

Magnetic properties and crystal structure of Nd₂Fe₁₄B

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Crystal fields in Nd ₂ Fe ₁₄ B. Physical Review B, 1984, 30, 7326-7327.	1.1	72
2	Magnetic properties of Y ₂ Fe ₁₄ B and Nd ₂ Fe ₁₄ B single crystals. Solid State Communications, 1984, 51, 857-860.	0.9	434
3	Developments in rare earth intermetallics. IEEE Transactions on Magnetics, 1984, 20, 1645-1650.	1.2	8
4	Structure and Magnetic Properties of Nd ₂ Fe ₁₄ BH _{2.7} . Physica Status Solidi A, 1984, 85, K61-K64.	1.7	87
5	Magnetocrystalline anisotropy of R ₂ Fe ₁₄ B tetragonal compounds. Applied Physics Letters, 1984, 45, 1141-1143.	1.5	45
6	On the structure of Nd ₂ Fe ₁₄ B. Journal of the Less Common Metals, 1984, 103, L5-L7.	0.9	33
7	LaMn ₁₁ C _{2-x} und PrMn ₁₁ C _{2-x} , Carbide mit gefüßelter BaCd ₁₁ -Struktur. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1985, 528, 61-68.	0.6	31
8	¹⁶¹ Dy Mössbauer Effect in Dy ₂ Fe ₁₄ B. Physica Status Solidi (B): Basic Research, 1985, 130, 575-580.	0.7	30
10	Material sciences: Searching for supermagnets. Nature, 1985, 317, 112-113.	13.7	3
11	Structural and magnetic properties in R ₂ Fe ₁₄ B compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 130, 323-326.	0.9	39
12	Spin reorientation and magnetization anomaly in Er ₂ Fe ₁₄ B and Tm ₂ Fe ₁₄ B. Solid State Communications, 1985, 54, 335-337.	0.9	99
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15	Spin reorientation in Tm ₂ Fe ₁₄ B. Solid State Communications, 1985, 56, 181-183.	0.9	34
16	Spin reorientation phenomena in RE ₂ Fe ₁₄ B (RE = 1/4 Ce, Dy, Er) alloys from ⁵⁷ Fe and ¹⁶¹ Dy Mössbauer spectroscopies. Solid State Communications, 1985, 55, 783-786.	0.9	31
17	Magnetic and crystallographic properties of ternary rare earth compounds of the type R ₂ Co ₁₄ B. Journal of Magnetism and Magnetic Materials, 1985, 51, 211-217.	1.0	129
18	Magnetization, ⁵⁷ Fe and ¹⁶¹ Dy Mössbauer study of Dy ₂ Fe ₁₄ BH _x with 0 ≤ x ≤ 4.7. Journal of Magnetism and Magnetic Materials, 1985, 53, 145-152.	1.0	47
19	Crystal-field effects in Nd ₂ Fe ₁₄ B compounds. Journal of Magnetism and Magnetic Materials, 1985, 52, 399-402.	1.0	13

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22	Analytical microscope studies of sintered Nd-Fe-B magnets. IEEE Transactions on Magnetism, 1985, 21, 1955-1957.	1.2	76
23	Processing of Neodymium-Iron-Boron melt-spun ribbons to fully dense magnets. IEEE Transactions on Magnetism, 1985, 21, 1958-1963.	1.2	275
24	MAGNETIC PROPERTIES OF RARE EARTH INTERMETALLICS. , 1985, , 879-886.		3
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26	Mössbauer spectroscopic studies of Nd ₂ Fe ₁₄ B. Physical Review B, 1985, 32, 1756-1761.	1.1	38
27	Study of magnetic properties and Mössbauer effect of Pr-Fe and melt-spun Pr-Fe-B alloys. Journal of Applied Physics, 1985, 57, 4127-4129.	1.1	11
28	Induced Fe and Co moments in rare earths and uranium compounds. Journal of Applied Physics, 1985, 57, 3232-3234.	1.1	22
29	Magnetic properties of R ₂ Fe ₁₄ B single crystals. Journal of Applied Physics, 1985, 57, 4091-4093.	1.1	139
30	Nuclear magnetic resonance studies of ¹⁴³ Nd and ¹⁴⁵ Nd in Nd-Fe-B type alloys. Journal of Applied Physics, 1985, 58, 2764-2766.	1.1	17
31	Iron-based rare-earth magnets (invited). Journal of Applied Physics, 1985, 57, 4081-4085.	1.1	70
32	Note on the crystal-field-induced magnetic anisotropy in R ₂ Fe ₁₄ B compounds and other rare-earth-based permanent magnet materials. Journal of Physics F: Metal Physics, 1985, 15, L93-L97.	1.6	30
33	Magnetic properties of compounds R ₂ Fe ₁₄ B. Journal of Applied Physics, 1985, 57, 4112-4114.	1.1	196
34	A NMR and Mössbauer study of Nd ₂ Fe ₁₄ B. Journal of Applied Physics, 1985, 57, 4124-4126.	1.1	43
35	Magnetic characteristics of R ₂ Fe ₁₄ B systems prepared with high purity rare earths (R=Ce, Pr, Dy, and) Tj ETQq1 1 0.784314 rrgBT /Over 151	1.1	151
36	Polarized neutron study of the compounds Y ₂ Fe ₁₄ B and Nd ₂ Fe ₁₄ B. Journal of Applied Physics, 1985, 57, 4100-4102.	1.1	166
37	Reversal of magnetization in Nd-Fe-B magnets. Materials Letters, 1985, 3, 200-205.	1.3	12

