Z Altounian

List of Publications by Year in descending order

162 papers	3,965 citations	126858 33 h-index	138417 58 g-index
163 all docs	163 docs citations	163 times ranked	1893 citing authors

#	Article	IF	Citations
1	Superconductivity and spin fluctuations inMâ^'Zrmetallic glasses (M=Cu,Ni,Co,andFe). Physical Review B, 1983, 27, 4149-4156.	1.1	276
2	Crystallization characteristics of Niâ€Zr metallic glasses from Ni20Zr80to Ni70Zr30. Journal of Applied Physics, 1983, 54, 3111-3116.	1.1	260
3	Magnetic properties of iron-rich Fe-Zr glasses. Physical Review B, 1987, 35, 8630-8638.	1.1	247
4	Crystallization characteristics of Cuâ€Zr metallic glasses from Cu70Zr30to Cu25Zr75. Journal of Applied Physics, 1982, 53, 4755-4760.	1.1	212
5	The influence of oxygen and other impurities on the crystallization of NiZr2and related metallic glasses. Journal of Applied Physics, 1987, 61, 149-155.	1.1	178
6	The partitioning of La and Y in Ndâ€"Feâ€"B magnets: A first-principles study. Journal of Alloys and Compounds, 2013, 549, 366-369.	2.8	100
7	Optical conductivity of the stable icosahedral quasicrystalAl63.5Cu24.5Fe12. Physical Review Letters, 1991, 67, 2694-2696.	2.9	99
8	Crystallization characteristics of Feâ€Zr metallic glasses from Fe43Zr57to Fe20Zr80. Journal of Applied Physics, 1985, 57, 1777-1782.	1.1	91
9	Crystallization characteristics of late transition metalâ€Zr glasses around the composition M90Zr10. Journal of Applied Physics, 1986, 59, 2364-2367.	1.1	82
10	Magnetocaloric effect in pseudobinary compounds. Journal of Magnetism and Magnetic Materials, 2005, 292, 83-88.	1.0	79
11	Structure and magnetic properties of R2Fe17Cx (xâ^¼2.5). Applied Physics Letters, 1992, 60, 129-131.	1.5	75
12	Effect of Co content on magnetic entropy change and structure of La(Fe1â^'xCox)11.4Si1.6. Journal of Magnetism and Magnetic Materials, 2003, 264, 209-213.	1.0	75
13	The formation of single-phase equiatomic MnBi by rapid solidification. Journal of Materials Research, 1990, 5, 2646-2651.	1.2	72
14	Magnetism and electron-mass enhancement in zirconium-rich Fe-Zr and Co-Zr metallic glasses. Physical Review B, 1985, 31, 577-580.	1.1	66
15	The order of magnetic phase transition in La(Fe1â^'xCox)11.4Si1.6 compounds. Journal of Magnetism and Magnetic Materials, 2004, 270, 305-311.	1.0	66
16	Temperature dependence of coercivity in MnBi. Journal of Applied Physics, 1993, 73, 6275-6277.	1.1	64
17	Structure and magnetic transition of LaFe13ÂxSixcompounds. Journal of Physics Condensed Matter, 2003, 15, 7385-7394.	0.7	55
18	The partitioning of Dy and Tb in NdFeB magnets: A first-principles study. Journal of Applied Physics, 2012, 111, .	1.1	54

#	Article	IF	Citations
19	Thermoelectric power of Ni-Zr metal glasses. Physical Review B, 1983, 27, 1955-1958.	1.1	50
20	Crystallization characteristics of Coâ€Zr metallic glasses from Co52Zr48to Co20Zr80. Journal of Applied Physics, 1985, 58, 1192-1195.	1.1	50
21	Hydrogen-induced change in magnetic structure of the metallic glass Fe89Zr11. Journal of Physics F: Metal Physics, 1983, 13, L217-L222.	1.6	46
22	Formation, structure, and crystallization of Alâ€rich metallic glasses. Journal of Applied Physics, 1994, 75, 4438-4441.	1.1	46
