

Jan Zukrowski

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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
169	Mössbauer effect study of charge and spin transfer in Fe-Cr. <i>Journal of Magnetism and Magnetic Materials</i> , 1981 , 23, 214-228	2.8	151
168	Electrochemical synthesis of magnetic iron oxide nanoparticles with controlled size. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 7167-7176	2.3	89
167	Co-NC-W and Fe-NC-W electron-transfer channels for thermal bistability in trimetallic {Fe ₆ Co ₃ [W(CN) ₈] ₆ } cyanido-bridged cluster. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 896-900	16.4	56
166	Shape of spin density wave versus temperature in AFe ₂ As ₂ (A = Ca, Ba, Eu): A Mössbauer study. <i>Physical Review B</i> , 2011 , 83,	3.3	49
165	Mössbauer spectroscopy evidence for the lack of iron magnetic moment in superconducting FeSe. <i>Journal of Alloys and Compounds</i> , 2010 , 494, 1-4	5.7	42
164	Iron(II)-octacyanonitrate(IV) ferromagnet with T(C) 43 K. <i>Dalton Transactions</i> , 2009 , 7771-7	4.3	37
163	The influence of interstitial hydrogen, carbon and nitrogen atoms on the yttrium hyperfine field in Y ₂ Fe ₁₇ and Y ₂ Co ₁₇ . <i>Journal of the Less Common Metals</i> , 1991 , 171, 101-112		35
162	Interplay between magnetism and superconductivity in EuFe _{2-x} Co _x As ₂ studied by ⁵⁷ Fe and ¹⁵¹ Eu Mössbauer spectroscopy. <i>Physical Review B</i> , 2011 , 84,	3.3	34
161	Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence Fe ₉ [W(CN) ₈] ₆ ·xMeOH cluster. <i>Chemical Communications</i> , 2014 , 50, 3484-7	5.8	33
160	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)](3+)-magnetic CN-bridged chain {(H ₃ O)[Ni(III)(cyclam)][Fe(II)(CN) ₆] _n ·nH ₂ O}. <i>Chemical Communications</i> , 2015 , 51, 11485-8	5.8	32
159	Magnetoresistance in FeCoZrAl ₂ O ₃ nanocomposite films containing metal core oxide shell nanogranules. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 495001	3	25
158	Structural and magnetic properties of TbMn ₂ H _x hydrides. <i>Journal of Alloys and Compounds</i> , 2002 , 335, 48-58	5.7	25
157	Phase-decomposition-related short-range ordering in an Fe ₃ Cr alloy. <i>Acta Materialia</i> , 2013 , 61, 6207-6212	28.4	24
156	Contributions to the ¹⁶¹ Dy hyperfine magnetic field in Dy-Fe compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1984 , 44, 223-231	2.8	23
155	Nanocrystalline TiO/SnO heterostructures for gas sensing. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 108-122	3	22
154	Magnetic anisotropy and lattice dynamics in FeAs studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2014 , 582, 167-176	5.7	22
153	Influence of niobium impurity on spin density in metallic iron. <i>Physica Status Solidi (B): Basic Research</i> , 2005 , 242, 3201-3208	1.3	22

152	Effect of titanium on the kinetics of the ϵ phase formation in a small grain FeCr alloy. <i>Journal of Alloys and Compounds</i> , 2000 , 308, 189-192	5.7	22
151	Mössbauer study of magnetic ordering in GdMn ₂ and YMn ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 119, 150-160	2.8	22
150	The ¹⁶¹ Dy and ⁵⁷ Fe Mössbauer studies of the Dy ₂ Fe ₁₇ Al ₃ compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1983 , 40, 197-203	2.8	22
149	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. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 25221-25229	3.6	21
