Tianyu

List of Publications by Year in descending order

148 papers	2,933 citations	147801 31 h-index	243625 44 g-index
149 all docs	149 docs citations	149 times ranked	1398 citing authors

#	Article	IF	Citations
1	Shortened processing duration of high-performance Sm-Co-Fe-Cu-Zr magnets by stress-aging. Journal of Materials Science and Technology, 2022, 106, 70-76.	10.7	11
2	Enhancing reversible entropy change of all-d-metal Ni37.5Co12.5Mn35Ti15 alloy by multiple external fields. Scripta Materialia, 2022, 207, 114303.	5.2	9
3	Microscopic origin of the enhanced piezoelectric thermal stability in acceptor doped lead-free Ba(Ti0.8Zr0.2)O3-50(Ba0.7Ca0.3)TiO3 ceramic. Ceramics International, 2022, 48, 5274-5279.	4.8	2
4	On the ÎµÂâ†'ÂÏ„ phase transformation and twinning in L10â^'MnAl alloys. Acta Materialia, 2022, 232, 117892.	7.9	8
5	Grain boundary segregation behavior in Fe-rich Sm-Co-Fe-Cu-Zr magnets. Materialia, 2022, 22, 101382.	2.7	1
6	Understanding of the giant magnetic entropy change around the co-occurrence point of martensitic and magnetic transitions in Ni-Mn-In Heusler alloy. Acta Materialia, 2022, 229, 117839.	7.9	4
7	Effects of pre-aging on defects evolution and magnetic properties of Sm-Co-Fe-Cu-Zr magnets. Journal of Rare Earths, 2022, 40, 1878-1884.	4.8	4
8	A lightweight strain glass alloy showing nearly temperature-independent low modulus and high strength. Nature Materials, 2022, 21, 1003-1007.	27.5	18
9	Sensitive electric field control of first-order phase transition in epitaxial multiferroic heterostructures. Acta Materialia, 2022, 237, 118145.	7.9	1
10	Enhanced magnetic properties in chemically inhomogeneous Nd-Dy-Fe-B sintered magnets by multi-main-phase process. Journal of Rare Earths, 2021, 39, 558-564.	4.8	11
11	Promoting the La solution in 2:14:1-type compound: Resultant chemical deviation and microstructural nanoheterogeneity. Journal of Materials Science and Technology, 2021, 62, 195-202.	10.7	10
12	Fe content influence on the microstructure of solution-treated Sm-Co-Fe-Cu-Zr alloys. Intermetallics, 2021, 129, 107049.	3.9	12
13	Atomic scale understanding of the defects process in concurrent recrystallization and precipitation of Sm-Co-Fe-Cu-Zr alloys. Acta Materialia, 2021, 202, 290-301.	7.9	45
14	Grain boundary effect on the microstructure of solution-treated Fe-rich Sm-Co-Fe-Cu-Zr alloys. Journal of Alloys and Compounds, 2021, 853, 156974.	5.5	16
15	Electric field control of magnetism through modulating phase separation in (011)-Nd0.5Sr0.5MnO3/PMN-PT heterostructures. Nanoscale, 2021, 13, 8030-8037.	5.6	2
16	Large and sensitive magnetostriction in ferromagnetic composites with nanodispersive precipitates. NPG Asia Materials, 2021, 13, .	7.9	34
17	Phosphorescent Bismoviologens for Electrophosphorochromism and Visible Light-Induced Cross-Dehydrogenative Coupling. Journal of the American Chemical Society, 2021, 143, 1590-1597.	13.7	33
18	Dynamic precipitation and the resultant magnetostriction enhancement in [001]-oriented Fe-Ga alloys. Acta Materialia, 2021, 206, 116631.	7.9	29

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19	Revisiting the pinning sites in 2:17-type Sm-Co-Fe-Cu-Zr permanent magnets. Journal of Rare Earths, 2021, 39, 1560-1566.	4.8	8
20	Nanoscale Phase Separation and Large Refrigerant Capacity in Magnetocaloric Material LaFe_{11.5}Si_{1.5}. Chemistry of Materials, 2021, 33, 2837-2846.	6.7	6
21	Long term aging-induced microstructure and magnetic performance changes in Sm-Co-Fe-Cu-Zr magnets. Scientia Sinica: Physica, Mechanica Et Astronomica, 2021, 51, 067518.	0.4	1
