 747-750.	1.3	6
148	Spin reorientation in (Er0.6Ho0.4)2Fe14B pseudoternary compound. Solid State Communications, 1989, 72, 1167-1170.	0.9	9
149	Macroscopic Studies of Magnetic Anisotropy in Rare-Earth Intermetallic Compounds. , 1989, , 188-202.		2
150	Spin re-orientation transition and high field magnetostriction in ErFe10V2. Solid State Communications, 1988, 68, 711-714.	0.9	25
151	Neutron diffraction and magnetic anisotropy study of Y-Fe-Ti intermetallic compounds. Solid State Communications, 1988, 66, 465-469.	0.9	119
152	Magnetic structure and preferential site occupation in manganese- and chromium-substituted Y2Fe14B compounds. Journal of the Less Common Metals, 1988, 136, 375-383.	0.9	22
153	Magnetic anisotropy and crystal structure of intermetallic compounds of the ThMn12structure. Journal of Applied Physics, 1988, 64, 5084-5087.	1.1	64
154	Magnetocrystalline anisotropy in Y1â^'xPrxCo5. Journal of Applied Physics, 1988, 63, 172-175.	1.1	22
155	Energy-transfer mechanisms in the KCl:Eu2+,Mn2+system. Physical Review B, 1987, 36, 5124-5130.	1.1	18
156	Magnetocrystalline anisotropy in Nd2â^'xTbxFe14B. Journal of the Less Common Metals, 1987, 132, L5-L8.	0.9	12
157	3dand 4fmagnetism in Nd2Fe14â^'xCoxB and Y2Fe14â^'xCoxB compounds. Journal of Applied Physics, 1987, 61, 5369-5373.	1.1	31
158	3d magnetism in Y2Fe14-xMexB with Me=Co, Ni, Mn, Cr. Solid State Communications, 1987, 61, 761-766.	0.9	35
159	Magnetocrystalline anisotropy of Ni and Mn substituted Nd2Fe14B compounds. Journal of Magnetism and Magnetic Materials, 1987, 67, 373-377.	1.0	22
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