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39	Structure and physical features of the rare-earth borides. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1985, 52, 589-610.	0.6	116
40	Hot-pressed neodymium-iron-boron magnets. <i>Applied Physics Letters</i> , 1985, 46, 790-791.	1.5	448
41	Crystal and magnetic structure of Pr ₂ Fe ₁₄ B and Dy ₂ Fe ₁₄ B. <i>Journal of Applied Physics</i> , 1985, 57, 2343-2345.	1.1	81
42	Structural and magnetic properties of Nd ₂ Fe ₁₄ B (invited). <i>Journal of Applied Physics</i> , 1985, 57, 4086-4090.	1.1	140
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46	Rare Earth-Transition metal permanent magnet materials. <i>Progress in Solid State Chemistry</i> , 1985, 16, 127-162.	3.9	108
47	Interpretation of Mössbauer effect measurements near the spin-reorientation temperature and the electric field gradient tensor of Nd ₂ Fe ₁₄ B. <i>Journal of the Less Common Metals</i> , 1986, 125, 97-104.	0.9	9
48	Phase relationships, magnetic and crystallographic properties of Nd _{1-x} Fe _x B alloys. <i>Journal of the Less Common Metals</i> , 1986, 115, 357-366.	0.9	69
49	Intrinsic magnetic properties of compounds with the Nd ₂ Fe ₁₄ B structure. <i>Journal of the Less Common Metals</i> , 1986, 126, 21-34.	0.9	51
50	Magnetism of R ₂ Fe ₁₄ B-based systems. <i>Journal of the Less Common Metals</i> , 1986, 126, 41-52.	0.9	48
51	Magnetic properties of (Nd, Tb) _{16.7} Fe _{75.5} B _{7.8} compounds. <i>Journal of the Less Common Metals</i> , 1986, 124, 269-275.	0.9	3
52	Influence of hydrogen on the magnetic characteristics of R ₂ Fe ₁₄ B (R = ¼ Ce, Pr, Nd, Sm or Y) systems. <i>Journal of the Less Common Metals</i> , 1986, 120, 63-70.	0.9	54
53	Rare Earth-Iron-Boron Materials: A New Era in Permanent Magnets. <i>Annual Review of Materials Research</i> , 1986, 16, 467-485.	5.5	53
54	Magnetic anisotropies and spin reorientations of R ₂ Fe ₁₄ B-type compounds. <i>Journal of Applied Physics</i> , 1986, 60, 3671-3679.	1.1	41
55	New permanent magnet materials. <i>Materials Science and Engineering Reports</i> , 1986, 1, 1-63.	5.8	235

