

# Dominic H Ryan

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9028244/dominic-h-ryan-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154  
papers

1,905  
citations

22  
h-index

37  
g-index

157  
ext. papers

2,065  
ext. citations

2.6  
avg, IF

4.45  
L-index

#	Paper	IF	Citations
154	Crystal Structure and Electrochemical Properties of A <sub>2</sub> MPO <sub>4</sub> F Fluorophosphates (A = Na, Li; M = Fe, Mn, Co, Ni). <i>Chemistry of Materials</i> , <b>2010</b> , 22, 1059-1070	9.6	265
153	Fe57 Mössbauer study of magnetic ordering in superconducting K <sub>0.80</sub> Fe <sub>1.76</sub> Se <sub>2.00</sub> single crystals. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	76
152	Stabilization of an ambient-pressure collapsed tetragonal phase in CaFe <sub>2</sub> As <sub>2</sub> and tuning of the orthorhombic-antiferromagnetic transition temperature by over 70 K via control of nanoscale precipitates. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	76
151	Structure and magnetic properties of R <sub>2</sub> Fe <sub>17</sub> C <sub>x</sub> (x~2.5). <i>Applied Physics Letters</i> , <b>1992</b> , 60, 129-131	3.4	73
150	Field and temperature induced magnetic transition in Gd <sub>5</sub> Sn <sub>4</sub> : a giant magnetocaloric material. <i>Physical Review Letters</i> , <b>2003</b> , 90, 117202	7.4	63
149	Magnetic structure of GdBiPt: A candidate antiferromagnetic topological insulator. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	49
148	Direct synthesis of nanocrystalline Li <sub>0.90</sub> FePO <sub>4</sub> : observation of phase segregation of anti-site defects on delithiation. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 10085		49
147	Solvothermal synthesis of electroactive lithium iron tavorite and structure of Li <sub>2</sub> FePO <sub>4</sub> F. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 4759		48
146	Ultra-rapid microwave synthesis of triplite LiFeSO <sub>4</sub> F. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2990	13	41
145	Intrinsic magnetic properties of single-phase Mn <sub>(1+x)</sub> Ga (0. <i>Scientific Reports</i> , <b>2015</b> , 5, 17086	4.9	39
144	A complete solution to the Mössbauer problem, all in one place. <i>Hyperfine Interactions</i> , <b>2007</b> , 170, 91-104	0.8	39
143	Magnetic structure of EuFe <sub>2</sub> P <sub>2</sub> studied by neutron powder diffraction. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	35
142	Flat-plate single-crystal silicon sample holders for neutron powder diffraction studies of highly absorbing gadolinium compounds. <i>Journal of Applied Crystallography</i> , <b>2008</b> , 41, 198-205	3.8	35
141	Independent magnetic ordering of the rare-earth (R) and Fe sublattices in the RFe <sub>6</sub> Ge <sub>6</sub> and RFe <sub>6</sub> Sn <sub>6</sub> series. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 326, 166-173	5.7	34
140	Coexistence of long-ranged magnetic order and superconductivity in the pnictide superconductor SmFeAsO <sub>1-x</sub> F <sub>x</sub> (x=0, 0.15). <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	33
139	Hydrogen Surface Concentration and Overpotential for Galvanostatic Discharge of Hydride Electrodes: I. Development of the Model. <i>Journal of the Electrochemical Society</i> , <b>1994</b> , 141, 2108-2112	3.9	31
138	Observation of independent iron and rare-earth ordering in RFe <sub>6</sub> Ge <sub>6</sub> (R=Y, Gd) compounds. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6004	2.5	30

