

Dominic H Ryan

List of Publications by Year in descending order

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156
papers

2,228
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257450

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157
times ranked

2469
citing authors

#	ARTICLE	IF	CITATIONS
1	A note on Mössbauer analysis of white oak surfaces colored with aqueous iron salt solutions. <i>Journal of Wood Chemistry and Technology</i> , 2022, 42, 83-90.	1.7	2
2	Magnetism in Mixed Valence, Defect, Cubic Perovskites: $\text{BaIn}_{1-x}\text{Fe}_x\text{O}_{2.5+\delta}$, $x = 0.25, 0.50, \text{ and } 0.75$. Local and Average Structures. <i>ACS Omega</i> , 2021, 6, 6017-6029.	3.5	0
3	Magnetic crystalline-symmetry-protected axion electrodynamics and field-tunable unpinned Dirac cones in EuIn_2As_2 . <i>Nature Communications</i> , 2021, 12, 999.	12.8	44
4	Extraordinarily strong magneto-responsiveness in phase-separated LaFe_2Si . <i>Acta Materialia</i> , 2021, 215, 117083.	7.9	2
5	Mössbauer study of the temperature dependence of electron delocalization in mixed valence freudenbergite. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5496-5501.	3.8	1
6	Manipulating magnetism in the topological semimetal EuCd_2As_2 . <i>Physical Review B</i> , 2020, 101, .	10.8	18
7	Magnetic phase transitions in $\text{Eu}(\text{fumarate})_2$. <i>Physical Review Materials</i> , 2020, 4, .	2.4	10
8	Modulated magnetic structure in 57Fe doped orthorhombic YbMnO_3 : A Mössbauer study. <i>AIP Advances</i> , 2019, 9, 035008.	1.3	3
9	Magnetic structures of $\text{R}_2\text{Fe}_2\text{Si}_2\text{C}$ intermetallic compounds: Evolution to $\text{Er}_2\text{Fe}_2\text{Si}_2\text{C}$ and $\text{Tm}_2\text{Fe}_2\text{Si}_2\text{C}$. <i>Physical Review B</i> , 2019, 99, .	3.2	3
10	A Mössbauer study of DyCrO_4 and ErCrO_4 . <i>AIP Advances</i> , 2019, 9, 035320.	1.3	2
11	A neutron diffraction demonstration of long-range magnetic order in the quasicrystal approximant DyCd_6 . <i>AIP Advances</i> , 2019, 9, .	1.3	6
12	Magnetic and structural transitions in EuAg_4As_2 studied using ^{151}Eu Mössbauer spectroscopy. <i>AIP Advances</i> , 2019, 9, .	1.3	6
13	The first-order magnetoelastic transition in Eu_2In : A ^{151}Eu Mössbauer study. <i>AIP Advances</i> , 2019, 9, 125137.	1.3	5
14	Intrinsic Magnetic Properties of $\text{Ce}_2\text{Fe}_{14}\text{B}$ Modified by Al, Ni, or Si. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 205.	2.5	13
15	Magnetic ground state of Dy^{3+} in DyNiAl_4 . <i>AIP Advances</i> , 2017, 7, .	1.3	6
16	The Magnetic and Crystal Structure of Mn_xGa (1.15 $\leq x \leq 1.8$) Alloys. <i>Scientific Reports</i> , 2017, 7, 6469	1.7	7
17	A Single-Crystal Mössbauer Study of Spin Reorientations in the Multi-Ferroc HoFeO_3 . <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	2.1	2
18	The irreversible structural change in $\text{Mn}_{1.1}\text{Fe}_{0.9}\text{P}_{0.8}\text{Ge}_{0.2}$: Evidence for a magnetic driver. <i>AIP Advances</i> , 2017, 7, 056407.	1.3	3

