Jan Zukrowski

List of Publications by Year in Descending Order

169 papers	1,801 citations	21 h-index	33 g-index
181 ext. papers	1,963 ext. citations	3.4 avg, IF	4.49 L-index

#	Paper	IF	Citations
169	Further evidence on the effect of magnetism on lattice vibrations: The case study of sigma-phase Fe0.525Cr0.455Ni0.020 alloy. *Journal of Magnetism and Magnetic Materials*, **2022**, 552, 169208	2.8	
168	One-Step Preparation of Highly Stable Copper-Zinc Ferrite Nanoparticles in Water Suitable for MRI Thermometry.. *Chemistry of Materials*, **2022**, 34, 4001-4018	9.6	3
167	Effect of Thermal Treatment at Inert Atmosphere on Structural and Magnetic Properties of Non-stoichiometric Zinc Ferrite Nanoparticles. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2021**, 52, 1632-1648	2.3	3
166	Fe and Eu Mössbauer studies of 3d-4f spin interplay in EuFeNiAs. *Scientific Reports*, **2021**, 11, 11484	4.9	0
165	Mössbauer studies of spin and charge modulations in BaFe2(As1−xPx)2. *Physical Review B*, **2021**, 103,	3.3	1
164	Effect of magnetism on lattice dynamics in metallic chromium. *Europhysics Letters*, **2021**, 133, 36002	1.6	1
163	Iron diffusivity into superconducting YBa2Cu3O7−δ at oxygen-assisted sintering: structural, magnetic, and transport properties. *Journal of the European Ceramic Society*, **2021**, 41, 7085-7097	6	2
162	Revealing magnetic component in crystalline Fe-gluconate. *Journal of Magnetism and Magnetic Materials*, **2020**, 507, 166815	2.8	1
161	The influence of the atomic scale interface roughness on the GMR effect in Fe/Cr multilayers. *Journal of Alloys and Compounds*, **2020**, 824, 153877	5.7	6
160	Mössbauer spectroscopic study of Fe68V32 compound. *Journal of Magnetism and Magnetic Materials*, **2020**, 502, 166567	2.8	3
159	Structural, magnetic and toxicity studies of ferrite particles employed as contrast agents for magnetic resonance imaging thermometry. *Journal of Magnetism and Magnetic Materials*, **2020**, 497, 165981	2.8	9
158	Magnetic field controlled C60-TEMPO catalyst for the oxidation of alcohols. *New Journal of Chemistry*, **2020**, 44, 1971-1978	3.6	1
157	Magnetic field induced structural changes in magnetite observed by resonant x-ray diffraction and Mössbauer spectroscopy. *Physical Review B*, **2020**, 102,	3.3	3
156	One-Step Synthesis of Long Term Stable Superparamagnetic Colloid of Zinc Ferrite Nanorods in Water. *Materials*, **2019**, 12,	3.5	16
155	Enhanced hyperthermic properties of biocompatible zinc ferrite nanoparticles with a charged polysaccharide coating. *Journal of Materials Chemistry B*, **2019**, 7, 2962-2973	7.3	20
154	Kinetics of phase separation, border of miscibility gap in Fe–Cr and limit of Cr solubility in iron at 832 K. *Materials Characterization*, **2019**, 158, 109937	3.9	3
153	Gradient of zinc content in core-shell zinc ferrite nanoparticles - precise study on composition and magnetic properties. *Physical Chemistry Chemical Physics*, **2019**, 21, 23473-23484	3.6	4

152	On the miscibility gap at 800 K in the Fe-Cr alloy system. *Materials Research Express*, **2019**, 6, 026568	1.7	
151	Mössbauer study of Eu0.57Ca0.43Fe2As2 and Eu0.73Ca0.27(Fe0.87Co0.13)2As2: A comparison to 122 iron-based superconductors parent compounds EuFe2As2 and CaFe2As2. *Journal of Magnetism and Magnetic Materials*, **2018**, 457, 1-7	2.8	8
150	Mössbauer studies of -phase transition in Sn-rich solder alloys. *Microelectronics Reliability*, **2018**, 82, 165-170	1.2	6