23	Intrinsic magnetic properties of single-phase Mn1+xGa (0â€‰<â€‰xâ€‰<â€‰1) alloys. Scientific Reports, 2015, 5, 17086.	1.6	46
24	Formation of MnBi ferromagnetic phases through crystallization of the amorphous phase. Journal of Applied Physics, 1991, 69, 6067-6069.	1.1	45
25	Structure and magnetic properties of bulk nanocrystalline SmCo6.6Nb0.4 permanent magnets. Applied Physics Letters, 2007, 90, 242506.	1.5	45
26	The structure and large magnetocaloric effect in rapidly quenched LaFe11.4Si1.6 compound. Journal of Physics Condensed Matter, 2004, 16, 8043-8051.	0.7	43
27	Superconductivity, magnetic susceptibility and thermal relaxation in amorphous Cuî—¸Zr. Solid State Communications, 1981, 40, 221-224.	0.9	42
28	Nanocomposite Nd-rich Ndâ€“Feâ€“B alloys: Approaching ideal Stonerâ€“Wohlfarth type behavior. Applied Physics Letters, 2000, 76, 1746-1748.	1.5	40
29	Crystallization of amorphous CuZr2. Physical Review B, 1981, 24, 505-509.	1.1	39
30	Phase formation and structure in rapidly quenched alloys. Journal of Alloys and Compounds, 2005, 397, 120-125.	2.8	39
31	Reversible structural relaxation in Feâ€Niâ€Bâ€Si metallic glasses. Journal of Applied Physics, 1987, 62, 3633-3638.	1.1	37
32	Formation, crystallization, and magnetic properties of Ndâ€Feâ€B glasses. Journal of Applied Physics, 1989, 66, 768-771.	1.1	37
33	Hydrogen in amorphous Niâ€“Zr: Pressure concentration isotherms, site occupation, and binding energies. Journal of Materials Research, 1986, 1, 765-773.	1.2	37
34	A comparison between the thermal properties of Niî—¸Zr amorphous alloys obtained by mechanical alloying and melt-spinning. Materials Science and Engineering, 1988, 97, 317-320.	0.1	34
35	Phase formation and magnetocaloric effect in rapidly quenched La(Fe1â^'xCox)11.4Si1.6. Journal of Applied Physics, 2005, 98, 113904.	1.1	33
36	Structure and magnetic properties of RFe11TiNx (R=Y, Sm, and Dy). Journal of Applied Physics, 1991, 70, 6006-6008.	1.1	32

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37	Structure and magnetic properties of rareâ€earth iron nitrides, carbides and carbonitrides (invited). Journal of Applied Physics, 1993, 73, 6017-6022.	1.1	30
38	Spin-fluctuation effects in the resistivity of Fe-Zr metallic glasses. Physical Review B, 1985, 31, 6116-6118.	1.1	28
39	Structural and magnetic properties of Nd2Fe17âˆ'Î´Crî´ (Î´=0, 0.5, 1, 1.9). Journal of Applied Physics, 1997, 81, 5118-5120.	1.1	28
40	Thermopower and resistivity in amorphousCu1âˆ'xZrxalloys. Physical Review B, 1983, 27, 619-623.	1.1	27
41	Crystallization and texturing in rapidly quenched Nd2Fe14B1and Nd15Fe77B8. Journal of Applied Physics, 1988, 63, 3330-3332.	1.1	27
42	Reversible structural relaxation in metallic glasses. Materials Science and Engineering, 1988, 97, 461-468.	0.1	26
43	A search for phase separation in amorphous NiZr2. Journal of Applied Physics, 1984, 55, 1566-1571.	1.1	25
44	The crystallization characteristics of Mg-Zn metallic glasses from Mg80Zn20 to Mg60Zn40. Journal of Materials Science, 1982, 17, 3268-3274.	1.7	24
45	Magnetocaloric effect in Mn5Ge3âˆ'xSix pseudobinary compounds. Journal of Applied Physics, 2006, 99, 08Q101.	1.1	24
46	Effects of spin fluctuations on the resistivity of metallic glasses. Physical Review B, 1994, 49, 8621-8626.	1.1	22