22	Achieving excellent superelasticity and extraordinary elastocaloric effect in a directionally solidified Co-V-Ga alloy. Scripta Materialia, 2021, 204, 114123.	5.2	17
23	Exceptional combination of large magnetostriction, low hysteresis and wide working temperature range in (1-x)TbFe2-xDyCo2 alloys. Acta Materialia, 2021, 220, 117308.	7.9	9
24	Strengthened caloric effect in MnCoSi under combined applications of magnetic field and hydrostatic pressure. Journal of Materials Science, 2021, 56, 20060-20070.	3.7	5
25	Role of nanoscale interfacial defects on magnetic properties of the 2:17-type Smâ€“Co permanent magnets. Journal of Alloys and Compounds, 2020, 816, 152620.	5.5	33
26	Nd-Fe-B sintered magnets with low rare earth content fabricated via Dy71.5Fe28.5 grain boundary restructuring. Journal of Magnetism and Magnetic Materials, 2020, 498, 166162.	2.3	8
27	Balancing the microstructure and chemical heterogeneity of multi-main-phase Nd-Ce-La-Fe-B sintered magnets by tailoring the liquid-phase-sintering. Materials and Design, 2020, 186, 108308.	7.0	25
28	Magnetic properties, thermal stability, and microstructure of spark plasma sintered multi-main-phase Nd-Ce-Fe-B magnet with PrCu addition. Journal of Alloys and Compounds, 2020, 822, 153612.	5.5	16
29	Cell-boundary-structure controlled magnetic-domain-wall-pinning in 2:17-type Sm-Co-Fe-Cu-Zr permanent magnets. Materials Characterization, 2020, 169, 110575.	4.4	10
30	Improved magnetostriction in Galfenol alloys by aligning crystal growth direction along easy magnetization axis. Scientific Reports, 2020, 10, 20055.	3.3	8
31	Formation mechanism of tetragonal nanoprecipitates in Feâ€“Ga alloys that dominate the material's large magnetostriction. Scripta Materialia, 2020, 185, 129-133.	5.2	37
32	Internal structure evolution of L12 variants in aged Fe-Ga alloys. Journal of Alloys and Compounds, 2020, 836, 155282.	5.5	12
33	Role of primary Zr-rich particles on microstructure and magnetic properties of 2:17-type Sm-Co-Fe-Cu-Zr permanent magnets. Journal of Materials Science and Technology, 2020, 53, 73-81.	10.7	25
34	Defects-aggregated cell boundaries induced domain wall curvature change in Fe-rich Smâ€“Coâ€“Feâ€“Cuâ€“Zr permanent magnets. Journal of Materials Science, 2020, 55, 13258-13269.	3.7	23
35	Strain control of phase transition and magnetocaloric effect in Nd0.5Sr0.5MnO3 thin films. Applied Physics Letters, 2020, 116, .	3.3	3
36	Magnetostriction enhancement in ferromagnetic strain glass by approaching the crossover of martensite. Applied Physics Letters, 2020, 116, .	3.3	4

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37	Identifications of SmCo5 and Sm+1Co5â^'1-type phases in 2:17-type Sm-Co-Fe-Cu-Zr permanent magnets. Scripta Materialia, 2020, 182, 1-5.	5.2	34
38	Correlation between microstructural heterogeneity and energy product in hot deformed Nd-Fe-B magnets. Journal of Magnetism and Magnetic Materials, 2020, 508, 166847.	2.3	9
39	Microstructural origin of the magnetostriction deterioration in slowly cooled Fe81Ga19. Journal of Alloys and Compounds, 2019, 786, 300-305.	5.5	8
40	Computational analysis of microstructure-coercivity relation in multi-main-phase Ndâ€“Ceâ€“Feâ€“B magnets. Journal Physics D: Applied Physics, 2019, 52, 135002.	2.8	11
41	Squareness factors of demagnetization curves for multi-main-phase Nd-Ce-Fe-B magnets with different Ce contents. Journal of Magnetism and Magnetic Materials, 2019, 487, 165355.	2.3	11