149	Sn-BEA zeolites prepared by two-step postsynthesis method: Physicochemical properties and catalytic activity in processes based on MPV reduction. *Microporous and Mesoporous Materials*, **2018**, 268, 178-188	5.3	12
148	Mössbauer-effect study of dynamic, magnetic, and electronic properties of C14 Laves phase Nb0.975Fe2.025. *Journal of Applied Physics*, **2018**, 123, 223902	2.5	4
147	Effect of low Zn doping on the Verwey transition in magnetite single crystals: Mössbauer spectroscopy and x-ray diffraction. *Physical Review B*, **2018**, 98,	3.3	14
146	Development of Ferrite-Based Temperature Sensors for Magnetic Resonance Imaging: A Study of CuZnFeO. *Physical Review Applied*, **2018**, 9,	4.3	13
145	Effect of 0.25 and 2.0 MeV He-Ion Irradiation on Short-Range Ordering in Model (EFDA) Fe-Cr Alloys. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2018**, 49, 3729-3737	2.3	2
144	Zinc doped copper ferrite particles as temperature sensors for magnetic resonance imaging. *AIP Advances*, **2017**, 7, 056703	1.5	14
143	Effect of 2 MeV Fe3+ irradiation on Fe atom population in a -phase Fe-Cr. *Materials Letters*, **2017**, 196, 20-22	3.3	
142	Thermal analysis of phase transitions in PbZr1-xSnxO3 antiferroelectric single crystals. *Journal of Thermal Analysis and Calorimetry*, **2017**, 128, 713-719	4.1	5
141	Phase decomposition at 402 °C in an Fe-Cr alloy: Mössbauer spectroscopic study. *Materials Characterization*, **2017**, 129, 282-287	3.9	6
140	Pecularities of antiferroelectric phase transitions in PbZr0.71Sn0.29O3 crystal investigated by Mössbauer effect. *Physica Status Solidi (B): Basic Research*, **2017**, 254, 1700137	1.3	2
139	Anomalous lattice dynamics in a -Fe 60 V 40 alloy: Mössbauer spectroscopic study. *Journal of Magnetism and Magnetic Materials*, **2017**, 441, 557-561	2.8	3
138	Dynamics of Ternary CuFeS2 Nanoparticles Stabilized by Organic Ligands. *Journal of Physical Chemistry C*, **2017**, 121, 6977-6985	3.8	5
137	Spectroscopic Study of the Role of Metal Ions in the Adsorption Process of Phosphate in Nanoscaled Adsorbers Based on Metal (Zn/Fe/Zr) Oxyhydroxides. *Journal of Physical Chemistry C*, **2017**, 121, 25033-25042	3.8	
136	Nanocrystalline TiO/SnO heterostructures for gas sensing. *Beilstein Journal of Nanotechnology*, **2017**, 8, 108-122	3	22
135	Distribution of Cr atoms in a strained and strain-relaxed Fe89.15Cr10.75 alloy: a Mössbauer effect study. *Philosophical Magazine Letters*, **2017**, 97, 386-392	1	5

134	Understanding the Mössbauer spectrum of magnetite below the Verwey transition: Ab initio calculations, simulation, and experiment. *Physical Review B*, **2017**, 96,	3.3	16
133	Mössbauer and heat capacity studies of ErZnSn2. *Nukleonika*, **2017**, 62, 129-133	1	
132	Pushing up the magnetisation values for iron oxide nanoparticles via zinc doping: X-ray studies on the particle's sub-nano structure of different synthesis routes. *Physical Chemistry Chemical Physics*, **2016**, 18, 25221-25229	3.6	21
131	Early stage detection of □ transition in Sn by Mössbauer spectroscopy. *Materials Chemistry and Physics*, **2016**, 182, 10-14	4.4	7
130	Electric quadrupole interaction in cubic BCC □Fe. *Journal of Alloys and Compounds*, **2016**, 673, 420-425	5.7	3
129	Oxidation controlled phase composition of FeCo(Zr) nanoparticles in CaF2 matrix. *Materials Characterization*, **2016**, 113, 71-81	3.9	6
128	Mössbauer spectroscopic study of a □Fe65.9V34.1 alloy: Curie and Debye temperatures. *Journal of Alloys and Compounds*, **2016**, 663, 540-544	5.7	4
127	Structural disorder in Lix(C5H5N)yFe2□Se2 and CsxFe2□Se2 superconductors studied by Mössbauer spectroscopy. *Journal of Magnetism and Magnetic Materials*, **2016**, 406, 244-250	2.8	5