137	. <i>IEEE Transactions on Magnetics</i> , <b>1994</b> , 30, 4951-4953	2	30
136	Structure and magnetic properties of rare-earth iron nitrides, carbides and carbonitrides (invited). <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 6017-6022	2.5	29
135	Structure and magnetic properties of RFe <sub>11</sub> TiN <sub>x</sub> (R=Y, Sm, and Dy). <i>Journal of Applied Physics</i> , <b>1991</b> , 70, 6006-6008	2.5	29
134	Crystallization and texturing in rapidly quenched Nd <sub>2</sub> Fe <sub>14</sub> B <sub>1</sub> and Nd <sub>15</sub> Fe <sub>77</sub> B <sub>8</sub> . <i>Journal of Applied Physics</i> , <b>1988</b> , 63, 3330-3332	2.5	24
133	Neutron scattering study of the classical antiferromagnet MnF <sub>2</sub> : a perfect hands-on neutron scattering teaching courseSpecial issue on Neutron Scattering in Canada.. <i>Canadian Journal of Physics</i> , <b>2010</b> , 88, 771-797	1.1	22
132	Manipulating magnetism in the topological semimetal EuCd <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	20
131	Magnetic order in RCr <sub>2</sub> Si <sub>2</sub> intermetallics. <i>European Physical Journal B</i> , <b>2003</b> , 36, 511-518	1.2	20
130	USING NEUTRON DIFFRACTION AND MÖSSBAUER SPECTROSCOPY TO STUDY MAGNETIC ORDERING IN THE R <sub>3</sub> T <sub>4</sub> Sn <sub>4</sub> FAMILY OF COMPOUNDS. <i>Modern Physics Letters B</i> , <b>2010</b> , 24, 1-28	1.6	19
129	Mössbauer spectroscopy study on the magnetic transition in Mn <sub>1.1</sub> Fe <sub>0.9</sub> P <sub>0.8</sub> Ge <sub>0.2</sub> . <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07A920	2.5	17
128	Field dependence of the transverse spin freezing transition. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	17
127	A new metastable phase in the Nd-Fe-B system. <i>Journal of Applied Physics</i> , <b>1988</b> , 64, 5723-5725	2.5	17
126	Magnetic ordering in ErFe <sub>6</sub> Sn <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 1757-1771	1.8	16
125	Neutron diffraction and Mössbauer study of the magnetic structure of YFe <sub>6</sub> Sn <sub>6</sub> . <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 6046-6048	2.5	16
124	Mössbauer study of intercalation modified compounds R <sub>2</sub> Fe <sub>17</sub> (R=Y, Sm). <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 6038-6040	2.5	16
123	Hyperfine field distributions and transverse spin freezing in iron-rich amorphous Fe-Zr alloys. <i>Journal of Applied Physics</i> , <b>1991</b> , 69, 5057-5059	2.5	16
122	Precipitation of ferrites in Nafion <sup>®</sup> membranes. <i>Journal of Applied Polymer Science</i> , <b>1996</b> , 59, 1073-10862.9	2.9	14
121	Structural and magnetic transitions in Gd <sub>5</sub> Si <sub>x</sub> Ge <sub>4-x</sub> (0 ≤ x ≤ 9) from neutron powder diffraction. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	12
120	An Overview of <sup>166</sup> Er, <sup>169</sup> Tm and <sup>170</sup> Yb Mössbauer Spectroscopy. <i>Hyperfine Interactions</i> , <b>2004</b> , 153, 25-41	0.8	12

119	Neutron diffraction and Mossbauer study of the magnetic structure of HoFe <sub>6</sub> /Sn <sub>6</sub> . <i>IEEE Transactions on Magnetics</i> , <b>2001</b> , 37, 2606-2608	2	12
118	Neutron diffraction determination of the magnetic structure of DyFe <sub>6</sub> Ge <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 8963-8971	1.8	12
117	A single magnetic transition in a-Fe <sub>91</sub> Sc <sub>9</sub> . <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 5494-5496	2.5	12
116	Formation of high pressure phases in rapidly quenched Fe-Nd alloys. <i>Journal of Applied Physics</i> , <b>1990</b> , 67, 4821-4823	2.5	12
115	Spin-reorientation in GdGa. <i>Hyperfine Interactions</i> , <b>2014</b> , 226, 257-266	0.8	11
114	Muon spin relaxation examination of transverse spin freezing (invited). <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7039-7043	2.5	11
113	Hydrogen Surface Concentration and Overpotential for the Galvanostatic Discharge of Hydride Electrodes: II. Quantitative Numerical Calculations. <i>Journal of the Electrochemical Society</i> , <b>1994</b> , 141, 2113-2117	3.9	11
112	Direct determination of cobalt site preferences at infinite dilution in iron-based intermetallic compounds (invited). <i>Journal of Applied Physics</i> , <b>1990</b> , 67, 4742-4746	2.5	11
111	Modulated ferromagnetic ordering and the magnetocaloric response of Eu <sub>4</sub> PdMg. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 17D108	2.5	10
110	Thermal neutron diffraction determination of the magnetic structure of EuCu <sub>2</sub> Ge <sub>2</sub> . <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 17E101	2.5	10
109	Valence and magnetic ordering in the Yb <sub>5</sub> Si <sub>6</sub> Ge <sub>4</sub> pseudobinary system. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	10
108	Anisotropic contributions to the Sn <sub>119</sub> transferred hyperfine fields in RMn <sub>6</sub> Sn <sub>6</sub> X <sub>x</sub> (R=Y,Tb,Er; X=In,Ga). <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	10
107	Magnetic structure of NdScGe. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10A916	2.5	10
106	The magnetic structure of. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 5383-5388	1.8	10
105	Mössbauer study of the glass transition in a metallic glass. <i>Hyperfine Interactions</i> , <b>1994</b> , 94, 2163-2167	0.8	10
104	Complex physical properties of EuMgSi: a complementary study by neutron powder diffraction and <sup>151</sup> Eu Mössbauer spectroscopy. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7203-7215	7.1	9
103	From single-molecule magnetism to long-range ferromagnetism in Hpyr[Fe <sub>17</sub> O <sub>16</sub> (OH) <sub>12</sub> (py) <sub>12</sub> Br <sub>4</sub> ]Br <sub>4</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	9
102	Magnetic ordering in the HfFe <sub>6</sub> Ge <sub>6</sub> -type TbFe <sub>6</sub> Sn <sub>4</sub> Ge <sub>2</sub> compound. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 436, 1-8	5.7	9