42	Microstructure evolution of Dy69Ni31-added Nd-Fe-B sintered magnets during annealing. Journal of Magnetism and Magnetic Materials, 2019, 486, 165260.	2.3	11
43	Enhanced thermal stability of piezoelectricity in lead-free (Ba,Ca)(Ti,Zr)O3 systems through tailoring phase transition behavior. Ceramics International, 2019, 45, 10304-10309.	4.8	9
44	Sign-changed-magnetostriction effect of morphotropic phase boundary in pseudobinary <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>DyC</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mtext>â^'</mml:mtext><mml:mi>DyF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Laves compounds. Physical Review Materials, 2019, 3, .	2.4	8
45	Novel hydrogen decrepitation behaviors of (La, Ce)-Fe-B strips. AIP Advances, 2018, 8, 056233.	1.3	3
46	Enhanced magnetostriction of Fe81Ga19 by approaching an instable phase boundary. Scripta Materialia, 2018, 146, 200-203.	5.2	17
47	Post-sinter annealing influences on coercivity of multi-main-phase Nd-Ce-Fe-B magnets. Acta Materialia, 2018, 146, 97-105.	7.9	58
48	Magnetic performance change of multi-main-phase Ndâ€“Ceâ€“Feâ€“B magnets by diffusing (Nd,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	16
49	Grain boundary restructuring of multi-main-phase Nd-Ce-Fe-B sintered magnets with Nd hydrides. Acta Materialia, 2018, 142, 18-28.	7.9	93
50	Evidence for lattice softening of the Fe-Ga magnetostrictive alloy: Stress-induced local martensites. Materials and Design, 2018, 140, 1-6.	7.0	14
51	Crucial role of the REFe2 intergranular phase on corrosion resistance of Nd-La-Ce-Fe-B sintered magnets. Journal of Alloys and Compounds, 2018, 735, 2225-2235.	5.5	21
52	Temperature invariable magnetization in Co-Al-Fe alloys by a martensitic transformation. Applied Physics Letters, 2018, 113, 172402.	3.3	3
53	Martensitic transformation in ordering-treated Fe74Ga26 alloy. Journal of Alloys and Compounds, 2018, 767, 270-275.	5.5	7
54	Ferromagnetic composite with stress-insensitive magnetic permeability: Compensation of stress-induced anisotropies. Physical Review Materials, 2018, 2, .	2.4	9

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55	Tailoring the Impact Toughness of Sintered NdFeB Magnets via Surface Coating. Journal of Magnetics, 2018, 23, 79-85.	0.4	1
56	Highly thermal-stable ferromagnetism by a natural composite. Nature Communications, 2017, 8, 13937.	12.8	54
57	Effects of REFe2 on microstructure and magnetic properties of Nd-Ce-Fe-B sintered magnets. Acta Materialia, 2017, 128, 22-30.	7.9	144
58	Tailoring volume magnetostriction of giant magnetostrictive materials by engineering magnetic domain morphology. Applied Physics Letters, 2017, 110, 062403.	3.3	4
59	Enhanced coercivity of Nd-Ce-Fe-B sintered magnets by adding (Nd, Pr)-H powders. Journal of Alloys and Compounds, 2017, 721, 1-7.	5.5	45
60	Improved thermal stability of Nd-Ce-Fe-B sintered magnets by Y substitution. Scripta Materialia, 2017, 131, 11-14.	5.2	77
61	Correlation between magnetostriction and magnetic structure in pseudobinary compounds Tb(Co1-xFex)2. AIP Advances, 2017, 7, .	1.3	7
62	Magnetic properties and microstructure of sintered Nd Fe B magnets with intergranular addition of Ni powders. Journal of Alloys and Compounds, 2017, 726, 846-851.	5.5	18
63	Tailoring magnetostriction sign of ferromagnetic composite by increasing magnetic field strength. Applied Physics Letters, 2016, 109, .	3.3	38
64	Chemically Inhomogeneous RE-Fe-B Permanent Magnets with High Figure of Merit: Solution to Global Rare Earth Criticality. Scientific Reports, 2016, 6, 32200.	3.3	106