126	Non-injection synthesis of monodisperse Cu-Fe-S nanocrystals and their size dependent properties. *Physical Chemistry Chemical Physics*, **2016**, 18, 15091-101	3.6	19
125	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)](3+)--magnetic CN-bridged chain {(H3O)[Ni(III)(cyclam)][Fe(II)(CN)6]□5H2O}n. *Chemical Communications*, **2015**, 51, 11485-8	5.8	32
124	Mössbauer spectroscopy study of a new layered iron oxyselenide Na2Fe2Se2O. *Journal of Alloys and Compounds*, **2015**, 639, 547-555	5.7	4
123	Mössbauer spectroscopy study of Al distribution in BaAlxFe12□O19 thin films. *Journal of Applied Physics*, **2015**, 117, 17A501	2.5	4
122	Mössbauer studies of the peculiar magnetism in parent compounds of the iron-based superconductors. *Philosophical Magazine*, **2015**, 95, 493-502	1.6	7
121	Distribution of Cr atoms in the surface zone of Fe-rich Fe□Cr alloys quenched into various media: Mössbauer spectroscopic study. *Applied Surface Science*, **2015**, 359, 526-532	6.7	5
120	Change of Cr atoms distribution in Fe85Cr15 alloy caused by 250keV He+ ion irradiation to different doses. *Journal of Alloys and Compounds*, **2015**, 624, 165-169	5.7	7
119	Analysis of heat capacity and Mössbauer data for LuZnSn2 compound. *Nukleonika*, **2015**, 60, 97-101	1	1
118	Magnetism of BaFe2Se3 studied by Mössbauer spectroscopy. *Solid State Communications*, **2015**, 207, 5-8	1.6	5
117	On the peculiar properties of triangular-chain EuCr3(BO3)4 antiferromagnet. *Journal of Solid State Chemistry*, **2014**, 210, 30-35	3.3	12

116	Magnetic anisotropy and lattice dynamics in FeAs studied by Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2014**, 582, 167-176	5.7	22
115	Correlation between local Fe states and magnetoresistivity in granular films containing FeCoZr nanoparticles embedded into oxygen-free dielectric matrix. *Journal of Alloys and Compounds*, **2014**, 586, S432-S435	5.7	16
114	Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence Fe9[W(CN)8]6·xMeOH cluster. *Chemical Communications*, **2014**, 50, 3484-7	5.8	33
113	Growth-induced non-planar magnetic anisotropy in FeCoZr-CaF2 nanogranular films: Structural and magnetic characterization. *Journal of Applied Physics*, **2014**, 116, 044301	2.5	16
112	Fe-rich border and activation energy of phase decomposition in a Fe–Cr alloy. *Materials Chemistry and Physics*, **2013**, 141, 18-21	4.4	13
111	A Mössbauer effect study of single crystals of the non-superconducting parent compound Fe1.09Te and the superconductor FeSe0.4Te0.6. *Journal of Physics Condensed Matter*, **2013**, 25, 416008	1.8	4
110	Phase separation and magnetic order in the Tl0.75K0.25Fe1.86Se2 superconductor studied by Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2013**, 549, 288-294	5.7	9
109	Co-NC-W and Fe-NC-W electron-transfer channels for thermal bistability in trimetallic {Fe6Co3[W(CN)8]6} cyanido-bridged cluster. *Angewandte Chemie - International Edition*, **2013**, 52, 896-900	16.4	56
108	Co–NC–W and Fe–NC–W Electron-Transfer Channels for Thermal Bistability in Trimetallic {Fe6Co3[W(CN)8]6} Cyanido-Bridged Cluster. *Angewandte Chemie*, **2013**, 125, 930-934	3.6	17
107	Experimental and theoretical study of the σ-phase Fe–Re alloys. *Materials Chemistry and Physics*, **2013**, 139, 590-595	4.4	10
106	Phase-decomposition-related short-range ordering in an Fe–Cr alloy. *Acta Materialia*, **2013**, 61, 6207-6212	3.4	24
105	Influence of hydrogen on structural and magnetic properties of the hexagonal Laves phase HoMn2. *Journal of Magnetism and Magnetic Materials*, **2012**, 324, 735-741	2.8	3