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57	¹⁶⁶ Er Mössbauer spectroscopy in the Er ₂ Fe ₁₄ B HfL alloys. Solid State Communications, 1986, 57, 309-313.	0.9	29
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59	Spin arrangements in R ₂ Co ₁₄ B compounds (R = rare earth). Solid State Communications, 1986, 60, 653-655.	0.9	34
60	A High Resolution Microscopic Study on Nd-Fe-B Permanent Magnetic Alloys. Physica Status Solidi A, 1986, 93, 573-583.	1.7	8
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66	Magnetic properties of Nd ₂ Fe ₁₄ â ^x RuxB alloys. Journal of Magnetism and Magnetic Materials, 1986, 61, 173-176.	1.0	15
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68	Magnetic properties of R ₂ Fe ₁₄ C (R=Dy or Er). Journal of Magnetism and Magnetic Materials, 1986, 59, L179-L181.	1.0	47
69	Magnetic properties of the R-Fe-B ternary compounds. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 445-449.	1.0	45
70	Electronic structure of Y ₂ Fe ₁₄ B. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 525-526.	1.0	8
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79	Mössbauer spectroscopy of R ₂ Fe ₁₄ B alloys. Hyperfine Interactions, 1986, 28, 503-506.	0.2	16
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84	Magnetic properties of Gd ₂ Fe _{14-x} Al _x B compounds. Journal of Physics F: Metal Physics, 1986, 16, L83-L87.	1.6	8
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86	Electronic structure and magnetic properties of Y ₂ Fe ₁₄ B. Journal of Physics F: Metal Physics, 1986, 16, 1051-1058.	1.6	40
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95	Spin reorientation in Nd ₂ (Fe _{0.9} M _{0.1}) ₁₄ B (M=Co, Ni, Ru). Journal of Applied Physics, 1987, 61, 1990-1994.	1.1	11
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99	Thermal expansion anomalies of R ₂ (Fe _{1-x} M _x) ₁₄ B. Journal of Applied Physics, 1987, 61, 3586-3588.	1.1	14
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101	Crystal-field interactions and spin reorientation in (Er _{1-x} Dy _x) ₂ Fe ₁₄ B. Physical Review B, 1987, 36, 1865-1871.	1.1	20
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111	Canted spin structures in R ₂ Fe ₁₄ B (R = Tm, Er). Journal of the Less Common Metals, 1987, 135, 269-275.	0.9	13
112	Effect of hydrogen absorption on the magnetic properties of Nd ₁₅ Fe ₇₇ B ₈ . Journal of the Less Common Metals, 1987, 131, 409-417.	0.9	30
113	Anisotropy energies for Y ₂ Fe ₁₄ B and Nd ₂ Fe ₁₄ B. Journal of Applied Physics, 1987, 61, 3430-3432.	1.1	22
114	Magnetic and crystallographic properties of Y ₂ (Fe _{1-x} T _x) ₁₄ B (T=Al, Ti, Cr, Mn, and Ni). Journal of Applied Physics, 1987, 61, 3457-3459.	1.1	14
115	⁵⁷ Fe Mössbauer study of Nd ₂ (Fe _{1-x} Co _x) ₁₄ B. Journal of Applied Physics, 1987, 61, 4337-4339.	1.1	28
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124	Texture in Nd-Fe-B magnets analysed on the basis of the determination of Nd ₂ Fe ₁₄ B single crystals easy growth axis. Solid State Communications, 1987, 63, 303-305.	0.9	80
125	Spin phase diagrams for R ₂ Fe _{14-x} Co _x B systems (R = Y, Gd, Pr, Nd, Tb, Er, Tm). Solid State Communications, 1987, 64, 1017-1019.	0.9	17
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129	Mössbauer study of the intermetallic compound Nd ₂ Fe ₁₄ B. II. Temperature dependence and spin reorientation. Journal of Magnetism and Magnetic Materials, 1987, 68, 15-27.	1.0	70
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136	Spin reorientations in R ₂ Fe _{14-x} CoxB systems (R = Pr, Nd and Er). Journal of Magnetism and Magnetic Materials, 1987, 65, 139-144.	1.0	42
137	Magnetic properties and spin reorientation of iron rare earth based intermetallics. Journal of Magnetism and Magnetic Materials, 1987, 70, 107-111.	1.0	2
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139	Structure and magnetic properties of R ₂ Fe _{14-x} Si _x B compounds (R = Pr, Nd.) Tj ETQq1 110z784314rgBT /Overlock 10 Tf 50 257 Td (Co ₂ Fe _{14-x} Si _x B) <inf>2</inf> (Fe ₂ Fe _{14-x} Si _x B) <inf>1-x</inf> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 257 Td (Co ₂ Fe _{14-x} Si _x B) <inf>2</inf> (Fe ₂ Fe _{14-x} Si _x B) <inf>1-x</inf>)		
140	Preferential site occupation of Fe and Co atoms in Nd ₂ Fe _{14-x} Si _x B (Fe ₂ Fe _{14-x} Si _x B) <inf>2</inf> (Fe ₂ Fe _{14-x} Si _x B) <inf>1-x</inf> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 257 Td (Co ₂ Fe _{14-x} Si _x B) <inf>2</inf> (Fe ₂ Fe _{14-x} Si _x B) <inf>1-x</inf>)		
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142	Magnetic and Mössbauer study on Nd ₂ Fe _{14-x} (Fe _{1-x} Co _x) ₁₄ B compound. IEEE Transactions on Magnetics, 1987, 23, 3113-3115.	1.2	8
143	Magnetic properties of Nd ₂ Fe _{14-x} (M _x) ₁₄ B measured on single crystals (M =Al, Cr, Mn and Co). IEEE Transactions on Magnetics, 1987, 23, 2120-2122.	1.2	47
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