65	Manipulating Ce Valence in RE2Fe14B Tetragonal Compounds by La-Ce Co-doping: Resultant Crystallographic and Magnetic Anomaly. Scientific Reports, 2016, 6, 30194.	3.3	65
66	Mechanical Properties of Laâ€“Ce-Substituted Ndâ€“Feâ€“B Magnets. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	33
67	Effect of Dy₂O₃ intergranular addition on microstructure and magnetic properties of (Nd, Dy)â€“Feâ€“B sintered magnets. Materials Express, 2016, 6, 93-99.	0.5	8
68	Coercivity enhancement of Ndâ€“Feâ€“B sintered magnets with intergranular adding (Pr, Dy, Cu)â^'Hx powders. Journal of Magnetism and Magnetic Materials, 2016, 399, 159-163.	2.3	37
69	Coercivity enhancement of Dy-free Ndâ€“Feâ€“B sintered magnets by intergranular adding Ho63.4Fe36.6 alloy. Journal of Magnetism and Magnetic Materials, 2016, 397, 139-144.	2.3	25
70	Coercivity enhancement of low rare earth Ndâ€“Feâ€“B sintered magnets by optimizing microstructure. Journal of Magnetism and Magnetic Materials, 2015, 382, 26-30.	2.3	10
71	Role of hydrogen in Ndâ€“Feâ€“B sintered magnets with DyH addition. Journal of Alloys and Compounds, 2015, 628, 282-286.	5.5	29
72	Coercivity enhancements of Ndâ€“Feâ€“B sintered magnets by diffusing DyH_xalong different axes. Journal Physics D: Applied Physics, 2015, 48, 215001.	2.8	33

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73	Effects of Dy71.5Fe28.5 intergranular addition on the microstructure and the corrosion resistance of Ndâ€“Feâ€“B sintered magnets. Journal of Magnetism and Magnetic Materials, 2015, 384, 133-137.	2.3	31
74	Spatially-confined lithiationâ€“delithiation in highly dense nanocomposite anodes towards advanced lithium-ion batteries. Energy and Environmental Science, 2015, 8, 1471-1479.	30.8	69
75	Structural origin for the local strong anisotropy in melt-spun Fe-Ga-Tb: Tetragonal nanoparticles. Applied Physics Letters, 2015, 106, .	3.3	28
76	Suppression of martensitic transformation in Fe50Mn23Ga27 by local symmetry breaking. Applied Physics Letters, 2015, 106, .	3.3	9
77	Improved corrosion resistance of low rare-earth Ndâ€“Feâ€“B sintered magnets by Nd6Co13Cu grain boundary restructuring. Journal of Magnetism and Magnetic Materials, 2015, 379, 186-191.	2.3	17
78	Magnetic and anticorrosion properties of two-powder (Pr, Nd)12.6Fe81.3B6.1-type sintered magnets with additions of (Pr, Nd)32.5Fe62.0Cu5.5. Materials Chemistry and Physics, 2015, 151, 126-132.	4.0	8
79	Local rhombohedral symmetry in Tb0.3Dy0.7Fe2 near the morphotropic phase boundary. Applied Physics Letters, 2014, 105, .	3.3	32
80	Effect of the induced anisotropy axis on altering domain alignment and magnetostriction of Terfenol-D. Applied Physics Letters, 2014, 104, 052409.	3.3	6
81	Influence of Ta intergranular addition on microstructure and corrosion resistance of Ndâ€“Dyâ€“Feâ€“B sintered magnets. Journal of Alloys and Compounds, 2014, 593, 137-140.	5.5	11
82	Coercivity enhancement of NdFeB sintered magnets by low melting point Dy32.5Fe62Cu5.5 alloy modification. Journal of Magnetism and Magnetic Materials, 2014, 355, 131-135.	2.3	69
83	Rapid coercivity increment of Ndâ€“Feâ€“B sintered magnets by Dy69Ni31 grain boundary restructuring. Journal of Magnetism and Magnetic Materials, 2014, 370, 76-80.	2.3	55
84	Improvement of corrosion resistance of Cu and Nb co-added Ndâ€“Feâ€“B sintered magnets. Materials Chemistry and Physics, 2014, 147, 982-986.	4.0	18
85	Room temperature ferromagnetism of amorphous MgO films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2014, 115, 997-1001.	2.3	18
