

# Jan Å»ukrowski

## List of Publications by Year in descending order

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168  
papers

2,144  
citations

304368

22  
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360668

35  
g-index

181  
all docs

181  
docs citations

181  
times ranked

2090  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mössbauer effect study of charge and spin transfer in Fe-Cr. Journal of Magnetism and Magnetic Materials, 1981, 23, 214-228.	1.0	162
2	Electrochemical synthesis of magnetic iron oxide nanoparticles with controlled size. Journal of Nanoparticle Research, 2011, 13, 7167-7176.	0.8	102
3	Co <sup>II</sup> and Fe <sup>II</sup> Electron Transfer Channels for Thermal Bistability in Trimetallic {Fe <sub>6</sub> Co <sub>3</sub> [W(CN) <sub>8</sub> ] <sub>6</sub> } Cyanido-Bridged Cluster. Angewandte Chemie - International Edition, 2013, 52, 896-900.	7.2	68
4	Shape of spin density wave versus temperature in $\text{FeAs}$	1.1	52
5	Mössbauer spectroscopy evidence for the lack of iron magnetic moment in superconducting FeSe. Journal of Alloys and Compounds, 2010, 494, 1-4.	2.8	48
6	Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence Fe <sub>9</sub> [W(CN) <sub>8</sub> ] <sub>6</sub> ·xMeOH cluster. Chemical Communications, 2014, 50, 3484.	2.2	41
7	Interplay between magnetism and superconductivity in $\text{FeCo}$	1.1	40
8	Iron(II)-octacyanonitrate(IV) ferromagnet with TC 43 K. Dalton Transactions, 2009, , 7771.	1.6	39
9	The influence of interstitial hydrogen, carbon and nitrogen atoms on the yttrium hyperfine field in Y <sub>2</sub> Fe <sub>17</sub> and Y <sub>2</sub> Co <sub>17</sub> . Journal of the Less Common Metals, 1991, 171, 101-112.	0.9	38
10	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)] <sup>3+</sup> magnetic CN-bridged chain {(H <sub>3</sub> O)[Ni <sup>III</sup> (cyclam)] [Fe <sup>II</sup> (CN) <sub>6</sub> ·5H <sub>2</sub> O] <sub>n</sub> }. Chemical Communications, 2015, 51, 11485-11488.	2.2	38
11	Enhanced hyperthermic properties of biocompatible zinc ferrite nanoparticles with a charged polysaccharide coating. Journal of Materials Chemistry B, 2019, 7, 2962-2973.	2.9	36
12	Phase-decomposition-related short-range ordering in an Fe-Cr alloy. Acta Materialia, 2013, 61, 6207-6212.	3.8	29
13	Structural and magnetic properties of TbMn <sub>2</sub> H <sub>x</sub> hydrides. Journal of Alloys and Compounds, 2002, 335, 48-58.	2.8	28
14	One-Step Synthesis of Long Term Stable Superparamagnetic Colloid of Zinc Ferrite Nanorods in Water. Materials, 2019, 12, 1048.	1.3	28
15	Magnetoresistance in FeCoZr-Al <sub>2</sub> O <sub>3</sub> nanocomposite films containing metal core-oxide shell nanogranules. Journal Physics D: Applied Physics, 2011, 44, 495001.	1.3	27
16	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.	1.3	27
17	Nanocrystalline TiO <sub>2</sub> /SnO <sub>2</sub> heterostructures for gas sensing. Beilstein Journal of Nanotechnology, 2017, 8, 108-122.	1.5	27
18	Magnetic anisotropy and lattice dynamics in FeAs studied by Mössbauer spectroscopy. Journal of Alloys and Compounds, 2014, 582, 167-176.	2.8	25