47	A new metastable phase in the Ndâ€Feâ€B system. Journal of Applied Physics, 1988, 64, 5723-5725.	1.1	21
48	A first-principles study on the magnetocaloric compound MnFeP2âˆ•3Si1âˆ•3. Journal of Applied Physics, 2009, 105, 07A902.	1.1	21
49	The Role of Cu in Sintered Nd-Fe-B Magnets: ab initio Study. IEEE Transactions on Magnetics, 2012, 48, 3144-3146.	1.2	21
50	Microstructures of (Fe0.88Co0.12)82La7Si11 prepared by arc-melting/melt spinning and subsequent annealing. Applied Physics A: Materials Science and Processing, 2006, 82, 339-343.	1.1	19
51	Structure and magnetic properties of mechanically alloyed SmCo/sub 7/ compound. IEEE Transactions on Magnetics, 1996, 32, 4380-4382.	1.2	18
52	Peak Effect and the Phase Diagram of Moving Vortices inFexNi1âˆ'xZr2Superconducting Glasses. Physical Review Letters, 2003, 91, 127004.	2.9	18
53	Magnetocaloric effect in La(Fe0.88Al0.12)13Cxinterstitial compounds. Journal Physics D: Applied Physics, 2004, 37, 2469-2474.	1.3	17
54	MÃ¶ssbauer spectroscopy study on the magnetic transition in Mn1.1Fe0.9P0.8Ge0.2. Journal of Applied Physics, 2009, 105, 07A920.	1.1	17

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55	MÃ¶ssbauer study of intercalation modified compounds R2Fe17(R=Y, Sm). Journal of Applied Physics, 1993, 73, 6038-6040.	1.1	16
56	Structure and magnetic properties of La(Fe0.88Al0.12)13Cx interstitial compounds. Journal of Applied Physics, 2004, 95, 7067-7069.	1.1	15
57	Thermal stability of nanostructured Sm2Fe17Cx compounds prepared by ball milling. Journal of Applied Physics, 1996, 79, 5536.	1.1	14
58	Structural evolution of Fe33Zr67 and Fe90Zr10 metallic glasses. Journal of Non-Crystalline Solids, 2005, 351, 604-611.	1.5	14
59	Exchange interaction in GdT2 (T=Fe,Co,Ni) from first-principles. Journal of Applied Physics, 2010, 107, 09E117.	1.1	14
60	The mixing of Fe/Co and its effect on the exchange interaction in SmCo5/Î±-Fe nanocomposites: A first-principles study. Journal of Applied Physics, 2012, 111, .	1.1	14
61	Direct determination of cobalt site preferences at infinite dilution in ironâ€based intermetallic compounds (invited). Journal of Applied Physics, 1990, 67, 4742-4746.	1.1	13
62	Carbonitrides of R2Fe17 prepared by gas-solid reaction. Journal of Magnetism and Magnetic Materials, 1993, 125, 169-176.	1.0	13
63	Magnetocaloric effect in Co-rich Er(Co1â^'xFex)2 Laves phase. Journal of Applied Physics, 2008, 103, .	1.1	13
64	Superconductivity and short-range order in metallic glassesFexNi1â^'xZr2. Physical Review B, 2009, 79, .	1.1	13
65	Y5Al3; a new Y-Al compound. Journal of Materials Science, 1987, 22, 2983-2986.	1.7	12
66	Formation of high pressure phases in rapidly quenched Feâ€Nd alloys. Journal of Applied Physics, 1990, 67, 4821-4823.	1.1	12
67	X-ray-diffraction study of structural relaxation in metallic glasses. Physical Review B, 1995, 51, 2798-2804.	1.1	12
68	Model for predicting atomic substitutions in intermetallic compounds. Journal of Applied Physics, 2000, 87, 4747-4749.	1.1	12
69	First-principles survey on the doping of Ga in Nd2Fe14B. Journal of Applied Physics, 2014, 115, .	1.1	12
70	Enhanced Magnetic Properties of Spark Plasma Sintered (La/Ce)â€“Feâ€“B Magnets. IEEE Transactions on Magnetics, 2017, 53, 1-3.	1.2	12