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19	Experimental and first-principles determination of the magnetocrystalline anisotropy in Mn _x Ga. AIP Advances, 2017, 7, .	1.3	4
20	The magnetic structures of GdCuSn, GdAgSn and GdAuSn. Journal of Physics Condensed Matter, 2017, 29, 495804.	1.8	1
21	Magnetic ordering in Gd ₅ Ir ₂ Bi and Gd ₅ Ir ₂ Sb. AIP Advances, 2016, 6, 055710.	1.3	0
22	Crystal structure and magnetism of the Mn _x Ga (1.15 ≤ x ≤ 2.0) rare-earth-free permanent magnet system. AIP Advances, 2016, 6, .	1.3	7
23	Europium and manganese magnetic ordering in EuMn ₂ Ge ₂ . Journal of Physics Condensed Matter, 2016, 28, 166003.	1.8	3
24	The magnetic structure of EuGe ₂ . Journal of Alloys and Compounds, 2016, 688, 51-54.	5.5	10
25	Complex incommensurate helicoidal magnetic ordering of EuNiGe ₃ . Journal of Physics Condensed Matter, 2016, 28, 266001.	1.8	8
26	Intrinsic magnetic properties of single-phase Mn _{1+x} Ga (0 ≤ x ≤ 1) alloys. Scientific Reports, 2015, 5, 17086.	3.3	46
27	Complex physical properties of EuMgSi – a complementary study by neutron powder diffraction and ¹⁵¹ Eu Mössbauer spectroscopy. Journal of Materials Chemistry C, 2015, 3, 7203-7215.	5.5	10
28	A Mössbauer investigation of orthorhombic phase YbMnO ₃ . Hyperfine Interactions, 2015, 230, 195-203.	0.5	6
29	Determination of the magnetic structure of Gd ₂ Fe ₂ Si ₂ C by Mössbauer spectroscopy and neutron diffraction. Journal of Physics Condensed Matter, 2015, 27, 146005.	1.8	8
30	Modulated ferromagnetic ordering and the magnetocaloric response of Eu ₄ PdMg. Journal of Applied Physics, 2015, 117, .	2.5	18
31	The magnetic structure of EuCu ₂ Sb ₂ . Journal of Physics Condensed Matter, 2015, 27, 206002.	1.8	8
32	Calculating the distribution of transferred hyperfine fields at the Sn site in tetragonal CeScSi-type RMgSn compounds. Hyperfine Interactions, 2014, 226, 309.	0.5	1
33	Comment on “Effective field parameters in iron Mössbauer spectroscopy” [J. Chem. Phys. 47, 961 (1967)]. Journal of Chemical Physics, 2014, 140, 167101.	3.0	1
34	Thermal neutron diffraction determination of the magnetic structure of EuCu ₂ Ge ₂ . Journal of Applied Physics, 2014, 115, 17E101.	2.5	11
35	Magnetic structure of GdBiPt: A candidate antiferromagnetic topological insulator. Physical Review B, 2014, 90, .	3.2	57
36	On the magnetic order of Gd ₅ Ge ₃ . Journal of Applied Physics, 2014, 115, 17A901.	2.5	3