101	Mössbauer spectra of ferrofluids characterized using a many state relaxation model for superparamagnets. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 6277-6279	2.5	9
100	<sup>151</sup> Eu hyperfine fields, isomer shifts and moments in Eu-based EuT <sub>2</sub> X <sub>2</sub> intermetallic compounds. <i>Hyperfine Interactions</i> , <b>2014</b> , 226, 243-255	0.8	8
99	Selective excitation double Mössbauer spectroscopy: In search of magnetic relaxation. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 4518-4520	2.5	8
98	A simple conversion electron detector for Mössbauer source experiments. <i>Review of Scientific Instruments</i> , <b>1993</b> , 64, 679-682	1.7	8
97	Monte Carlo simulations of transverse spin freezing in the three-dimensional frustrated Heisenberg model. <i>Journal of Applied Physics</i> , <b>1991</b> , 69, 5231-5233	2.5	8
96	The spontaneous resistive anisotropy in amorphous and hydrogenated FeZr. <i>Journal of Applied Physics</i> , <b>1990</b> , 67, 5964-5966	2.5	8
95	Magnetic crystalline-symmetry-protected axion electrodynamics and field-tunable unpinned Dirac cones in EulnAs. <i>Nature Communications</i> , <b>2021</b> , 12, 999	17.4	8
94	Intrinsic Magnetic Properties of Ce <sub>2</sub> Fe <sub>14</sub> B Modified by Al, Ni, or Si. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 205	2.6	8
93	The magnetic structure of EuCu <sub>2</sub> B <sub>4</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 206002	1.8	7
92	The Magnetic and Crystal Structure of MnGa (1.15 ≤ x ≤ 1.8) Alloys. <i>Scientific Reports</i> , <b>2017</b> , 7, 646	4.9	7
91	Phonon mode softening at the ferroelectric transition in Eu <sub>0.5</sub> Ba <sub>0.5</sub> TiO <sub>3</sub> . <i>Hyperfine Interactions</i> , <b>2010</b> , 198, 1-4	0.8	7
90	Complex magnetic ordering in Tb <sub>3</sub> Ag <sub>4</sub> Sn <sub>4</sub> . <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08J502	2.5	7
89	Nitrogen-induced local magnetic and structural properties of sputtered FeAlN thin films. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 6471-6473	2.5	7
88	<sup>166</sup> Er Mössbauer study of magnetic ordering in Er <sub>3</sub> Ge <sub>4</sub> . <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	7
87	An improved selective excitation double Mössbauer spectrometer. <i>Review of Scientific Instruments</i> , <b>2001</b> , 72, 3349-3356	1.7	7
86	Transverse spin freezing in a-FexZr <sub>100-x</sub> studied using muon spin relaxation. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 6525-6527	2.5	7
85	Muon spin relaxation study of spin dynamics in a polysaccharide iron complex. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7645-7647	2.5	7
84	Electrochemical Adsorption-Desorption of Hydrogen on Amorphous Ni <sub>40</sub> Nb <sub>60</sub> in Alkaline Media. <i>Journal of the Electrochemical Society</i> , <b>1994</b> , 141, 2430-2434	3.9	7