71	Reversible structural relaxation in Feâ€“B metallic glasses. Journal of Materials Research, 1987, 2, 54-58.	1.2	11
72	Effects of quench rate on the microstructure in melt-spun Ndâ€“Feâ€“B alloys. Journal of Materials Research, 1991, 6, 724-730.	1.2	11

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73	Hydrogenation decomposition desorption recombination magnets based on Sm2+l'â€‰Fe17M0.4carbonitrides (M=IVB/VB/VIB group elements). Journal of Applied Physics, 1994, 75, 6012-6014.	1.1	11
74	Influence of oxygen impurities on the crystallization mechanism of NiZr2 metallic glasses. Journal of Applied Physics, 2001, 89, 2441-2446.	1.1	11
75	Effect of pressure on the itinerant ferromagnet CoS2: A first-principles study. Journal of Applied Physics, 2007, 101, 09G511.	1.1	11
76	Exchange Interaction in Gd$_4$Bi$_3$ and Gd From First-Principles Calculations. IEEE Transactions on Magnetics, 2009, 45, 3989-3992.	1.2	11
77	Magnetic state and exchange interaction in GdScGe:Ab initiostudy. Journal of Applied Physics, 2013, 113, 17E103.	1.1	11
78	Thermopower of Fe-Zr metallic glasses. Journal of Non-Crystalline Solids, 1984, 61-62, 1115-1118.	1.5	10
79	The crystallization characteristics of Y-Al metallic glasses. Journal of Materials Science Letters, 1985, 4, 1005-1009.	0.5	10
80	Local order in amorphous pure iron. Solid State Communications, 1988, 66, 339-341.	0.9	10
81	MÃ¶ssbauer study of the glass transition in a metallic glass. Hyperfine Interactions, 1994, 94, 2163-2167.	0.2	10
82	Characteristics of Sm2Fe17Cx compounds prepared from ball-milled blends of Sm2Fe17 and graphite. Journal of Applied Physics, 1996, 79, 4619.	1.1	10
83	Crystallization of amorphous NiZr2. Materials Science and Engineering, 1988, 97, 307-311.	0.1	9
84	A simple conversion electron detector for MÃ¶ssbauer source experiments. Review of Scientific Instruments, 1993, 64, 679-682.	0.6	9
85	Structural and thermal studies of nitrate glasses. Journal of Non-Crystalline Solids, 1996, 205-207, 221-224.	1.5	9
86	Consistent partial structure factors for amorphousNi0.33(ZryHf1â^'y)0.67using x-ray and neutron diffraction. Physical Review B, 1996, 53, 8983-8992.	1.1	9
87	Local structure in amorphous Feâ€“TMâ€“Zr (TM = Co, Ni, Cu) studied by MÃ¶ssbauer spectroscopy. Journal of Non-Crystalline Solids, 1999, 250-252, 637-641.	1.5	9
88	Electronic transport properties in amorphous and crystallineFeZr2examined via the density of states. Physical Review B, 2004, 70, .	1.1	9
89	Exchange interaction in L10-ordered FePt and CoPt from first-principles. Journal of Applied Physics, 2011, 109, 07B762.	1.1	9
90	Structural and Magnetocaloric Properties of MnFeP_{1â^'x}Si_xCompounds Prepared by Spark Plasma Sintering. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	9

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91	The Magnetic and Crystal Structure of MnxGa (1.15â€‰â‰€â€‰xâ€‰â‰€â€‰1.8) Alloys. Scientific Reports, 2017, 7, 6469	1.1	7
92	Temperature dependence of magnetocrystalline anisotropy of Sm2Fe17C2. Journal of Magnetism and Magnetic Materials, 1992, 109, 271-274.	1.0	8
93	The influence of quench temperature on the structure and crystallization of glassy NiZr2. Journal of Non-Crystalline Solids, 1984, 61-62, 469-474.	1.5	7