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37	Sn-BEA zeolites prepared by two-step postsynthesis method: Physicochemical properties and catalytic activity in processes based on MPV reduction. <i>Microporous and Mesoporous Materials</i> , 2018, 268, 178-188.	2.2	19
38	Mössbauer effect study of the magnetic order in YMn <sub>2</sub> H. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 807-808.	1.0	18
39	Determination of the Debye temperature of the $\gamma$ -phase Fe-Cr alloys. <i>Physical Review B</i> , 2002, 65, .	1.1	18
40	Hyperfine interactions on iron nuclei in the BCC and fractally decomposed BCC/FCC mixed phase iron-gold alloys. <i>Journal of Alloys and Compounds</i> , 2008, 458, 96-103.	2.8	18
41	Coexistence of antiferromagnetic ordering and superconductivity in the Ba(Fe <sub>0.961</sub> Rh <sub>0.039</sub> ) <sub>2</sub> As <sub>2</sub> compound studied by Mössbauer spectroscopy. <i>Physical Review B</i> , 2011, 84, .	1.1	18
42	Effect of low Zn doping on the Verwey transition in magnetite single crystals: Mössbauer spectroscopy and x-ray diffraction. <i>Physical Review B</i> , 2018, 98, .	1.1	18
43	Mössbauer spectroscopy of Cr(110)/Fe(110)/Cr(110) sandwiches. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 145, 57-66.	1.0	17
44	On the kinetics of the $\gamma$ -phase transformation in an Al-doped Fe-Cr alloy. <i>Journal of Alloys and Compounds</i> , 2000, 313, 182-187.	2.8	17
45	Structural, magnetic and toxicity studies of ferrite particles employed as contrast agents for magnetic resonance imaging thermometry. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 497, 165981.	1.0	17
46	Magnetic order in Y <sub>6</sub> (57Fe) <sub>23</sub> H <sub>26</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 1981, 25, 77-82.	1.0	15
47	Magnetic order observed in Er <sub>6</sub> Mn <sub>23</sub> H <sub>21</sub> using the Mössbauer effect. <i>Solid State Communications</i> , 1981, 39, 1017-1020.	0.9	15
48	Hydrogen induced structural and magnetic transformations in the hexagonal Laves phase ErMn <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , 2004, 368, 260-268.	2.8	15
49	Magnetic study of the hexagonal FeMn <sub>1-x</sub> As <sub>x</sub> system. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 147, 201-204.	1.0	14
50	Hydrogen induced structural and magnetic transformation in the SmMn <sub>2</sub> H <sub>2</sub> compound. <i>Solid State Communications</i> , 1999, 111, 519-524.	0.9	14
51	On the activation energy of the $\gamma$ -phase formation in a pure and Ti-doped Fe-Cr alloy. <i>Intermetallics</i> , 2001, 9, 493-498.	1.8	14
52	On the peculiar properties of triangular-chain EuCr <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> antiferromagnet. <i>Journal of Solid State Chemistry</i> , 2014, 210, 30-35.	1.4	14
53	Change of Cr atoms distribution in Fe <sub>85</sub> Cr <sub>15</sub> alloy caused by 250keV He <sup>+</sup> ion irradiation to different doses. <i>Journal of Alloys and Compounds</i> , 2015, 624, 165-169.	2.8	12
54	The influence of hydrogen on <sup>55</sup> Mn hyperfine fields in YMn <sub>2</sub> hydrides. <i>Hyperfine Interactions</i> , 1990, 59, 353-356.	0.2	11