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37	Electron hopping in the Mössbauer spectrum of mixed valence freudenbergite. Hyperfine Interactions, 2014, 226, 579-583.	0.5	5
38	Spin-reorientation in GdGa. Hyperfine Interactions, 2014, 226, 257-266.	0.5	11
39	151 Eu hyperfine fields, isomer shifts and moments in Eu-based EuT ₂ X ₂ intermetallic compounds. Hyperfine Interactions, 2014, 226, 243-255.	0.5	8
40	Magnetic structure of the high temperature superconductor Gd _{1-x} Th _x FeAsO. Journal of Applied Physics, 2014, 115, 17D705.	2.5	2
41	Ultra-rapid microwave synthesis of triplite LiFeSO ₄ F. Journal of Materials Chemistry A, 2013, 1, 2990.	10.3	43
42	A simple digital TDPAC spectrometer. Hyperfine Interactions, 2013, 222, 103-108.	0.5	2
43	Magnetic structure of GdNiSn. Journal of Applied Physics, 2013, 113, .	2.5	4
44	Extreme doping sensitivity of the ordering direction in GdCo ₁₂ Fe ₆ B ₆ . Journal of Applied Physics, 2013, 113, .	2.5	8
45	A search for field-induced ordering in the optimally doped Ba(Fe,Co)2As ₂ superconductor. Journal of Applied Physics, 2013, 113, 17E127.	2.5	0
46	Field dependence of the transverse spin glass phase transition: Quantitative agreement between Monte Carlo simulations and experiments. Journal of Applied Physics, 2012, 111, 07E108.	2.5	5
47	Magnetic and structural transitions in the iron-chalcogenide high-T _c superconductor: K _{0.8} Fe _{1.76} Se _{2.00} . Journal of Applied Physics, 2012, 111, 07E126.	2.5	2
48	Solvothermal synthesis of electroactive lithium iron tavorite and structure of Li ₂ FePO ₄ F. Journal of Materials Chemistry, 2012, 22, 4759.	6.7	49
49	Doping-induced valence change in Yb ₅ Ge ₄ x(Sb, Ga) _x : (x=0.1). Hyperfine Interactions, 2012, 208, 59-63.	2.5	5
50	155Gd Mössbauer investigation of the magnetic order and spin-reorientation in Gd ₃ Ag ₄ Sn ₄ . Hyperfine Interactions, 2012, 207, 121-125.	0.5	2
51	Direct synthesis of nanocrystalline Li _{0.90} FePO ₄ : observation of phase segregation of anti-site defects on delithiation. Journal of Materials Chemistry, 2011, 21, 10085.	6.7	53
52	Magnetic ordering in GdAgSb ₂ . Journal of Physics Condensed Matter, 2011, 23, 106003.	1.8	4
53	Magnetic structure of EuFe ₂ P ₂ . Mössbauer study of Fe ₂ ordering in superconducting $\text{Fe}_{1-x}\text{Co}_x\text{P}_2$. Journal of Applied Physics, 2011, 110, 07E108.	3.2	77
54	Magnetic structure of EuFe ₂ P ₂ studied by Mössbauer spectroscopy. Journal of Applied Physics, 2011, 110, 07E108.	3.2	38

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55	Formation of an ambient-pressure collapsed tetragonal phase in CaFe_2As_2 . <i>Physical Review Letters</i> , 2008, 101, 077002. https://doi.org/10.1103/PhysRevLett.101.077002	3.2	81
56	Crystal Structure and Electrochemical Properties of $\text{A}_{2-x}\text{MPO}_4$ Fluorophosphates (A = Na, Li; M = Fe, Mn, Co, Ni). <i>Chemistry of Materials</i> , 2010, 22, 1059-1070. https://doi.org/10.1021/10.1021/cm902328a	6.7	300
57	Phonon mode softening at the ferroelectric transition in $\text{Eu}_{0.5}\text{Ba}_{0.5}\text{TiO}_3$. <i>Hyperfine Interactions</i> , 2010, 198, 1-4. https://doi.org/10.1007/s10994-010-0001-1	0.5	7
58	Structural and magnetic transitions in $\text{Gd}_5\text{Si}_2\text{Ge}_7$. <i>Physical Review B</i> , 2010, 82, . https://doi.org/10.1103/PhysRevB.82.020408	1.2	14
59	USING NEUTRON DIFFRACTION AND Mn^{55} -SSBAUER SPECTROSCOPY TO STUDY MAGNETIC ORDERING IN THE $\text{R}_3\text{T}_4\text{Sn}_4$ FAMILY OF COMPOUNDS. <i>Modern Physics Letters B</i> , 2010, 24, 1-28. https://doi.org/10.1142/S020905581002401	1.9	21
60	Neutron scattering study of the classical antiferromagnet MnF_2 : a perfect hands-on neutron scattering teaching course. <i>Canadian Journal of Physics</i> , 2010, 88, 771-797. https://doi.org/10.1139/P10-077	1.1	30
61	Coexistence of long-ranged magnetic order and superconductivity in the pnictide superconductor SmFeAsO . <i>Physical Review B</i> , 2009, 80, . https://doi.org/10.1103/PhysRevB.80.020408	3.2	14
62	Cellulose-bound magnesium diboride superconductivity. , 2009, , . https://doi.org/10.1021/10.1021/cm902328a		0
63	Mn^{55} ssbauer spectroscopy study on the magnetic transition in $\text{Mn}_{1.1}\text{Fe}_{0.9}\text{P}_{0.8}\text{Ge}_{0.2}$. <i>Journal of Applied Physics</i> , 2009, 105, 07A920. https://doi.org/10.1063/1.3131111	2.5	17
64	S_{119}n Mn^{55} ssbauer spectroscopy investigation of $\text{Nd}_3\text{Cu}_4\text{Sn}_4$, $\text{Nd}_3\text{Ag}_4\text{Sn}_4$, and $\text{Ho}_3\text{Cu}_4\text{Sn}_4$. <i>Journal of Applied Physics</i> , 2009, 105, 07D508. https://doi.org/10.1063/1.3131111	2.5	3
65	Magnetic ground state at the ytterbium site in YbNiAl_4 . <i>Journal of Applied Physics</i> , 2009, 105, . https://doi.org/10.1063/1.3131111	2.5	5
66	Magnetic order of the rare earth sublattice in h-YbMnO_3 . <i>Journal of Applied Physics</i> , 2009, 105, 07E110. https://doi.org/10.1063/1.3131111	2.5	5
67	Moment variation in $\text{Er}(\text{Co}_{1-x}\text{Fe}_x)_2$ Laves phase: Magnetic measurements and Mn^{55} ssbauer spectroscopy study. <i>Journal of Applied Physics</i> , 2009, 105, 07E119. https://doi.org/10.1063/1.3131111	2.5	2
68	$\text{LFe}_6\text{Sn}_4\text{Ge}_2$ (L=Dy, Ho, Er) studied by neutron diffraction and Mn^{55} ssbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2009, 486, 29-36. https://doi.org/10.1016/j.jallcom.2009.04.050	5.5	2
69	Mn^{55} ssbauer spectroscopy of ^{151}Eu europium dicarboxylates. <i>Hyperfine Interactions</i> , 2008, 185, 123-127. https://doi.org/10.1007/s10994-008-0001-1	0.5	1
70	Flat-plate single-crystal silicon sample holders for neutron powder diffraction studies of highly absorbing gadolinium compounds. <i>Journal of Applied Crystallography</i> , 2008, 41, 198-205. https://doi.org/10.1107/S0021889808011111	4.5	41
71	Magnetostructural transition in $\text{Nd}_5\text{Si}_2.335\text{Ge}_{1.665}$. <i>Journal of Applied Physics</i> , 2008, 103, 07B330. https://doi.org/10.1063/1.2963330	2.5	2
72	From single-molecule magnetism to long-range ferromagnetism in Hpyr . <i>Physical Review B</i> , 2008, 77, . https://doi.org/10.1103/PhysRevB.77.020408	3.2	14