94	Pressure dependence of superconductivity in amorphousZrxNi100â^'xalloys. Physical Review B, 1989, 39, 4677-4679.	1.1	7
95	Giant Magnetoresistance in Granular Ni₈₁Fe₁₉/Ag Formed from Annealed Multilayers. Materials Research Society Symposia Proceedings, 1993, 313, 405.	0.1	7
96	Enhancement of superconductivity in relaxed Fe-Zr metallic glasses. Journal of Non-Crystalline Solids, 1996, 205-207, 692-695.	1.5	7
97	A simple method to determine the purity of an inert gas. Review of Scientific Instruments, 1997, 68, 2438-2441.	0.6	7
98	Magnetism and structure of Fe/Cu multilayers studied by low-temperature conversion electron MÃ¶ssbauer spectroscopy. Journal of Applied Physics, 1999, 85, 5738-5740.	1.1	7
99	Approaching the theoretical coercivity of Nd2Fe14B: Microstructural evaluation and interparticle interactions. Journal of Applied Physics, 2000, 88, 5311-5314.	1.1	7
100	Nitrogen-induced local magnetic and structural properties of sputtered FeAlN thin films. Journal of Applied Physics, 2003, 93, 6471-6473.	1.1	7
101	First-principles calculation on the Curie temperature of GdFeSi. Journal of Applied Physics, 2010, 107, 09E103.	1.1	7
102	Crystal structure and magnetism of the MnxGa (1.15 â‰x â‰ 2.0) rare-earth-free permanent magnet system. AIP Advances, 2016, 6, .	0.6	7
103	Electron-phonon coupling and temperature coefficient of resistivity in Ni-Zr glasses. Journal of Non-Crystalline Solids, 1984, 61-62, 1185-1188.	1.5	6
104	MÃ¶ssbauer determination of cobalt substitution in ironâ€based intermetallics. Journal of Applied Physics, 1991, 70, 6143-6145.	1.1	6
105	Cumulative interface roughness and magnetization in antiferromagnetically coupled NiCo/Cu multilayers. Journal of Applied Physics, 1994, 76, 7084-7086.	1.1	6
106	Temperature dependence of the resistivity of amorphous Feâ€“Coâ€“Zr alloys. Journal of Non-Crystalline Solids, 1999, 250-252, 786-790.	1.5	6
107	Structure and magnetocaloric effect in the pseudobinary system LaFe11Si2â€“LaFe11Al2. Journal of Applied Physics, 2004, 95, 6924-6926.	1.1	6
108	Effect of Fe partial substitution for Co on the magnetic properties of Y(Co,Fe)5 from first-principles. Journal of Applied Physics, 2010, 107, 09A718.	1.1	6

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109	The Fe substitution in (M=Si, Ge and Sn): A first-principles study. Computational Materials Science, 2014, 85, 186-192.	1.4	6
110	Title is missing!. Hyperfine Interactions, 2002, 144/145, 141-149.	0.2	5
111	Co magnetism and the order of the magnetic transition in Er1â^'xGdxCo2 Laves phases. Journal of Applied Physics, 2006, 99, 08F709.	1.1	5
112	Volume dependence of the exchange interaction and Curie temperature in Co2MGa (Mâ€‰=â€‰Ti and Fe): A first-principles study. Journal of Applied Physics, 2011, 109, 07B108.	1.1	5
113	PRESSURE DEPENDENCE OF THE RESISTIVITY OF AMORPHOUS NiZr ALLOYS. , 1985, , 1083-1086.		5
114	Polytypic phase formation in DyAl3by rapid solidification. Applied Physics Letters, 1991, 58, 125-127.	1.5	4
115	Xâ€ray structural studies of nitrogen diffusion in Dy2Fe17. Journal of Applied Physics, 1994, 76, 6038-6040.	1.1	4