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55	Mn55 nuclear-magnetic-resonance study of the GdMn2 hydrides. Physical Review B, 1996, 54, 14922-14925.	1.1	11
56	Antiferromagnetic properties in (R = Tb, Dy, Ho). Journal of Physics Condensed Matter, 1997, 9, 6781-6789.	0.7	11
57	Spin- and charge-density waves around Ru impurities in Fe alloys studied by 57Fe Mössbauer spectroscopy. Physical Review B, 2006, 73, .	1.1	11
58	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.	1.1	11
59	Spin- and charge density around Rh impurity in Fe studied by 57Fe Mössbauer spectroscopy. Journal of Alloys and Compounds, 2009, 477, 4-7.	2.8	11
60	Magnetic properties and hyperfine interactions in EuCu2Ge2 single crystals. Solid State Communications, 2010, 150, 2168-2173.	0.9	11
61	Iron fluorides assisted dehydrogenation and hydrogenation of MgH2 studied by Mössbauer spectroscopy. Journal of Alloys and Compounds, 2011, 509, 5368-5372.	2.8	11
62	Mössbauer study of Eu0.57Ca0.43Fe2As2 and Eu0.73Ca0.27(Fe0.87Co0.13)2As2: A comparison to iron-based superconductors parent compounds EuFe2As2 and CaFe2As2. Journal of Magnetism and Magnetic Materials, 2018, 457, 1-7.	1.0	11
63	Measurements of thermal expansion in YMn2H1. Solid State Communications, 1992, 83, 277-278.	0.9	10
64	Magnetic ordering in TbMn2D2. Journal of Physics Condensed Matter, 2001, 13, L871-L877.	0.7	10
65	Experimental and theoretical study of the f-phase Fe-Re alloys. Materials Chemistry and Physics, 2013, 139, 590-595.	2.0	10
66	Early stage detection of f-f transition in Sn by Mössbauer spectroscopy. Materials Chemistry and Physics, 2016, 182, 10-14.	2.0	10
67	Oxidation controlled phase composition of FeCo(Zr) nanoparticles in CaF2 matrix. Materials Characterization, 2016, 113, 71-81.	1.9	10
68	Mössbauer effect studies of easy axes of magnetization in Ho6Fe23Dx compounds. Solid State Communications, 1985, 55, 455-457.	0.9	9
69	Magnetism of DyMn2 and HoMn2 - 57Fe and 119Sn Mössbauer studies. Journal of Magnetism and Magnetic Materials, 1995, 147, 141-148.	1.0	9
70	Mössbauer effect study of the magnetic ordering in GdMn2Hx. Journal of Magnetism and Magnetic Materials, 1998, 187, 337-344.	1.0	9
71	Spin and charge density on iron nuclei in the BCC Fe-Mo alloys studied by 57Fe Mössbauer spectroscopy. Journal of Alloys and Compounds, 2009, 482, 23-27.	2.8	9
72	Mössbauer and magnetic measurements of superconducting LiFeP. Journal of Alloys and Compounds, 2010, 505, L35-L37.	2.8	9



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91	Structural and magnetic properties of C15 HoMn <sub>2</sub> hydrides. Journal of Alloys and Compounds, 2011, 509, 1347-1354.	2.8	7
92	Thermal analysis of phase transitions in PbZr <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> antiferroelectric single crystals. Journal of Thermal Analysis and Calorimetry, 2017, 128, 713-719.	2.0	7
93	Anomalous lattice dynamics in a <sup>57</sup> Fe-Fe 60 V 40 alloy: Mössbauer spectroscopic study. Journal of Magnetism and Magnetic Materials, 2017, 441, 557-561.	1.0	7
94	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.	1.1	7
95	Hyperfine interactions in the magnetic superconductor Y <sub>9</sub> Co <sub>7</sub> by Mossbauer effect measurements. Journal of Physics F: Metal Physics, 1985, 15, L121-L127.	1.6	6
96	Magnetic Properties of Gd <sub>6</sub> Mn <sub>23</sub> H <sub>x</sub> from <sup>155</sup> Gd- and <sup>57</sup> Fe-Mössbauer Spectroscopy*. Zeitschrift Fur Physikalische Chemie, 1989, 163, 661-668.	1.4	6
97	Magnetism of GdMn <sub>2</sub> - <sup>155</sup> Gd Mössbauer results. Journal of Magnetism and Magnetic Materials, 1993, 123, L246-L248.	1.0	6
98	Neutron diffraction studies of TbMn <sub>2</sub> D <sub>x</sub> and ErMn <sub>2</sub> D <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 585-586.	1.0	6
99	XAS study of Ru doped n=1, 2 Ruddlesden-Popper manganites. Journal of Alloys and Compounds, 2007, 442, 265-267.	2.8	6
100	Absence of charge fluctuations of europium in metallic single crystals of EuCu <sub>2</sub> Si <sub>2</sub> . Hyperfine Interactions, 2007, 169, 1295-1299.	0.2	6
101	Spin- and charge density oscillations around Ir impurity in <sup>57</sup> Fe studied by <sup>57</sup> Fe Mössbauer spectroscopy. Journal of Alloys and Compounds, 2008, 464, 13-17.	2.8	6
102	Magnetism of BaFe <sub>2</sub> Se <sub>3</sub> studied by Mössbauer spectroscopy. Solid State Communications, 2015, 207, 5-8.	0.9	6
103	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.	3.1	6
104	Structural disorder in Li <sub>x</sub> (C <sub>5</sub> H <sub>5</sub> N) <sub>y</sub> Fe <sub>2-z</sub> Se <sub>2</sub> and Cs <sub>x</sub> Fe <sub>2-z</sub> Se <sub>2</sub> superconductors studied by Mössbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 2016, 406, 244-250.	1.0	6
105	Dynamics of Ternary Cu-Fe-S Nanoparticles Stabilized by Organic Ligands. Journal of Physical Chemistry C, 2017, 121, 6977-6985.	1.5	6
106	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.	1.1	6
107	Magnetic field induced structural changes in magnetite observed by resonant x-ray diffraction and Mössbauer spectroscopy. Physical Review B, 2020, 102, .	1.1	6
108	Early Design Stage of the MsAa-4 Mössbauer Spectrometer. Acta Physica Polonica A, 2008, 114, 1707-1713.	0.2	6