83	Microscopic origin of reversible relaxation in metallic glasses. <i>Hyperfine Interactions</i> , <b>1990</b> , 55, 917-920	0.8	7
82	Crystal structure and magnetism of the $\text{Mn}_x\text{Ga}$ ( $1.15 \leq x \leq 2.0$ ) rare-earth-free permanent magnet system. <i>AIP Advances</i> , <b>2016</b> , 6, 056003	1.5	7
81	The magnetic structure of $\text{EuGe}_2$ . <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 688, 51-54	5.7	7
80	Extreme doping sensitivity of the ordering direction in $\text{GdCo}_{12}\text{Fe}_x\text{B}_6$ . <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 17E119	2.5	6
79	Magnetic fluctuations in $\text{Eu}_2\text{BaZn}_x\text{Ni}_{1-x}\text{O}_5$ Haldane systems. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	6
78	Magnetism and structure of Fe/Cu multilayers studied by low-temperature conversion electron Mössbauer spectroscopy. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 5738-5740	2.5	6
77	Mössbauer determination of cobalt substitution in iron-based intermetallics. <i>Journal of Applied Physics</i> , <b>1991</b> , 70, 6143-6145	2.5	6
76	Determination of the magnetic structure of $\text{GdFeBi}$ by Mössbauer spectroscopy and neutron diffraction. <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 146005	1.8	5
75	Electron hopping in the Mössbauer spectrum of mixed valence freudentbergite. <i>Hyperfine Interactions</i> , <b>2014</b> , 226, 579-583	0.8	5
74	Magnetic order of the rare earth sublattice in $\text{h-YbMnO}_3$ . <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07E110	2.5	5
73	Field dependence of the transverse spin glass phase transition: Quantitative agreement between Monte Carlo simulations and experiments. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07E108	2.5	5
72	Temperature dependence of induced $\text{Ni}^{2+}$ moment fluctuations in the $\text{Eu}_2\text{BaNiO}_5$ Haldane system. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08H501	2.5	5
71	Ferromagnetic phase boundary in the bond frustrated Heisenberg model. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10A506	2.5	5
70	Rapidly Quenched $\text{Ni}_{64}\text{Zr}_{36}$ Fiber Anodes for Ni/Hydride Rechargeable Batteries. <i>Journal of the Electrochemical Society</i> , <b>1994</b> , 141, 3291-3295	3.9	5
69	Exchange Frustration and Transverse Spin Freezing <b>1992</b> , 1-40		5
68	Magnetic and structural transitions in $\text{EuAg}_4\text{As}_2$ studied using $^{151}\text{Eu}$ Mössbauer spectroscopy. <i>AIP Advances</i> , <b>2019</b> , 9, 125050	1.5	5
67	Magnetic ground state of $\text{Dy}^{3+}$ in $\text{DyNiAl}_4$ . <i>AIP Advances</i> , <b>2017</b> , 7, 055702	1.5	4
66	Complex incommensurate helicoidal magnetic ordering of $\text{EuNiGe}_3$ . <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 266001	1.8	4

65	Experimental and first-principles determination of the magnetocrystalline anisotropy in $\text{MnxGa}$ . <i>AIP Advances</i> , <b>2017</b> , 7, 056216	1.5	4
64	Magnetic ground state at the ytterbium site in $\text{YbNiAl}_4$ . <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07E123	2.5	4
63	The easy magnetization directions in $\text{R}_6\text{Fe}_{23}$ intermetallic compounds: A crystal field analysis. <i>Journal of Applied Physics</i> , <b>1997</b> , 81, 4186-4188	2.5	4
62	Temperature-induced spin reorientation in $\text{TbMn}_6\text{Sn}_6\text{Ga}_x$ . <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08J302	2.5	4
61	Influence of the Interfaces on Magnetic Properties of Fe/Ag and Fe/Cu Multilayers Prepared by Sputtering. <i>Hyperfine Interactions</i> , <b>2002</b> , 144/145, 141-149	0.8	4
60	X-ray structural studies of nitrogen diffusion in $\text{Dy}_2\text{Fe}_{17}$ . <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6038-6040	2.5	4
59	Cluster relaxation in iron-rich amorphous FeZr alloys near $T_c$ . <i>Journal of Applied Physics</i> , <b>1991</b> , 70, 5837-5839	2.5	4
58	First Mössbauer observation of the glass transition in an amorphous metal. <i>Hyperfine Interactions</i> , <b>1990</b> , 55, 911-915	0.8	4
57	A Mössbauer investigation of orthorhombic phase $\text{YbMnO}_3$ . <i>Hyperfine Interactions</i> , <b>2015</b> , 230, 195-203	0.8	3
56	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> , <b>2017</b> , 7, 056407	1.5	3
55	On the magnetic order of $\text{Gd}_5\text{Ge}_3$ . <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 17A901	2.5	3
54	Doping-induced valence change in $\text{Yb}_5\text{Ge}_4$ $[(\text{Sb}, \text{Ga})_x : (\text{X})_x]$ . <i>Hyperfine Interactions</i> , <b>2012</b> , 208, 59-63	0.8	3
53	Magnetic structure of $\text{GdNiSn}$ . <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 17E107	2.5	3
52	Magnetic ordering in $\text{GdAgSb}_2$ . <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 106003	1.8	3
51	Studying surfaces and thin films using Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , <b>2007</b> , 170, 131-143	0.8	3
50	Mössbauer studies of $^{151}\text{Eu}$ in europium oxalate, europium bisalen ammonium and europium benzoate. <i>Hyperfine Interactions</i> , <b>2006</b> , 166, 499-503	0.8	3
49	Magnetic properties of $\text{Nd}_5\text{SixSn}_4$ . <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 8304-8306	2.5	3
48	Spin wave excitations in Fe/Cu multilayers as a function of its parameters. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 6591-6593	2.5	3