148	Enhanced hyperthermic properties of biocompatible zinc ferrite nanoparticles with a charged polysaccharide coating. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2962-2973	7.3	20
147	Topology-dependent interface contribution to magneto-optical response from ultrathin Co films grown on the (001), (110), and (111) surfaces of Pd. <i>Physical Review B</i> , 2006 , 73,	3.3	20
146	Effect of Pd Impurity on Charge and Spin Density in Metallic Iron Studied by Mössbauer Spectroscopy. <i>Physica Scripta</i> , 2004 , 70, 368-373	2.6	19
145	Structural and magnetic transformations in the GdMn ₂ H _x hydrides. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 238, 129-139	2.8	19
144	Magnetic and structural properties of DyMn ₂ H (001.2). <i>Journal of Alloys and Compounds</i> , 1999 , 284, 31-41	5.7	19
143	Non-injection synthesis of monodisperse Cu-Fe-S nanocrystals and their size dependent properties. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 15091-101	3.6	19
142	X-Ray diffraction and ¹⁵⁵ Gd-Mössbauer effect study of GdMn ₂ H _x (001.3). <i>Journal of Alloys and Compounds</i> , 1997 , 261, 47-53	5.7	18
141	Charge and spin density on iron nuclei in the BCC FeCr alloys studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2008 , 455, 47-51	5.7	18
140	Mössbauer effect study of the magnetic order in YMn ₂ H. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 807-808	2.8	18
139	Co ^{II} /W and Fe ^{II} /W Electron-Transfer Channels for Thermal Bistability in Trimetallic {Fe ₆ Co ₃ [W(CN) ₈] ₆ } Cyanido-Bridged Cluster. <i>Angewandte Chemie</i> , 2013 , 125, 930-934	3.6	17
138	One-Step Synthesis of Long Term Stable Superparamagnetic Colloid of Zinc Ferrite Nanorods in Water. <i>Materials</i> , 2019 , 12,	3.5	16
137	Correlation between local Fe states and magnetoresistivity in granular films containing FeCoZr nanoparticles embedded into oxygen-free dielectric matrix. <i>Journal of Alloys and Compounds</i> , 2014 , 586, S432-S435	5.7	16
136	Understanding the Mössbauer spectrum of magnetite below the Verwey transition: Ab initio calculations, simulation, and experiment. <i>Physical Review B</i> , 2017 , 96,	3.3	16
135	Growth-induced non-planar magnetic anisotropy in FeCoZr-CaF ₂ nanogranular films: Structural and magnetic characterization. <i>Journal of Applied Physics</i> , 2014 , 116, 044301	2.5	16

134	Coexistence of antiferromagnetic ordering and superconductivity in the Ba(Fe _{0.961} Rh _{0.039}) ₂ As ₂ compound studied by Mössbauer spectroscopy. <i>Physical Review B</i> , 2011 , 84,	3-3	16
133	Determination of the Debye temperature of the ϵ phase Fe-Cr alloys. <i>Physical Review B</i> , 2002 , 65,	3-3	16
132	Mössbauer spectroscopy of Cr(110)/Fe(110)/Cr(110) sandwiches. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 145, 57-66	2.8	16
131	On the kinetics of the ϵ phase transformation in an Al-doped Fe ₃ C alloy. <i>Journal of Alloys and Compounds</i> , 2000 , 313, 182-187	5-7	15
130	Zinc doped copper ferrite particles as temperature sensors for magnetic resonance imaging. <i>AIP Advances</i> , 2017 , 7, 056703	1.5	14
129	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	5-7	14
128	Magnetic order in Y ₆ (57Fe) ₂₃ H ₂₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 1981 , 25, 77-82	2.8	14
127	Magnetic order observed in Er ₆ Mn ₂₃ H ₂₁ using the Mössbauer effect. <i>Solid State Communications</i> , 1981 , 39, 1017-1020	1.6	14