116	The glass transition in Zr67(Ni1â^'xCux) metallic glasses. Journal of Non-Crystalline Solids, 1996, 205-207, 476-479.	1.5	4
117	Transport properties of isostructural Ni-Zr-Hf metallic glasses. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 226-228, 1042-1044.	2.6	4
118	Atomic volumes and magnetic properties of melt-quenched (Zr, Hf)10(Fe, Co, Ni)90 type metastable alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 226-228, 641-645.	2.6	4
119	Spin wave excitations in Fe/Cu multilayers as a function of its parameters. Journal of Applied Physics, 2000, 87, 6591-6593.	1.1	4
120	Experimental and first-principles determination of the magnetocrystalline anisotropy in MnxGa. AIP Advances, 2017, 7, .	0.6	4
121	Reply to â€˜â€˜Comment on â€˜Crystallization characteristics of late transition metalâ€Zr glasses around the composition M90Zr10â€™â€‰â€™â€™ [J. Appl. Phys.59, 2364 (1986)]. Journal of Applied Physics, 1986, 60, 4334-4335.	1.1	3
122	A TEM study of the microstructures formed during the crystallization of Niâ€“Zr metallic glasses. Journal of Materials Research, 1991, 6, 755-759.	1.2	3
123	Electronic properties of icosahedral Al63.5Cu24.5Fe12. Journal of Non-Crystalline Solids, 1993, 153-154, 343-346.	1.5	3
124	The effects of group Ivâ€‰B/Vâ€‰B/VIâ€‰B additions on the magnetic properties of Sm2+Î´â€‰Fe17carbonitrides. Journal of Applied Physics, 1994, 75, 5997-5999.	1.1	3
125	Structure of sputtered and melt-spun Ni-Zr glassy metals. Physical Review B, 1994, 50, 9098-9101.	1.1	3
126	Phase transformation in ball-milled iron-rich Smâ€“Fe(â€“C) powders. Journal of Materials Research, 1999, 14, 750-762.	1.2	3

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127	Magnetic properties of Nd5SixSn4â^'x. Journal of Applied Physics, 2003, 93, 8304-8306.	1.1	3
128	Local magnetization fluctuations in superconducting glasses resolved by Hall sensors. Physical Review B, 2009, 79, .	1.1	3
129	Exchange interaction in hexagonal MnRhP from first-principles studies. Journal of Applied Physics, 2014, 115, .	1.1	3
130	Disorder-Induced Enhancement of Magnetic Properties in Ball-Milled Fe₂CrAl Alloy. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	3
131	The irreversible structural change in Mn1.1Fe0.9P0.8Ge0.2: Evidence for a magnetic driver. AIP Advances, 2017, 7, 056407.	0.6	3
132	Effect of ingot cooling rate on Cu distribution and magnetic properties of Sm(CobalFe0.28Cu0.07Zr0.03)7.6 magnets. AIP Advances, 2019, 9, 125142.	0.6	3
133	THE INFLUENCE OF MELT TEMPERATURE AND QUENCH RATE ON NI-ZR METALLIC GLASSES. , 1985, , 447-450.		3
134	Structural relaxation of metallic glasses studied by MÃ¶ssbauer spectroscopy. Hyperfine Interactions, 1994, 94, 2169-2174.	0.2	2
135	Structural Studies and Magnetotransport Properties of Sputtered Ni/Co Multilayers. Materials Research Society Symposia Proceedings, 1995, 384, 359.	0.1	2
136	Solid-state phase transformation in nanocrystalline R/sub 2/Fe/sub 17/C/sub x/ compounds (R=Sm or Nd;) Tj ETQq0 0 0 rgBT /Overlock 1	1.2	2
137	Formation of Nd(Fe1â^'yCoy)2 in rapidly quenched Nd13.75(Fe1â^'xCox)80.25B6 (x=0â^'0.5) alloys. Journal of Applied Physics, 1996, 79, 4833.	1.1	2
138	Structural and Magnetoresistance Studies of Ni/Co Multilayers. Materials Research Society Symposia Proceedings, 1997, 475, 475.	0.1	2