47	Heat capacity of silver paint. <i>Review of Scientific Instruments</i> , <b>1996</b> , 67, 2648-2649	1.7	3
46	Relaxation and spin correlations in 119Sn-doped $\alpha$ -Fe90Sc10. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6189-6191	2.5	3
45	Modulated magnetic structure in 57Fe doped orthorhombic YbMnO3: A Mössbauer study. <i>AIP Advances</i> , <b>2019</b> , 9, 035008	1.5	2
44	A neutron diffraction demonstration of long-range magnetic order in the quasicrystal approximant DyCd6. <i>AIP Advances</i> , <b>2019</b> , 9, 035312	1.5	2
43	A simple digital TDPAC spectrometer. <i>Hyperfine Interactions</i> , <b>2013</b> , 222, 103-108	0.8	2
42	5119n Mössbauer spectroscopy investigation of Nd3Cu4Sn4, Nd3Ag4Sn4, and Ho3Cu4Sn4. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07D508	2.5	2
41	Magnetic and structural transitions in the iron-chalcogenide high-Tc superconductor: K0.8Fe1.76Se2.00. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07E126	2.5	2
40	Magnetostructural transition in Nd5Si2.335Ge1.665. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 07B330	2.5	2
39	Sn119 transferred hyperfine fields in ErMn6Sn6-xGax. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 09K504	2.5	2
38	Latent heat of the fcc Ising antiferromagnet. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 09G102	2.5	2
37	166Er and 170Yb Mössbauer Studies of Magnetic Order and Valence. <i>Hyperfine Interactions</i> , <b>2004</b> , 153, 43-55	0.8	2
36	Selective Excitation Double Mössbauer Spectroscopy. <i>Hyperfine Interactions</i> , <b>2002</b> , 141/142, 141-144	0.8	2
35	Magnetic ordering in Re-doped $\alpha$ -Fe90Zr10. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 4506-4508	2.5	2
34	Mössbauer measurements of spin correlations in $\alpha$ -(Fe,Ni)90Zr9Sn. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6377-6379	2.5	2
33	Spin-reorientations in DyFe10Cr2: A57Fe Mössbauer study. <i>Hyperfine Interactions</i> , <b>1994</b> , 94, 1951-1957	0.8	2
32	Structural relaxation of metallic glasses studied by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , <b>1994</b> , 94, 2169-2174	0.8	2
31	A magnetocalorimetric study of spin fluctuations in amorphous Fe <sub>x</sub> Zr <sub>100-x</sub> . <i>Journal of Applied Physics</i> , <b>1994</b> , 75, 6837-6839	2.5	2
30	Europium and manganese magnetic ordering in EuMn2Ge2. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 166003	1.8	2