86	High temperature oxidation resistance of hot-pressed h-BN/ZrO2 composites. Ceramics International, 2014, 40, 11171-11176.	4.8	24
87	Rapidly solidified Nd7Fe67B22Mo3Zr1 nanocomposite permanent magnets. Journal of Magnetism and Magnetic Materials, 2014, 355, 164-168.	2.3	14
88	Effects of alignment on the magnetic and mechanical properties of sintered Ndâ€“Feâ€“B magnets. Journal of Alloys and Compounds, 2013, 563, 161-164.	5.5	27
89	Enhanced magnetostriction of a narrow hysteresis Tb0.26Dy0.54Ho0.20Fe2 alloy. Acta Metallurgica Sinica (English Letters), 2013, 26, 461-466.	2.9	0
90	High coercivity (Nd8Y3)â€“(Fe62Nb3Cr1)â€“B23 magnets produced by injection casting. Journal of Materials Science, 2013, 48, 1779-1786.	3.7	11

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91	Domain Rotation Simulation of the Magnetostriction Jump Effect of (110) Oriented TbDyFe Crystals. Chinese Physics Letters, 2012, 29, 027501.	3.3	6
92	Fe₆₄B_{22.8}Nd_{6.6}Y_{3.9}Nb_{2.7} bulk nanocomposite magnets with improved size and magnetic properties. Journal of Materials Research, 2012, 27, 725-729.	2.6	2
93	Induced additional anisotropy influences on magnetostriction of giant magnetostrictive materials. Journal of Applied Physics, 2012, 112, .	2.5	9
94	Structure and magnetic properties of Î³â€²-Fe4N films grown on MgO-buffered Si (001). Physica B: Condensed Matter, 2012, 407, 4783-4786.	2.7	6
95	Anomalous Magnetization Behavior of Fe-N Films Deposited by Reactive Pulsed Laser Deposition. IEEE Transactions on Magnetics, 2012, 48, 2899-2902.	2.1	1
96	Nd5Fe64B23Mo4Y4 bulk nanocomposite permanent magnets produced by crystallizing amorphous precursors. Journal of Non-Crystalline Solids, 2012, 358, 1028-1031.	3.1	5
97	Improvement of corrosion resistance in Ndâ€“Feâ€“B magnets through grain boundaries restructuring. Materials Letters, 2012, 75, 1-3.	2.6	42
98	Synthesis, structural and magnetic properties of the nanocomposite Fe63B23Nd7Y3Nb3Cr1 magnets. Journal of Magnetism and Magnetic Materials, 2012, 324, 1534-1538.	2.3	9
99	Fe65B22Nd9Mo4 bulk nanocomposite permanent magnets produced by crystallizing amorphous precursors. Journal of Magnetism and Magnetic Materials, 2012, 324, 1613-1616.	2.3	10
100	Synthesis, thermal stability and properties of [(Fe1â^'xCox)72Mo4B24]94Dy6 bulk metallic glasses. Journal of Alloys and Compounds, 2011, 509, 3843-3846.	5.5	15
101	Low temperature pulsed laser deposition of textured Î³â€²-Fe4N films on Si (100). Journal of Alloys and Compounds, 2011, 509, 5075-5078.	5.5	9
102	The magnetic, structure and mechanical properties of rapidly solidified (Nd7Y2.5)â€“(Fe64.5Nb3)â€“B23 nanocomposite permanent magnet. Journal of Alloys and Compounds, 2011, 509, 8952-8957.	5.5	7
103	Changes of microstructure and magnetic properties of Ndâ€“Feâ€“B sintered magnets by doping Alâ€“Cu. Journal of Magnetism and Magnetic Materials, 2011, 323, 2549-2553.	2.3	34
104	Corrosion behavior of Al100â^'xCux (15â‰¤xâ‰¤45) doped Ndâ€“Feâ€“B magnets. Materials Chemistry and Physics, 2011, 126, 195-199.	4.0	13
105	Domain rotation simulation of anisotropic magnetostrictions in giant magnetostrictive materials. Journal of Applied Physics, 2011, 110, 063901.	2.5	4
106	Magnetostriction of a ã€ˆ110ã€‰ oriented Tb0.3Dy0.7Fe1.95 polycrystals annealed under a noncoaxial magnetic field. Journal of Materials Research, 2011, 26, 31-35.	2.6	3
107	Magnetostriction â€œdropâ€•in ã€ˆ110ã€‰ oriented polycrystals Tb0.36Dy0.64(Fe0.85Co0.15)2 after transverse field annealing. Journal of Applied Physics, 2011, 109, 07A937.	2.5	3