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109	The influence of annealing on hyperfine interaction parameters in Fe-Cr. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 655-657.	1.0	5
110	Mössbauer studies of Dy <sub>2</sub> Fe <sub>17</sub> Al <sub>y</sub> hydrides. Hyperfine Interactions, 1983, 16, 801-804.	0.2	5
111	Magnetism of hexagonal RMn <sub>2</sub> : <sup>57</sup> Fe Mössbauer studies. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 413-414.	1.0	5
112	Spin-density enhancement in a <sup>119</sup> Sn implanted (110)Cr single crystal as evidenced by Mössbauer spectroscopy. Physical Review B, 2001, 63, .	1.1	5
113	On the strength of the double exchange and superexchange interactions in La <sub>0.67</sub> Ca <sub>0.33</sub> Mn <sub>1-y</sub> Fe <sub>y</sub> O <sub>3</sub> - an NMR and Mössbauer study. Physica Status Solidi (B): Basic Research, 2006, 243, 259-262.	0.7	5
114	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.	0.8	5
115	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.	0.6	5
116	Mössbauer spectroscopy study of a new layered iron oxyselenide Na <sub>2</sub> Fe <sub>2</sub> Se <sub>2</sub> O. Journal of Alloys and Compounds, 2015, 639, 547-555.	2.8	5
117	Mössbauer spectroscopy study of Al distribution in BaAl <sub>x</sub> Fe <sub>12-x</sub> O <sub>19</sub> thin films. Journal of Applied Physics, 2015, 117, 17A501.	1.1	5
118	High-Pressure Mössbauer Studies of Magnetism in ScFe <sub>2</sub> and Sc <sub>0.4</sub> Ti <sub>0.6</sub> Fe <sub>2</sub> Laves Phases. Acta Physica Polonica A, 2001, 100, 789-797.	0.2	5
119	Mössbauer effect study of Y(FeMn) <sub>2</sub> . Hyperfine Interactions, 1990, 54, 671-677.	0.2	4
120	Magnetic structure of as a function of temperature and pressure. Physica B: Condensed Matter, 2000, 291, 317-323.	1.3	4
121	High-Pressure/High-Temperature NPS Study of Magnetism in LuFe <sub>2</sub> and ScFe <sub>2</sub> . High Pressure Research, 2002, 22, 189-194.	0.4	4
122	Spin- and charge density perturbations and short-range order in Fe-Cu and Fe-Zn BCC alloys: A Mössbauer study. Journal of Physics and Chemistry of Solids, 2011, 72, 1537-1542.	1.9	4
123	Influence of hydrogen on structural and magnetic properties of the hexagonal Laves phase HoMn <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 2012, 324, 735-741.	1.0	4
124	Electric quadrupole interaction in cubic BCC $\hat{\pm}$ -Fe. Journal of Alloys and Compounds, 2016, 673, 420-425.	2.8	4
125	Mössbauer spectroscopic study of a <sup>57</sup> Fe-Fe <sub>65.9</sub> V <sub>34.1</sub> alloy: Curie and Debye temperatures. Journal of Alloys and Compounds, 2016, 663, 540-544.	2.8	4
126	Mössbauer-effect study of dynamic, magnetic, and electronic properties of C14 Laves phase Nb <sub>0.975</sub> Fe <sub>2.025</sub> . Journal of Applied Physics, 2018, 123, 223902.	1.1	4