126	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,	3-3	14
125	Fe-rich border and activation energy of phase decomposition in a Fe ₃ C alloy. <i>Materials Chemistry and Physics</i> , 2013 , 141, 18-21	4.4	13
124	Hydrogen induced structural and magnetic transformations in the hexagonal Laves phase ErMn ₂ . <i>Journal of Alloys and Compounds</i> , 2004 , 368, 260-268	5-7	13
123	On the activation energy of the ϵ phase formation in a pure and Ti-doped Fe ₃ C alloy. <i>Intermetallics</i> , 2001 , 9, 493-498	3-5	13
122	Development of Ferrite-Based Temperature Sensors for Magnetic Resonance Imaging: A Study of CuZnFeO. <i>Physical Review Applied</i> , 2018 , 9,	4-3	13
121	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	5-3	12
120	On the peculiar properties of triangular-chain EuCr ₃ (BO ₃) ₄ antiferromagnet. <i>Journal of Solid State Chemistry</i> , 2014 , 210, 30-35	3-3	12
119	Hydrogen induced structural and magnetic transformation in the SmMn ₂ H ₂ compound. <i>Solid State Communications</i> , 1999 , 111, 519-524	1.6	12
118	Magnetic study of the hexagonal FeMnP _{1-x} As _x system. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 147, 201-204	2.8	12
117	Iron fluorides assisted dehydrogenation and hydrogenation of MgH ₂ studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5368-5372	5-7	11

116	Magnetic properties and hyperfine interactions in EuCu ₂ Ge ₂ single crystals. <i>Solid State Communications</i> , 2010 , 150, 2168-2173	1.6	11
115	Antiferromagnetic properties in (R = Tb, Dy, Ho). <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 6781-6789	2.8	11
114	⁵⁵ Mn nuclear-magnetic-resonance study of the GdMn ₂ hydrides. <i>Physical Review B</i> , 1996 , 54, 14922-14935	3.5	11
113	Experimental and theoretical study of the β phase FeBe alloys. <i>Materials Chemistry and Physics</i> , 2013 , 139, 590-595	4.4	10
112	Spin- and charge-density waves around Ru impurities in Be alloys studied by Fe ⁵⁷ Mössbauer spectroscopy. <i>Physical Review B</i> , 2006 , 73,	3.3	10
111	Interface atomic structure and magnetic anisotropy in ultrathin Fe films grown by thermal deposition and pulsed laser deposition on GaAs(001). <i>Journal of Applied Physics</i> , 2007 , 101, 09D110	2.5	10
110	Measurements of thermal expansion in YMn ₂ H ₁ . <i>Solid State Communications</i> , 1992 , 83, 277-278	1.6	10
109	The influence of hydrogen on ⁵⁵ Mn hyperfine fields in YMn ₂ hydrides. <i>Hyperfine Interactions</i> , 1990 , 59, 353-356	0.8	10
108	Phase separation and magnetic order in the Tl _{0.75} K _{0.25} Fe _{1.86} Se ₂ superconductor studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2013 , 549, 288-294	5.7	9
107	Spin-glass ordering and absence of valence fluctuations of Eu in EuCu ₂ Si ₂ single crystals. <i>Physical Review B</i> , 2010 , 82,	3.3	9
106	Magnetic ordering in TbMn ₂ D ₂ . <i>Journal of Physics Condensed Matter</i> , 2001 , 13, L871-L877	1.8	9
105	Magnetism of DyMn ₂ and HoMn ₂ - ⁵⁷ Fe and ¹¹⁹ Sn Mössbauer studies. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 147, 141-148	2.8	9
104	Interplay Between Spin Density Wave and Superconductivity in '122' Iron Pnictides: ⁵⁷ Fe Mössbauer Study. <i>Acta Physica Polonica A</i> , 2012 , 121, 726-729	0.6	9
103	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	2.8	9