104	Structural and magnetic transformations in NdMn2Hx hydrides. *Journal of Alloys and Compounds*, **2012**, 525, 175-183	5.7	1
103	Interplay Between Spin Density Wave and Superconductivity in '122' Iron Pnictides:57Fe Mössbauer Study. *Acta Physica Polonica A*, **2012**, 121, 726-729	0.6	9
102	Coexistence of antiferromagnetic ordering and superconductivity in the Ba(Fe0.961Rh0.039)2As2 compound studied by Mössbauer spectroscopy. *Physical Review B*, **2011**, 84,	3.3	16
101	Structural and magnetic properties of C15 HoMn2 hydrides. *Journal of Alloys and Compounds*, **2011**, 509, 1347-1354	5.7	4
100	Iron fluorides assisted dehydrogenation and hydrogenation of MgH2 studied by Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2011**, 509, 5368-5372	5.7	11
99	Magnetic structure studies of ternary borides Er2−xCexFe14B. *Journal of Magnetism and Magnetic Materials*, **2011**, 323, 2968-2972	2.8	

98	Spin- and charge density perturbations and short-range order in FeCu and FeZn BCC alloys: A Mössbauer study. *Journal of Physics and Chemistry of Solids*, **2011**, 72, 1537-1542	3.9	2
97	Electrochemical synthesis of magnetic iron oxide nanoparticles with controlled size. *Journal of Nanoparticle Research*, **2011**, 13, 7167-7176	2.3	89
96	Magnetoresistance in FeCoZrAl2O3nanocomposite films containing metal coreoxide shell nanogranules. *Journal Physics D: Applied Physics*, **2011**, 44, 495001	3	25
95	Interplay between magnetism and superconductivity in EuFe2CoxAs2 studied by 57Fe and 151Eu Mo ssbauer spectroscopy. *Physical Review B*, **2011**, 84,	3.3	34
94	Shape of spin density wave versus temperature in AFe2As2(A = Ca, Ba, Eu): A Mössbauer study. *Physical Review B*, **2011**, 83,	3.3	49
93	Unusual dynamics of Fe atoms in a chromium matrix. *Journal of Physics Condensed Matter*, **2010**, 22, 435403	1.8	3
92	Mössbauer spectroscopy evidence for the lack of iron magnetic moment in superconducting FeSe. *Journal of Alloys and Compounds*, **2010**, 494, 1-4	5.7	42
91	Mössbauer and magnetic measurements of superconducting LiFeP. *Journal of Alloys and Compounds*, **2010**, 505, L35-L37	5.7	7
90	Spin-glass ordering and absence of valence fluctuations of Eu in EuCu2Si2 single crystals. *Physical Review B*, **2010**, 82,	3.3	9
89	Magnetic properties and hyperfine interactions in EuCu2Ge2 single crystals. *Solid State Communications*, **2010**, 150, 2168-2173	1.6	11
88	Secondary Radiation Field Effects for the CEM Spectra. *Acta Physica Polonica A*, **2010**, 117, 953-961	0.6	
87	Swift iodine ion modification of the structural and magnetotransport properties of Fe/Cr systems. *Nuclear Instruments & Methods in Physics Research B*, **2009**, 267, 925-930	1.2	5
86	Spin- and charge density around Rh impurity in Fe studied by 57Fe Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2009**, 477, 4-7	5.7	8
85	Spin and charge density on iron nuclei in the BCC FeMo alloys studied by 57Fe Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2009**, 482, 23-27	5.7	8
84	Iron(II)-octacyanoniobate(IV) ferromagnet with T(C) 43 K. *Dalton Transactions*, **2009**, 7771-7	4.3	37
83	Charge and spin density on iron nuclei in the BCC FeGa alloys studied by Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2008**, 455, 47-51	5.7	18
82	Hyperfine interactions on iron nuclei in the BCC and fractally decomposed BCC/FCC mixed phase ironGold alloys. *Journal of Alloys and Compounds*, **2008**, 458, 96-103	5.7	14