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73	Anisotropic contributions to the Sn119 transferred hyperfine fields in $R\text{Mn}_6\text{Sn}_6\text{X}_x$ ($R=\text{Y}, \text{Tb}, \text{Er}; \text{X}=\text{In}, \text{Ga}$). Physical Review B, 2007, 75, .	3.2	11
74	Sn119 transferred hyperfine fields in $\text{ErMn}_6\text{Sn}_6\text{X}_x$. Journal of Applied Physics, 2007, 101, 09K504.	2.5	2
75	Finite temperature phase transition in the three-dimensional Heisenberg $\hat{A}\pm J$ spin glass model. Journal of Applied Physics, 2007, 101, 09D506.	2.5	1
76	Magnetic ordering in the HfFe_6Ge_6 -type $\text{TbFe}_6\text{Sn}_4\text{Ge}_2$ compound. Journal of Alloys and Compounds, 2007, 436, 1-8.	5.5	9
77	Latent heat of the fcc Ising antiferromagnet. Journal of Applied Physics, 2007, 101, 09G102.	2.5	3
78	Order Parameter Profiles in a Twisted Heisenberg Model. IEEE Transactions on Magnetics, 2007, 43, 2902-2904.	2.1	0
79	Studying surfaces and thin films using Mössbauer spectroscopy. Hyperfine Interactions, 2007, 170, 131-143.	0.5	3
80	A complete solution to the Mössbauer problem, all in one place. Hyperfine Interactions, 2007, 170, 91-104.	0.5	50
81	Anisotropic contributions to the transferred hyperfine field studied using a field-induced spin-reorientation. Hyperfine Interactions, 2007, 170, 105-116.	0.5	2
82	Magnetic fluctuations in $\text{Eu}_2\text{BaZn}_x\text{Ni}_{1-x}\text{O}_5$ Haldane systems. Physical Review B, 2006, 73, .	3.2	6
83	Mössbauer studies of ^{151}Eu in europium oxalate, europium bisalen ammonium and europium benzoate. Hyperfine Interactions, 2006, 166, 499-503.	0.5	4
84	Temperature-induced spin reorientation in $\text{TbMn}_6\text{Sn}_6\text{X}_x$. Journal of Applied Physics, 2006, 99, 08J302.	2.5	6
85	Temperature dependence of induced Ni^{2+} moment fluctuations in the $\text{Eu}_2\text{BaNiO}_5$ Haldane system. Journal of Applied Physics, 2006, 99, 08H501.	2.5	5
86	Complex magnetic ordering in $\text{Tb}_3\text{Ag}_4\text{Sn}_4$. Journal of Applied Physics, 2006, 99, 08J502.	2.5	8
87	Valence and magnetic ordering in the $\text{Yb}_5\text{Si}_x\text{Ge}_4\text{X}$ pseudobinary system. Physical Review B, 2006, 73, .	3.2	12
88	Universal scaling functions and multi-critical points in the site frustrated Heisenberg model. Journal of Applied Physics, 2005, 97, 10A511.	2.5	1
89	Magnetic structure of NdScGe . Journal of Applied Physics, 2005, 97, 10A916.	2.5	10
90	Ferromagnetic phase boundary in the bond frustrated Heisenberg model. Journal of Applied Physics, 2005, 97, 10A506.	2.5	6