102	Mössbauer study of Eu _{0.57} Ca _{0.43} Fe ₂ As ₂ and Eu _{0.73} Ca _{0.27} (Fe _{0.87} Co _{0.13}) ₂ As ₂ : A comparison to β -iron-based superconductors parent compounds EuFe ₂ As ₂ and CaFe ₂ As ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 457, 1-7	2.8	8
101	Spin- and charge density around Rh impurity in Fe studied by ⁵⁷ Fe Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2009 , 477, 4-7	5.7	8
100	Spin and charge density on iron nuclei in the BCC FeMo alloys studied by ⁵⁷ Fe Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2009 , 482, 23-27	5.7	8
99	Mössbauer effect study of the magnetic ordering in GdMn ₂ H _x . <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 187, 337-344	2.8	8

98	Spin reorientation in the $\text{Er}_2\text{Fe}_{14+2x}\text{Si}_3$ single crystal studied by the ^{57}Fe Mössbauer spectroscopy and magnetic measurements. <i>Journal of Applied Physics</i> , 2008 , 103, 123910	2.5	8
97	Spin reorientation in $\text{Er}_2\text{Fe}_{17-x}\text{Mn}_x$ - Mössbauer effect study. <i>Hyperfine Interactions</i> , 1988 , 40, 441-444	0.8	8
96	Mössbauer effect studies of easy axes of magnetization in $\text{Ho}_6\text{Fe}_{23}\text{D}_x$ compounds. <i>Solid State Communications</i> , 1985 , 55, 455-457	1.6	8
95	^{169}Tm Mössbauer Study of TmCu_2Si_2 1982 , 319-325		8
94	Mössbauer studies of the peculiar magnetism in parent compounds of the iron-based superconductors. <i>Philosophical Magazine</i> , 2015 , 95, 493-502	1.6	7
93	Change of Cr atoms distribution in $\text{Fe}_{85}\text{Cr}_{15}$ alloy caused by 250keV He ⁺ ion irradiation to different doses. <i>Journal of Alloys and Compounds</i> , 2015 , 624, 165-169	5.7	7
92	Early stage detection of β -transition in Sn by Mössbauer spectroscopy. <i>Materials Chemistry and Physics</i> , 2016 , 182, 10-14	4.4	7
91	Mössbauer and magnetic measurements of superconducting LiFeP . <i>Journal of Alloys and Compounds</i> , 2010 , 505, L35-L37	5.7	7
90	AC magnetic susceptibility under pressure and Mössbauer effect studies of the isotropy point TIP in magnetite. <i>Journal of Alloys and Compounds</i> , 2007 , 442, 219-221	5.7	7
89	Mössbauer study of $\text{PrBa}_2(\text{Cu}_{0.99257}\text{Fe}_{0.008})_3\text{O}_{7-n}$ in the aspect of superconductivity absence. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 184, 244-253	1.3	7
88	Phase decomposition at 402 °C in an Fe-Cr alloy: Mössbauer spectroscopic study. <i>Materials Characterization</i> , 2017 , 129, 282-287	3.9	6
87	The influence of the atomic scale interface roughness on the GMR effect in Fe/Cr multilayers. <i>Journal of Alloys and Compounds</i> , 2020 , 824, 153877	5.7	6
86	Mössbauer studies of β -phase transition in Sn-rich solder alloys. <i>Microelectronics Reliability</i> , 2018 , 82, 165-170	1.2	6
85	Oxidation controlled phase composition of $\text{FeCo}(\text{Zr})$ nanoparticles in CaF_2 matrix. <i>Materials Characterization</i> , 2016 , 113, 71-81	3.9	6
84	Spin- and charge density oscillations around Ir impurity in $\beta\text{-Fe}$ studied by ^{57}Fe Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2008 , 464, 13-17	5.7	6
83	Absence of charge fluctuations of europium in metallic single crystals of EuCu_2Si_2 . <i>Hyperfine Interactions</i> , 2007 , 169, 1295-1299	0.8	6
82	XAS study of Ru doped $n=1, 2$ Ruddlesden-Popper manganites. <i>Journal of Alloys and Compounds</i> , 2007 , 442, 265-267	5.7	6