139	Formation, structure and hard magnetic properties of Sm2Fe17ÂxCoxCycompounds. Journal of Physics Condensed Matter, 2003, 15, 3315-3322.	0.7	2
140	Magnetostructural transition in Nd5Si2.335Ge1.665. Journal of Applied Physics, 2008, 103, 07B330.	1.1	2
141	Moment variation in Er(Co1â^'xFex)2 Laves phase: Magnetic measurements and MÃ¶ssbauer spectroscopy study. Journal of Applied Physics, 2009, 105, 07E119.	1.1	2
142	Enhanced coercivity of spark plasma sintered (La,Ce)FeB magnets. , 2017, , .		2
143	Magnetostructural transitions in V-doped MnCoGe compounds. AIP Advances, 2020, 10, 025325.	0.6	2
144	Structural Relaxation in Fe-B Glasses. Materials Research Society Symposia Proceedings, 1985, 58, 81.	0.1	1

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145	Structural Studies of Sputtered Ni80Co20/Cu Multilayers. Materials Research Society Symposia Proceedings, 1995, 382, 197.	0.1	1
146	Bulk anisotropic magnet of Sm2Fe17type produced from the carbide by gasâ€solid reaction after sintering. Journal of Applied Physics, 1996, 80, 6559-6560.	1.1	1
147	Aligned Sm2Fe17â˜Îâ€‰MÎâ€‰CxNy(M=metal) magnet produced by post-sintering-gas-solid reaction. Journal of Applied Physics, 1997, 81, 4557-4559.	1.1	1
148	Nitriding of coarse powders of Sm2Fe17based carbides. Journal of Applied Physics, 1997, 81, 4560-4562.	1.1	1
149	Anisotropic sintered Sm2(Fe,M)17Nx magnets made by rotational alignment. Applied Physics Letters, 1997, 70, 1176-1178.	1.5	1
150	Formation and magnetic properties of TbCu7-type RFe7 compounds and their nitrides (R=Tb and Dy). Journal of Applied Physics, 1997, 81, 5106-5108.	1.1	1
151	Nd Rich Nd-Fe-B Tailored for Maximum Coercivity. Materials Research Society Symposia Proceedings, 1999, 577, 247.	0.1	1
152	Magnetic states of and with the -type structure. Journal of Magnetism and Magnetic Materials, 2006, 307, 165-169.	1.0	1
153	Ruthenium nano-oxide layer in CoFe-Ru-CoFe trilayer system: An x-ray reflectivity study. Journal of Applied Physics, 2008, 103, 094904.	1.1	1
154	Comments on â€œStructure origin of a transition of classic-to-avalanche nucleation in Zr-Cu-Al bulk metallic glassesâ€• Scripta Materialia, 2019, 163, 166-167.	2.6	1
155	Reversible Structural Relaxation in Fe-Ni-B-Si Metallic Glasses. Materials Research Society Symposia Proceedings, 1986, 80, 443.	0.1	0
156	Composition and temperature dependence of coercivity of Ndâ€Feâ€B alloys crystallized from the amorphous state (abstract). Journal of Applied Physics, 1988, 64, 5552-5552.	1.1	0
157	Stable and metastable phases in Ndâ˜Fe binary alloys. Hyperfine Interactions, 1990, 55, 1027-1030.	0.2	0
158	Structural and magneto-caloric properties of MnFeP<inf>1â˜x</inf>Si<inf>x</inf> compounds prepared by spark plasma sintering. , 2015, , .		0
159	Disorder-induced enhancement of magnetism in ball-milled Fe<inf>2</inf>CrAl alloy. , 2015, , .		0
160	Recrystallization and magnetic hardening in Mn<inf>1.8</inf>Ga magnet by spark plasma sintering deformation. , 2017, , .		0
161	A Comparison between the Thermal Properties of Niâ€“Zr Amorphous Alloys Obtained by Mechanical Alloying and Melt-Spinning. , 1988, , 317-320.		0
162	Crystallization of Amorphous NiZr2. , 1988, , 307-311.		0