81	Spin- and charge density oscillations around Ir impurity in Fe studied by 57Fe Mössbauer spectroscopy. *Journal of Alloys and Compounds*, **2008**, 464, 13-17	5.7	6

80	Hyperfine interactions on iron in R2xFe14+2xSi3 (R=Ce, Nd, Gd, Dy, Ho, Er, Lu, Y) compounds studied by Mssbauer spectroscopy. *Journal of Alloys and Compounds*, **2008**, 466, 45-51	5.7	2
79	Spin reorientation in the Er2xFe14+2xSi3 single crystal studied by the Fe57 Mssbauer spectroscopy and magnetic measurements. *Journal of Applied Physics*, **2008**, 103, 123910	2.5	8
78	Structural and magnetic characterization of Fe/Cr/Fe tri-layers and Fe/Cr multilayers after swift Au ion irradiation. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1855-1859	1.6	5
77	Early Design Stage of the MsAa-4 Mssbauer Spectrometer. *Acta Physica Polonica A*, **2008**, 114, 1707-1713	0.6	2
76	Structure and magnetic properties of nanoparticles trapped in a carbon matrix along with the catalytic growth of carbon nanotubes. *Materials Science and Engineering C*, **2007**, 27, 1167-1170	8.3	2
75	Absence of charge fluctuations of europium in metallic single crystals of EuCu2Si2. *Hyperfine Interactions*, **2007**, 169, 1295-1299	0.8	6
74	Interface atomic structure and magnetic anisotropy in ultrathin Fe films grown by thermal deposition and pulsed laser deposition on GaAs(001). *Journal of Applied Physics*, **2007**, 101, 09D110	2.5	10
73	AC magnetic susceptibility under pressure and Mssbauer effect studies of the isotropy point TIP in magnetite. *Journal of Alloys and Compounds*, **2007**, 442, 219-221	5.7	7
72	XAS study of Ru doped n=1, 2 RuddlesdenPopper manganites. *Journal of Alloys and Compounds*, **2007**, 442, 265-267	5.7	6
71	Synchrotron X-ray diffraction study of ErMn2D2. *Journal of Alloys and Compounds*, **2007**, 437, 140-145	5.7	5
70	NMR study of Sm2Co17Hx hydrides. *Journal of Alloys and Compounds*, **2007**, 442, 362-364	5.7	1
69	A mode-of-growth-dependent magneto-optical response from ultrathin Co films on Pd surfaces. *Surface Science*, **2006**, 600, 4180-4184	1.8	2
68	Single-crystalline FeCrFeMgOFe magnetotunnel junctions grown on GaAs(001). *Journal of Applied Physics*, **2006**, 99, 08C908	2.5	2
67	Spin- and charge-density waves around Ru impurities in Fe alloys studied by Fe57 Mssbauer spectroscopy. *Physical Review B*, **2006**, 73,	3.3	10
66	Topology-dependent interface contribution to magneto-optical response from ultrathin Co films grown on the (001), (110), and (111) surfaces of Pd. *Physical Review B*, **2006**, 73,	3.3	20
65	Hyperfine interactions, magnetic, transport and structural properties of La0.67Ca0.33Mn0.9457Fe0.06O3. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2006**, 3, 138-142		3
64	On the strength of the double exchange and superexchange interactions in La0.67Ca0.33Mn1yFeyO3 an NMR and Mssbauer study. *Physica Status Solidi (B): Basic Research*, **2006**, 243, 259-262	1.3	5
63	NMR study of GdFe2Hx hydrides. *Journal of Alloys and Compounds*, **2005**, 404-406, 163-164	5.7	1

62	Influence of niobium impurity on spin density in metallic iron. *Physica Status Solidi (B): Basic Research*, **2005**, 242, 3201-3208	1.3	22
61	Effect of Pd Impurity on Charge and Spin Density in Metallic Iron Studied by Mössbauer Spectroscopy. *Physica Scripta*, **2004**, 70, 368-373	2.6	19
60	Neutron diffraction studies of TbMn2Dx and ErMn2D2. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 585-586	2.8	6
59	Hydrogen induced structural and magnetic transformations in the hexagonal Laves phase ErMn2. *Journal of Alloys and Compounds*, **2004**, 368, 260-268	5.7	13