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91	An Overview of ^{166}Er , ^{169}Tm and ^{170}Yb Mössbauer Spectroscopy. <i>Hyperfine Interactions</i> , 2004, 153, 25-41.	0.5	15
92	^{166}Er and ^{170}Yb Mössbauer Studies of Magnetic Order and Valence. <i>Hyperfine Interactions</i> , 2004, 153, 43-55.	0.5	2
93	Intercluster coupling in site-frustrated random magnets. <i>Journal of Applied Physics</i> , 2004, 95, 6980-6982.	2.5	1
94	Magnetic order in RCr_2Si_2 intermetallics. <i>European Physical Journal B</i> , 2003, 36, 511-518.	1.5	21
95	Nitrogen-induced local magnetic and structural properties of sputtered FeAlN thin films. <i>Journal of Applied Physics</i> , 2003, 93, 6471-6473.	2.5	7
96	Field and Temperature Induced Magnetic Transition in Gd_5Sn_4 : A Giant Magnetocaloric Material. <i>Physical Review Letters</i> , 2003, 90, 117202.	7.8	72
97	^{166}Er Mössbauer study of magnetic ordering in Er_3Ge_4 . <i>Physical Review B</i> , 2003, 68, .	3.2	7
98	Magnetic ordering in ErFe_6Sn_6 . <i>Journal of Physics Condensed Matter</i> , 2003, 15, 1757-1771.	1.8	17
99	Ordering in the site frustrated Heisenberg ferromagnet revisited. <i>Journal of Applied Physics</i> , 2003, 93, 8188-8190.	2.5	1
100	Magnetic properties of $\text{Nd}_5\text{SixSn}_4$. <i>Journal of Applied Physics</i> , 2003, 93, 8304-8306.	2.5	3
101	Selective Excitation Double Mössbauer Spectroscopy. <i>Hyperfine Interactions</i> , 2002, 141/142, 141-144.	0.5	2
102	Title is missing!. <i>Hyperfine Interactions</i> , 2002, 144/145, 141-149.	0.5	5
103	Independent magnetic ordering of the rare-earth (R) and Fe sublattices in the RFe_6Ge_6 and RFe_6Sn_6 series. <i>Journal of Alloys and Compounds</i> , 2001, 326, 166-173.	5.5	41
104	Muon spin relaxation study of spin dynamics in a polysaccharide iron complex. <i>Journal of Applied Physics</i> , 2001, 89, 7645-7647.	2.5	8
105	Muon spin relaxation examination of transverse spin freezing (invited). <i>Journal of Applied Physics</i> , 2001, 89, 7039-7043.	2.5	11
106	Neutron diffraction and Mossbauer study of the magnetic structure of $\text{HoFe}_6/\text{Sn}_6$. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 2606-2608.	2.1	13
107	Field dependence of the transverse spin freezing transition. <i>Physical Review B</i> , 2001, 63, .	3.2	17
108	An improved selective excitation double Mössbauer spectrometer. <i>Review of Scientific Instruments</i> , 2001, 72, 3349-3356.	1.3	8