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127	On the miscibility gap at 800 K in the Fe-Cr alloy system. <i>Materials Research Express</i> , 2019, 6, 026568.	0.8	4
128	Mössbauer spectroscopic study of $^{57}\text{Fe}$ -Fe <sub>68</sub> V <sub>32</sub> compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 502, 166567.	1.0	4
129	A New Look at Molecular and Electronic Structure of Homoleptic Diiron(II,II) Complexes with $\text{N}_2$ -Bidentate Ligands: Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
130	A Mössbauer effect study of $\text{Y}(\text{Fe}_{57}\text{Mn}_{12})_{12}$ . <i>Hyperfine Interactions</i> , 1983, 16, 681-684.	0.2	3
131	TmCu <sub>2</sub> Si <sub>2</sub> , a two-singlet magnetic system?. <i>Hyperfine Interactions</i> , 1988, 40, 433-436.	0.2	3
132	Magnetism in $\text{Y}_6\text{Mn}_{23}\text{Hx}$ . <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 92, 155-161.	1.0	3
133	The influence of interstitial N, C and H atoms on the hyperfine fields at the yttrium and cobalt sites in $\text{Y}_2\text{Co}_{17}$ . <i>Journal of Alloys and Compounds</i> , 1992, 182, 331-341.	2.8	3
134	Mössbauer studies of $\text{C}_{15}\text{RMn}_2$ compounds – critical distance versus critical field model. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1993, 76, 130-131.	0.6	3
135	Mössbauer effect studies of $\text{Dy}[(\text{Fe}_{0.7}\text{Co}_{0.3})_{1-x}\text{Al}_x]_2$ and $\text{Dy}[(\text{Fe}_{0.4}\text{Co}_{0.6})_{1-x}\text{Al}_x]_2$ compounds. <i>Journal of Alloys and Compounds</i> , 2004, 364, 29-36.	2.8	3
136	Hyperfine interactions, magnetic, transport and structural properties of $\text{La}_{0.67}\text{Ca}_{0.33}\text{Mn}_{0.9457}\text{Fe}_{0.0603}$ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 138-142.	0.8	3
137	Effect of magnetism on lattice dynamics in metallic chromium. <i>Europhysics Letters</i> , 2021, 133, 36002.	0.7	3
138	$^{57}\text{Fe}$ and $^{151}\text{Eu}$ Mössbauer studies of 3d-4f spin interplay in $\text{EuFe}_{2-x}\text{Ni}_x\text{As}_2$ . <i>Scientific Reports</i> , 2021, 11, 11484.	1.6	3
139	Reduced spin-wave parameters in Fe/Cr(110) interfaces. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 1977-1978.	1.0	2
140	A mode-of-growth-dependent magneto-optical response from ultrathin Co films on Pd surfaces. <i>Surface Science</i> , 2006, 600, 4180-4184.	0.8	2
141	Single-crystalline $\text{Fe}^{\text{II}}\text{Cr}^{\text{III}}\text{Fe}^{\text{II}}\text{MgO}^{\text{II}}\text{Fe}$ magnetotunnel junctions grown on GaAs(001). <i>Journal of Applied Physics</i> , 2006, 99, 08C908.	1.1	2
142	Structure and magnetic properties of nanoparticles trapped in a carbon matrix along with the catalytic growth of carbon nanotubes. <i>Materials Science and Engineering C</i> , 2007, 27, 1167-1170.	3.8	2
143	Hyperfine interactions on iron in $\text{R}_2\text{Fe}_{14+2x}\text{Si}_3$ (R=Ce, Nd, Gd, Dy, Ho, Er, Lu, Y) compounds studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2008, 466, 45-51.	2.8	2
144	Structural and magnetic transformations in $\text{NdMn}_2\text{Hx}$ hydrides. <i>Journal of Alloys and Compounds</i> , 2012, 525, 175-183.	2.8	2