108	Glass forming ability, magnetic and mechanical properties of (Fe72Mo4B24)100â^'xDyx (x=4â€“7) bulk metallic glasses. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 528, 161-164.	5.6	23

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109	Corrosion resistance of Ndâ€“Feâ€“B sintered magnets with intergranular addition of Cu60Zn40 powders. Physica B: Condensed Matter, 2010, 405, 3303-3307.	2.7	12
110	Electromagnetic wave absorption properties of flaky Feâ€“Tiâ€“Siâ€“Al nanocrystalline composites. Journal of Magnetism and Magnetic Materials, 2010, 322, 940-944.	2.3	46
111	Effect of magnetic annealing on magnetostrictive performance of a ã€ˆ110ã€‰ oriented crystal Tb0.3Dy0.7Fe1.95. Journal of Magnetism and Magnetic Materials, 2010, 322, 1889-1893.	2.3	17
112	Anomalous phase transformation in magnetostrictive Fe81Ga19 alloy. Journal of Magnetism and Magnetic Materials, 2010, 322, 2882-2887.	2.3	11
113	Effect of post-sintering annealing on microstructure and coercivity of Al85Cu15-added Ndâ€“Feâ€“B sintered magnets. Journal of Magnetism and Magnetic Materials, 2010, 322, 3710-3713.	2.3	33
114	Magnetic force microscopy study of heat-treated Fe81Ga19 with different cooling rates. Physica B: Condensed Matter, 2010, 405, 3129-3134.	2.7	29
115	Stressâ€“strain behaviors of ã€ˆ110ã€‰-oriented Tb_{0.3}Dy_{0.7}Fe_{1.95} after magnetic annealing. Journal of Materials Research, 2010, 25, 1371-1374.	2.6	0
116	Anisotropic magnetostriction in a âŸ¨110âŸ© oriented crystal Tb0.36Dy0.64(Fe0.85Co0.15)2 after coaxial field annealing. Journal of Applied Physics, 2010, 108, 043908.	2.5	6
117	Magnetic force microscopy study of magnetically annealed Tb0.36Dy0.64(Fe0.85Co0.15)2 polycrystals. Journal of Applied Physics, 2010, 107, 09A934.	2.5	14
118	Fabrication of low-cost Ndâ€“Feâ€“B sintered magnets reusing ultrafine powders. Materials Science and Technology, 2010, 26, 193-196.	1.6	1
119	Improvement of corrosion resistance and magnetic properties of Ndâ€“Feâ€“B sintered magnets by Al85Cu15 intergranular addition. Journal of Alloys and Compounds, 2010, 502, 346-350.	5.5	43
120	Stress influences on magnetization and magnetostriction in magnetically annealed Tb0.36Dy0.64(Fe0.85Co0.15)2 polycrystals. Journal of Applied Physics, 2009, 105, .	2.5	13
121	Enhanced Young's moduli and damping capacity in magnetically annealed Tb_{0.36}Dy_{0.64}(Fe_{0.85}Co_{0.15})₂polycrystals. Journal Physics D: Applied Physics, 2009, 42, 125004.	2.8	3
122	Electroless Ni-Co-P Coatings on Sintered Nd-Fe-B Magnets with Improved Corrosion Resistance. Advanced Materials Research, 2009, 75, 53-56.	0.3	2
123	Improved magnetostriction in cold-rolled and annealed Mn50Fe50 alloy. Scripta Materialia, 2009, 61, 427-430.	5.2	8
124	Preparation of coatings with high adhesion strength and high corrosion resistance on sintered Ndâ€“Feâ€“B magnets through electroless plating. Materials Chemistry and Physics, 2009, 113, 764-767.	4.0	19
125	Effect of heat treatment on structure, magnetization and magnetostriction of Fe81Ga19 melt-spun ribbons. Physica B: Condensed Matter, 2009, 404, 4155-4158.	2.7	16
126	Effect of SiO2 nanopowders on magnetic properties and corrosion resistance of sintered Ndâ€“Feâ€“B magnets. Journal of Magnetism and Magnetic Materials, 2009, 321, 392-395.	2.3	18

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127	Two-dimensional Monte Carlo simulations of structures of a suspension comprised of magnetic and nonmagnetic particles in uniform magnetic fields. Journal of Magnetism and Magnetic Materials, 2009, 321, 1221-1226.	2.3	23