58	Mössbauer effect studies of Dy[(Fe0.7Co0.3)1−xAlx]2 and Dy[(Fe0.4Co0.6)1−xAlx]2 compounds. *Journal of Alloys and Compounds*, **2004**, 364, 29-36	5.7	3
57	Structural and magnetic transformations in the GdMn2Hx hydrides. *Journal of Magnetism and Magnetic Materials*, **2002**, 238, 129-139	2.8	19
56	Determination of the Debye temperature of the σ phase Fe-Cr alloys. *Physical Review B*, **2002**, 65,	3.3	16
55	High-Pressure/High-Temperature NFS Study of Magnetism in LuFe 2 and ScFe 2. *High Pressure Research*, **2002**, 22, 189-194	1.6	3
54	Structural and magnetic properties of TbMn2Hx hydrides. *Journal of Alloys and Compounds*, **2002**, 335, 48-58	5.7	25
53	Magnetic behaviour in Tm2Fe3Si5. *Journal of Magnetism and Magnetic Materials*, **2001**, 236, 93-98	2.8	1
52	Magnetic ordering in TbMn2D2. *Journal of Physics Condensed Matter*, **2001**, 13, L871-L877	1.8	9
51	Spin-density enhancement in a 119Sn implanted (110)Cr single crystal as evidenced by Mössbauer spectroscopy. *Physical Review B*, **2001**, 63,	3.3	4
50	On the activation energy of the σ phase formation in a pure and Ti-doped Fe–Cr alloy. *Intermetallics* , **2001**, 9, 493-498	3.5	13
49	High-Pressure Mössbauer Studies of Magnetism in ScFe2and Sc0.4Ti0.6Fe2Laves Phases. *Acta Physica Polonica A*, **2001**, 100, 789-797	0.6	3
48	Magnetic structure of as a function of temperature and pressure. *Physica B: Condensed Matter*, **2000**, 291, 317-323	2.8	3
47	161Dy and 57Fe Mössbauer effect studies of Dy[(Fe0.4 Co0.6)1− Mnx]2 intermetallics. *Journal of Alloys and Compounds*, **2000**, 306, 56-65	5.7	1
46	Effect of titanium on the kinetics of the σ phase formation in a small grain Fe–Cr alloy. *Journal of Alloys and Compounds*, **2000**, 308, 189-192	5.7	22
45	On the kinetics of the σ phase transformation in an Al-doped Fe–Cr alloy. *Journal of Alloys and Compounds*, **2000**, 313, 182-187	5.7	15

44	Hydrogen induced structural and magnetic transformation in the SmMn2H2 compound. *Solid State Communications*, **1999**, 111, 519-524	1.6	12
43	Nuclear magnetic resonance (NMR) and magnetic order in Y6Mn23Hx hydrides. *Journal of Magnetism and Magnetic Materials*, **1999**, 204, 176-184	2.8	
42	Magnetic and structural properties of DyMn2H (0≤x≤1.2). *Journal of Alloys and Compounds*, **1999**, 284, 31-41	5.7	19
41	Mixed phase in cubic and hexagonal HoMn2 111Cd PAC and 119Sn, 57Fe Mössbauer studies. *Journal of Magnetism and Magnetic Materials*, **1998**, 177-181, 1083-1084	2.8	
40	Mössbauer effect study of the magnetic ordering in GdMn2Hx. *Journal of Magnetism and Magnetic Materials*, **1998**, 187, 337-344	2.8	8
39	Antiferromagnetic properties in (R = Tb, Dy, Ho). *Journal of Physics Condensed Matter*, **1997**, 9, 6781-6789	1.8	11
38	X-Ray diffraction and 155Gd-Mössbauer effect study of GdMn2Hx (0≤x≤4.3). *Journal of Alloys and Compounds*, **1997**, 261, 47-53	5.7	18
37	Magnetism of hexagonal RMn2: 57Fe Mössbauer studies. *Journal of Magnetism and Magnetic Materials*, **1996**, 157-158, 413-414	2.8	5
36	55Mn nuclear-magnetic-resonance study of the GdMn2 hydrides. *Physical Review B*, **1996**, 54, 14922-14925	3.5	11
35	Mössbauer effect study of the magnetic order in YMn2H. *Journal of Magnetism and Magnetic Materials*, **1995**, 140-144, 807-808	2.8	18
34	Magnetism of DyMn2 and HoMn2 - 57Fe and 119Sn Mössbauer studies. *Journal of Magnetism and Magnetic Materials*, **1995**, 147, 141-148	2.8	9
33	Magnetic study of the hexagonal FeMnP1-xAsx system. *Journal of Magnetism and Magnetic Materials*, **1995**, 147, 201-204	2.8	12