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109	Mössbauer spectra of ferrofluids characterized using a many state relaxation model for superparamagnets. Journal of Applied Physics, 2000, 87, 6277-6279.	2.5	9
110	Transverse spin freezing in a-Fe ₉₀ Zr ₁₀ studied using muon spin relaxation. Journal of Applied Physics, 2000, 87, 6525-6527.	2.5	7
111	Spin wave excitations in Fe/Cu multilayers as a function of its parameters. Journal of Applied Physics, 2000, 87, 6591-6593.	2.5	4
112	Neutron diffraction determination of the magnetic structure of DyFe ₆ Ge ₆ . Journal of Physics Condensed Matter, 2000, 12, 8963-8971.	1.8	12
113	Neutron diffraction and Mössbauer study of the magnetic structure of YFe ₆ Sn ₆ . Journal of Applied Physics, 2000, 87, 6046-6048.	2.5	19
114	Magnetism and structure of Fe/Cu multilayers studied by low-temperature conversion electron Mössbauer spectroscopy. Journal of Applied Physics, 1999, 85, 5738-5740.	2.5	7
115	Selective excitation double Mössbauer spectroscopy: In search of magnetic relaxation. Journal of Applied Physics, 1999, 85, 4518-4520.	2.5	8
116	Magnetic ordering in Re-doped a-Fe ₉₀ Zr ₁₀ . Journal of Applied Physics, 1999, 85, 4506-4508.	2.5	2
117	The magnetic structure of. Journal of Physics Condensed Matter, 1998, 10, 5383-5388.	1.8	10
118	The easy magnetization directions in R ₆ Fe ₂₃ intermetallic compounds: A crystal field analysis. Journal of Applied Physics, 1997, 81, 4186-4188.	2.5	4
119	Observation of independent iron and rare-earth ordering in RFe ₆ Ge ₆ (R=Y, Gd-Lu) compounds. Journal of Applied Physics, 1996, 79, 6004.	2.5	30
120	Precipitation of ferrites in Nafion [®] 1/2 membranes. Journal of Applied Polymer Science, 1996, 59, 1073-1086.	2.6	18
121	Heat capacity of silver paint. Review of Scientific Instruments, 1996, 67, 2648-2649.	1.3	3
122	Rapidly Quenched Ni ₆₄ Zr ₃₆ Fiber Anodes for Ni/Hydride Rechargeable Batteries. Journal of the Electrochemical Society, 1994, 141, 3291-3295.	2.9	6
123	Electrochemical Adsorption/Desorption of Hydrogen on Amorphous Ni ₄₀ Nb ₆₀ in Alkaline Media. Journal of the Electrochemical Society, 1994, 141, 2430-2434.	2.9	10
124	Magnetic ordering in the three-dimensional site frustrated Heisenberg model. Journal of Applied Physics, 1994, 76, 6374-6376.	2.5	0
125	Mössbauer measurements of spin correlations in a-(Fe,Ni) ₉₀ Zr ₉ Sn. Journal of Applied Physics, 1994, 76, 6377-6379.	2.5	2
126	X-ray structural studies of nitrogen diffusion in Dy ₂ Fe ₁₇ . Journal of Applied Physics, 1994, 76, 6038-6040.	2.5	4