128	Two-dimensional Monte Carlo simulations of a suspension comprised of magnetic and nonmagnetic particles in gradient magnetic fields. Journal of Magnetism and Magnetic Materials, 2009, 321, 3250-3255.	2.3	8
129	Antiferromagnetic Mn50Fe50 wire with large magnetostriction. Journal of Magnetism and Magnetic Materials, 2009, 321, 3778-3781.	2.3	7
130	Microstructures of Niâ€“ZrO2 functionally graded materials fabricated via slip casting under gradient magnetic fields. Journal of Alloys and Compounds, 2009, 479, 750-754.	5.5	14
131	Structure, magnetostrictive, and magnetic properties of heat-treated Mn42Fe58 alloys. Journal of Alloys and Compounds, 2009, 485, 510-513.	5.5	4
132	Design and fabrication of sintered Nd-Fe-B magnets with a low temperature coefficient of intrinsic coercivity. Science of Sintering, 2009, 41, 91-99.	1.4	16
133	Improved microhardness and wear resistance of the as-deposited electroless Niâ€“P coating. Surface and Coatings Technology, 2008, 202, 5909-5913.	4.8	97
134	Structure and magnetic properties of magnetostrictive compounds Tb0.36Dy0.64(Fe0.85Co0.15)2âˆ’xBx (0â©½xâ©½0.15). Journal of Magnetism and Magnetic Materials, 2008, 320, 2368-2372.	2.3	2
135	Effects of Yb3+ on the corrosion resistance and deposition rate of electroless Niâ€“P deposits. Applied Surface Science, 2008, 255, 2176-2179.	6.1	14
136	Co substitution effect on magnetic properties of magnetostrictive compounds Tb0.36Dy0.64(Fe1âˆ’xCox)2 (0â©½xâ©½0.30). Physica B: Condensed Matter, 2008, 403, 3677-3681.	2.7	5
137	Effects of Cu nanopowders addition on magnetic properties and corrosion resistance of sintered Ndâ€“Feâ€“B magnets. Physica B: Condensed Matter, 2008, 403, 4182-4185.	2.7	37
138	The evolution of microstructure and magnetic properties of Feâ€“Siâ€“Al powders prepared through melt-spinning. Scripta Materialia, 2008, 58, 243-246.	5.2	37
139	A kind of wide operating temperature range giant magnetostrictive alloys. Journal of Alloys and Compounds, 2008, 449, 156-160.	5.5	5
140	Microstructure and magnetic properties of nanocrystalline Co-doped Sendust alloys prepared by melt spinning. Journal of Alloys and Compounds, 2008, 459, 447-451.	5.5	19
141	Relation of Viscosity and Inner Structure of Suspension under Magnetic Field. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2008, 23, 836-840.	1.3	1
142	Differential magnetostrictive response in magnetically annealed Tb0.36Dy0.64(Fe0.85Co0.15)2 with âŸ¨110âŸ© crystal orientation. Applied Physics Letters, 2007, 90, 102502.	3.3	20
143	Effects of NH4F on the deposition rate and buffering capability of electroless Niâ€“P plating solution. Surface and Coatings Technology, 2007, 202, 217-221.	4.8	17
144	Magnetostriction of Tb0.36Dy0.64(Fe1âˆ’xCox)2 (x=0â€“0.20) ãˆ112ã€‰-oriented crystals. Journal of Alloys and Compounds, 2006, 414, 276-281.	5.5	9

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145	Magnetomechanical damping capacity of Tb0.36Dy0.64(Fe1â^'xTx)2 (T=Co,Mn) alloys. Journal of Applied Physics, 2006, 100, 023901.	2.5	7
146	The Co-doped Tb0.36Dy0.64Fe2 magnetostrictive alloys with a wide operating temperature range. Journal of Magnetism and Magnetic Materials, 2005, 292, 317-324.	2.3	34
147	Magnetostriction in âŸ¨110âŸ© and âŸ¨112âŸ© oriented crystals Tb0.36Dy0.64(Fe0.85Co0.15)2. Applied Physics Letters, 2005, 86, 162505.	3.3	30
148	Magnetostriction of ã€ˆ110ã€‰ oriented crystals in Tb0.36Dy0.64(Fe1â^'xCox)2 (x = 0â€“0.30) alloys. Journal of Alloys and Compounds, 2005, 388, 34-40.	5.5	12