32	Mössbauer spectroscopy of Cr(110)/Fe(110)/Cr(110) sandwiches. *Journal of Magnetism and Magnetic Materials*, **1995**, 145, 57-66	2.8	16
31	Reduced spin-wave parameters in Fe/Cr(110) interfaces. *Journal of Magnetism and Magnetic Materials*, **1995**, 140-144, 1977-1978	2.8	2
30	The 161Dy Mössbauer Spectroscopy of DyIn3. *Physica Status Solidi A*, **1994**, 145, K63-K65		
29	The 161Dy Mössbauer Spectroscopy of DyIn3. *Physica Status Solidi A*, **1994**, 145, K63-K65		1
28	Magnetism of GdMn2-155Gd Mössbauer results. *Journal of Magnetism and Magnetic Materials*, **1993**, 123, L246-L248	2.8	6
27	Mössbauer study of magnetic ordering in GdMn2 and YMn2. *Journal of Magnetism and Magnetic Materials*, **1993**, 119, 150-160	2.8	22

26	Mössbauer studies of C15 RMn2 compounds□critical distance versus critical field model. *Nuclear Instruments & Methods in Physics Research B*, **1993**, 76, 130-131	1.2	3
25	The influence of interstitial N, C and H atoms on the hyperfine fields at the yttrium and cobalt sites in Y2Co17. *Journal of Alloys and Compounds*, **1992**, 182, 331-341	5.7	3
24	Measurements of thermal expansion in YMn2H1. *Solid State Communications*, **1992**, 83, 277-278	1.6	10
23	Mössbauer study of PrBa2(Cu0.99257Fe0.008)3O7□in the aspect of superconductivity absence. *Physica C: Superconductivity and Its Applications*, **1991**, 184, 244-253	1.3	7
22	The influence of interstitial hydrogen, carbon and nitrogen atoms on the yttrium hyperfine field in Y2Fe17 and Y2Co17. *Journal of the Less Common Metals*, **1991**, 171, 101-112		35
21	Mössbauer effect study of Y(57FeMn)2. *Hyperfine Interactions*, **1990**, 54, 671-677	0.8	4
20	The influence of hydrogen on55Mn hyperfine fields in YMn2 hydrides. *Hyperfine Interactions*, **1990**, 59, 353-356	0.8	10
19	Magnetism in Y6Mn23Hx. *Journal of Magnetism and Magnetic Materials*, **1990**, 92, 155-161	2.8	2
18	Magnetic and Magnetostrictive Properties of the Er(FexCu1□)2 Compounds. *Physica Status Solidi A* , **1989**, 114, 361-367		1
17	Mössbauer Effect Study of the Magnetic Order in Th6Mn23Hx*. *Zeitschrift Fur Physikalische Chemie*, **1989**, 163, 669-670	3.1	
16	Magnetic Properties of Gd6Mn23Hx from 155Gd- and 57Fe-Mössbauer Spectroscopy*. *Zeitschrift Fur Physikalische Chemie*, **1989**, 163, 661-668	3.1	5
15	TmCu2Si2, a two-singlet magnetic system?. *Hyperfine Interactions*, **1988**, 40, 433-436	0.8	3
14	Spin reorientation in Er2Fe17□Mnx - Mössbauer effect study. *Hyperfine Interactions*, **1988**, 40, 441-444	0.8	8
13	119Sn Mössbauer Investigation of Cadmium-Tin-Oxide Thin Films. *Physica Status Solidi A*, **1987**, 103, K93-K98		6
12	Mössbauer effect studies of the Dy12Fe82B6 system. *Hyperfine Interactions*, **1986**, 28, 615-618	0.8	
11	Mössbauer effect studies of easy axes of magnetization in Ho6Fe23Dx compounds. *Solid State Communications*, **1985**, 55, 455-457	1.6	8
10	Hyperfine interactions in the magnetic superconductor Y9Co7by Mossbauer effect measurements. *Journal of Physics F: Metal Physics*, **1985**, 15, L121-L127		4
9	Contributions to the 161Dy hyperfine magnetic field in Dy-Fe compounds. *Journal of Magnetism and Magnetic Materials*, **1984**, 44, 223-231	2.8	23

8	The 161Dy and 57Fe Mössbauer studies of the Dy2Fe17−yAly compounds. *Journal of Magnetism and Magnetic Materials*, **1983**, 40, 197-203	2.8	22
7	A Mössbauer effect study of Y(57Fe:Mn)12. *Hyperfine Interactions*, **1983**, 16, 681-684	0.8	3
6	Mössbauer studies of Dy2Fe17−yAly hydrides. *Hyperfine Interactions*, **1983**, 16, 801-804	0.8	5
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