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127	Transverse spin freezing in Fe _{92.5} Hf _{7.5} . Hyperfine Interactions, 1994, 94, 1867-1871.	0.5	0
128	Spin-reorientations in DyFe ₁₀ Cr ₂ : A ⁵⁷ Fe Mössbauer study. Hyperfine Interactions, 1994, 94, 1951-1957.	0.5	2
129	Mössbauer study of the glass transition in a metallic glass. Hyperfine Interactions, 1994, 94, 2163-2167.	0.5	10
130	Structural relaxation of metallic glasses studied by Mössbauer spectroscopy. Hyperfine Interactions, 1994, 94, 2169-2174.	0.5	2
131	Local spin correlations in partially frustrated amorphous Fe-Mn. Hyperfine Interactions, 1994, 94, 2303-2308.	0.5	1
132	Hydrogen Surface Concentration and Overpotential for the Galvanostatic Discharge of Hydride Electrodes: II. Quantitative Numerical Calculations. Journal of the Electrochemical Society, 1994, 141, 2113-2117.	2.9	12
133	Hydrogen Surface Concentration and Overpotential for Galvanostatic Discharge of Hydride Electrodes: I. Development of the Model. Journal of the Electrochemical Society, 1994, 141, 2108-2112.	2.9	35
134	Structural and magnetic properties of RFe ₆ /Ge ₆ (R=Y, Gd, Tb, Er). IEEE Transactions on Magnetics, 1994, 30, 4951-4953.	2.1	34
135	Relaxation and spin correlations in 119Sn -doped $\text{Fe}_{90}\text{Sc}_{10}$. Journal of Applied Physics, 1994, 76, 6189-6191.	2.5	3
136	A magnetocalorimetric study of spin fluctuations in amorphous $\text{Fe}_{x}\text{Zr}_{100-x}$. Journal of Applied Physics, 1994, 75, 6837-6839.	2.5	2
137	Structure and magnetic properties of rare-earth iron nitrides, carbides and carbonitrides (invited). Journal of Applied Physics, 1993, 73, 6017-6022.	2.5	30
138	A simple conversion electron detector for Mössbauer source experiments. Review of Scientific Instruments, 1993, 64, 679-682.	1.3	9
139	Mössbauer study of intercalation modified compounds R_2Fe_{17} (R=Y, Sm). Journal of Applied Physics, 1993, 73, 6038-6040.	2.5	16
140	A single magnetic transition in $\text{Fe}_{91}\text{Sc}_9$. Journal of Applied Physics, 1993, 73, 5494-5496.	2.5	12
141	Exchange Frustration and Transverse Spin Freezing. , 1992, , 1-40.		5
142	Structure and magnetic properties of $\text{R}_2\text{Fe}_{17}\text{C}_x$ ($x \approx 1/2$). Applied Physics Letters, 1992, 60, 129-131.	3.3	75
143	Hyperfine field distributions and transverse spin freezing in iron-rich amorphous Fe-Zr alloys. Journal of Applied Physics, 1991, 69, 5057-5059.	2.5	16
144	Mössbauer determination of cobalt substitution in iron-based intermetallics. Journal of Applied Physics, 1991, 70, 6143-6145.	2.5	6

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145	Structure and magnetic properties of RFe ₁₁ TiN _x (R=Y, Sm, and Dy). Journal of Applied Physics, 1991, 70, 6006-6008.	2.5	32
146	Monte Carlo simulations of transverse spin freezing in the three-dimensional frustrated Heisenberg model. Journal of Applied Physics, 1991, 69, 5231-5233.	2.5	8
147	Cluster relaxation in iron-rich amorphous FeZr alloys near T _c . Journal of Applied Physics, 1991, 70, 5837-5839.	2.5	4
148	The spontaneous resistive anisotropy in amorphous and hydrogenated FeZr. Journal of Applied Physics, 1990, 67, 5964-5966.	2.5	8
149	First Mössbauer observation of the glass transition in an amorphous metal. Hyperfine Interactions, 1990, 55, 911-915.	0.5	4
150	Microscopic origin of reversible relaxation in metallic glasses. Hyperfine Interactions, 1990, 55, 917-920.	0.5	8
151	Stable and metastable phases in Nd-Fe binary alloys. Hyperfine Interactions, 1990, 55, 1027-1030.	0.5	0
152	Direct determination of cobalt site preferences at infinite dilution in iron-based intermetallic compounds (invited). Journal of Applied Physics, 1990, 67, 4742-4746.	2.5	13
153	Formation of high pressure phases in rapidly quenched Fe-Nd alloys. Journal of Applied Physics, 1990, 67, 4821-4823.	2.5	12
154	Crystallization and texturing in rapidly quenched Nd ₂ Fe ₁₄ B ₁ and Nd ₁₅ Fe ₇₇ B ₈ . Journal of Applied Physics, 1988, 63, 3330-3332.	2.5	27
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156	Magnetic structure of GdNiSn. , 0, .		1