29	The first-order magnetoelastic transition in Eu <sub>2</sub> In: A <sup>151</sup> Eu Mössbauer study. <i>AIP Advances</i> , <b>2019</b> , 9, 125137	1.5	2
28	Extraordinarily strong magneto-responsiveness in phase-separated LaFe <sub>2</sub> Si. <i>Acta Materialia</i> , <b>2021</b> , 215, 117083	8.4	2
27	Magnetic structures of R <sub>2</sub> Fe <sub>2</sub> Si <sub>2</sub> C intermetallic compounds: Evolution to Er <sub>2</sub> Fe <sub>2</sub> Si <sub>2</sub> C and Tm <sub>2</sub> Fe <sub>2</sub> Si <sub>2</sub> C. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	1
26	A Mössbauer study of DyCrO <sub>4</sub> and ErCrO <sub>4</sub> . <i>AIP Advances</i> , <b>2019</b> , 9, 035320	1.5	1
25	Calculating the distribution of transferred hyperfine fields at the Sn site in tetragonal CeScSi-type RMgSn compounds. <i>Hyperfine Interactions</i> , <b>2013</b> , 226, 309	0.8	1
24	. <i>IEEE Transactions on Magnetics</i> , <b>2017</b> , 53, 1-5	2	1
23	<sup>155</sup> Gd Mössbauer investigation of the magnetic order and spin-reorientation in Gd <sub>3</sub> Ag <sub>4</sub> Sn <sub>4</sub> . <i>Hyperfine Interactions</i> , <b>2012</b> , 207, 121-125	0.8	1
22	Moment variation in Er(Co <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> Laves phase: Magnetic measurements and Mössbauer spectroscopy study. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07E119	2.5	1
21	LF <sub>6</sub> Sn <sub>4</sub> Ge <sub>2</sub> (L=Dy, Ho, Er) studied by neutron diffraction and Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 486, 29-36	5.7	1
20	Anisotropic contributions to the transferred hyperfine field studied using a field-induced spin-reorientation. <i>Hyperfine Interactions</i> , <b>2007</b> , 170, 105-116	0.8	1
19	Mössbauer spectroscopy of <sup>151</sup> europium dicarboxylates. <i>Hyperfine Interactions</i> , <b>2008</b> , 185, 123-127	0.8	1
18	Finite temperature phase transition in the three-dimensional Heisenberg $\square$ J spin glass model. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 09D506	2.5	1
17	Ordering in the site frustrated Heisenberg ferromagnet revisited. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 8188-8190	2.5	1
16	Intercluster coupling in site-frustrated random magnets. <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 6980-6982	2.5	1
15	Universal scaling functions and multi-critical points in the site frustrated Heisenberg model. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10A511	2.5	1
14	Local spin correlations in partially frustrated amorphous Fe-Mn. <i>Hyperfine Interactions</i> , <b>1994</b> , 94, 2303-2308		1
13	Magnetic phase transitions in Eu(Co <sub>1-x</sub> Ni <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> single crystals. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	1
12			

11	Mössbauer study of the temperature dependence of electron delocalization in mixed valence freudenbergite. <i>Journal of the American Ceramic Society</i> , <b>2020</b> , 103, 5496-5501	3.8	o
10	Magnetic structure of the high temperature superconductor Gd <sub>1-x</sub> Th <sub>x</sub> FeAsO. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 17D705	2.5	o
9	The magnetic structures of GdCuSn, GdAgSn and GdAuSn. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 495804	1.8	
8	Comment on "Effective field parameters in iron Mössbauer spectroscopy" [J. Chem. Phys. 47, 961 (1967)]. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 167101	3.9	
7	A search for field-induced ordering in the optimally doped Ba(Fe,Co) <sub>2</sub> As <sub>2</sub> superconductor. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 17E127	2.5	
6	Order Parameter Profiles in a Twisted Heisenberg Model. <i>IEEE Transactions on Magnetics</i> , <b>2007</b> , 43, 2902-2904		
5	Magnetic ordering in the three-dimensional site frustrated Heisenberg model. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6374-6376	2.5	
4	Transverse spin freezing in Fe <sub>92.5</sub> Hf <sub>7.5</sub> . <i>Hyperfine Interactions</i> , <b>1994</b> , 94, 1867-1871	0.8	
3	Stable and metastable phases in NdBe binary alloys. <i>Hyperfine Interactions</i> , <b>1990</b> , 55, 1027-1030	0.8	
2	Magnetic ordering in Gd <sub>5</sub> Ir <sub>2</sub> Bi and Gd <sub>5</sub> Ir <sub>2</sub> Sb. <i>AIP Advances</i> , <b>2016</b> , 6, 055710	1.5	
1	Magnetism in Mixed Valence, Defect, Cubic Perovskites: Ba <sub>1-x</sub> Fe <sub>x</sub> O, = 0.25, 0.50, and 0.75. Local and Average Structures. <i>ACS Omega</i> , <b>2021</b> , 6, 6017-6029	3.9	