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145	Peculiarities of antiferroelectric phase transitions in PbZr <sub>0.71</sub> Sn <sub>0.29</sub> O <sub>3</sub> crystal investigated by MÅ»ssbauer effect. Physica Status Solidi (B): Basic Research, 2017, 254, 1700137.	0.7	2
146	Magnetic field controlled C <sub>60</sub> -TEMPO catalyst for the oxidation of alcohols. New Journal of Chemistry, 2020, 44, 1971-1978.	1.4	2
147	MÅ»ssbauer studies of spin and charge modulations in BaFe <sub>2</sub> (As <sub>1-x</sub> Px) <sub>2</sub> . Physical Review B, 2021, 103, .	1.1	2
148	Magnetic and Magnetostrictive Properties of the Er(Fe <sub>x</sub> Cu <sub>1-x</sub> ) <sub>2</sub> Compounds. Physica Status Solidi A, 1989, 114, 361-367.	1.7	1
149	<sup>161</sup> Dy and <sup>57</sup> Fe MÅ»ssbauer effect studies of Dy[(Fe <sub>0.4</sub> Co <sub>0.6</sub> ) <sub>1-x</sub> Mnx] <sub>2</sub> intermetallics. Journal of Alloys and Compounds, 2000, 306, 56-65.	2.8	1
150	Magnetic behaviour in Tm <sub>2</sub> Fe <sub>3</sub> Si <sub>5</sub> . Journal of Magnetism and Magnetic Materials, 2001, 236, 93-98.	1.0	1
151	NMR study of GdFe <sub>2</sub> H <sub>x</sub> hydrides. Journal of Alloys and Compounds, 2005, 404-406, 163-164.	2.8	1
152	NMR study of Sm <sub>2</sub> Co <sub>17</sub> H <sub>x</sub> hydrides. Journal of Alloys and Compounds, 2007, 442, 362-364.	2.8	1
153	Unusual dynamics of Fe atoms in a chromium matrix. Journal of Physics Condensed Matter, 2010, 22, 435403.	0.7	1
154	Magnetic structure studies of ternary borides Er <sub>2-x</sub> Ce <sub>x</sub> Fe <sub>14</sub> B. Journal of Magnetism and Magnetic Materials, 2011, 323, 2968-2972.	1.0	1
155	Analysis of heat capacity and MÅ»ssbauer data for LuZnSn <sub>2</sub> compound. Nukleonika, 2015, 60, 97-101.	0.3	1
156	Effect of 2 MeV Fe <sup>3+</sup> irradiation on Fe atom population in a $\beta'$ -phase Fe-Cr. Materials Letters, 2017, 196, 20-22.	1.3	1
157	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.	1.5	1
158	Revealing magnetic component in crystalline Fe-gluconate. Journal of Magnetism and Magnetic Materials, 2020, 507, 166815.	1.0	1
159	MÅ»ssbauer effect studies of the Dy <sub>12</sub> Fe <sub>82</sub> B <sub>6</sub> system. Hyperfine Interactions, 1986, 28, 615-618.	0.2	0
160	MÅ»ssbauer Effect Study of the Magnetic Order in Th <sub>6</sub> Mn <sub>23</sub> H <sub>x</sub> *. Zeitschrift Fur Physikalische Chemie, 1989, 163, 669-670.	1.4	0
161	Mixed phase in cubic and hexagonal HoMn <sub>2</sub> <sup>111</sup> Cd PAC and <sup>119</sup> Sn, <sup>57</sup> Fe MÅ»ssbauer studies. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1083-1084.	1.0	0
162	Nuclear magnetic resonance (NMR) and magnetic order in Y <sub>6</sub> Mn <sub>23</sub> H <sub>x</sub> hydrides. Journal of Magnetism and Magnetic Materials, 1999, 204, 176-184.	1.0	0

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163	Design of the MsAa-4 Moÿssbauer Spectrometer. , 2008, , .		0
164	A Mÿssbauer effect study of single crystals of the non-superconducting parent compound Fe <sub>1.09</sub> Te and the superconductor FeSe <sub>0.4</sub> Te <sub>0.6</sub> . Journal of Physics Condensed Matter, 2013, 25, 416008.	0.7	0
165	Mÿssbauer and heat capacity studies of ErZnSn <sub>2</sub> . Nukleonika, 2017, 62, 129-133.	0.3	0
166	Secondary Radiation Field Effects for the CEM Spectra. Acta Physica Polonica A, 2010, 117, 953-961.	0.2	0
167	MÿSSBAUER STUDIES OF IRON-BASED SUPERCONDUCTORS. , 2017, , .		0
168	Further evidence on the effect of magnetism on lattice vibrations: The case study of sigma-phase Fe <sub>0.525</sub> Cr <sub>0.455</sub> Ni <sub>0.020</sub> alloy. Journal of Magnetism and Magnetic Materials, 2022, 552, 169208.	1.0	0