81	Neutron diffraction studies of TbMn_2D_x and ErMn_2D_2 . <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 585-586	2.8	6

80	Magnetism of GdMn ₂ -155Gd Mössbauer results. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 123, L246-L248	2.8	6
79	¹¹⁹ Sn Mössbauer Investigation of Cadmium-Tin-Oxide Thin Films. <i>Physica Status Solidi A</i> , 1987 , 103, K93-K98		6
78	Thermal analysis of phase transitions in PbZr _{1-x} Sn _x O ₃ antiferroelectric single crystals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 713-719	4.1	5
77	Dynamics of Ternary CuFeB ₂ Nanoparticles Stabilized by Organic Ligands. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 6977-6985	3.8	5
76	Distribution of Cr atoms in the surface zone of Fe-rich Fe/Cr alloys quenched into various media: Mössbauer spectroscopic study. <i>Applied Surface Science</i> , 2015 , 359, 526-532	6.7	5
75	Structural disorder in Li _x (C ₅ H ₅ N) _y Fe _{2-x} Se ₂ and Cs _x Fe _{2-x} Se ₂ superconductors studied by Mössbauer spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 406, 244-250	2.8	5
74	Distribution of Cr atoms in a strained and strain-relaxed Fe _{89.15} Cr _{10.75} alloy: a Mössbauer effect study. <i>Philosophical Magazine Letters</i> , 2017 , 97, 386-392	1	5
73	Magnetism of BaFe ₂ Se ₃ studied by Mössbauer spectroscopy. <i>Solid State Communications</i> , 2015 , 207, 5-8	1.6	5
72	Swift iodine ion modification of the structural and magnetotransport properties of Fe/Cr systems. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 925-930	1.2	5
71	Structural and magnetic characterization of Fe/Cr/Fe tri-layers and Fe/Cr multilayers after swift Au ion irradiation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008 , 205, 1855-1859	1.6	5
70	Synchrotron X-ray diffraction study of ErMn ₂ D ₂ . <i>Journal of Alloys and Compounds</i> , 2007 , 437, 140-145	5.7	5
69	On the strength of the double exchange and superexchange interactions in La _{0.67} Ca _{0.33} Mn _{1-x} FeyO ₃ by NMR and Mössbauer study. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 259-262	1.3	5
68	Magnetism of hexagonal RMn ₂ : ⁵⁷ Fe Mössbauer studies. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 157-158, 413-414	2.8	5
67	Magnetic Properties of Gd ₆ Mn ₂₃ H _x from ¹⁵⁵ Gd- and ⁵⁷ Fe-Mössbauer Spectroscopy*. <i>Zeitschrift Fur Physikalische Chemie</i> , 1989 , 163, 661-668	3.1	5
66	The influence of annealing on hyperfine interaction parameters in Fe-Cr. <i>Journal of Magnetism and Magnetic Materials</i> , 1980 , 15-18, 655-657	2.8	5
65	Mössbauer studies of Dy ₂ Fe _{17-x} Al _y hydrides. <i>Hyperfine Interactions</i> , 1983 , 16, 801-804	0.8	5
64	Mössbauer spectroscopy study of a new layered iron oxyselenide Na ₂ Fe ₂ Se ₂ O. <i>Journal of Alloys and Compounds</i> , 2015 , 639, 547-555	5.7	4
63	Mössbauer spectroscopy study of Al distribution in BaAl _x Fe _{12-x} O ₁₉ thin films. <i>Journal of Applied Physics</i> , 2015 , 117, 17A501	2.5	4

62	Mössbauer spectroscopic study of a Fe _{65.9} V _{34.1} alloy: Curie and Debye temperatures. <i>Journal of Alloys and Compounds</i> , 2016 , 663, 540-544	5.7	4
61	Mössbauer-effect study of dynamic, magnetic, and electronic properties of C14 Laves phase Nb _{0.975} Fe _{2.025} . <i>Journal of Applied Physics</i> , 2018 , 123, 223902	2.5	4
60	A Mössbauer effect study of single crystals of the non-superconducting parent compound Fe _{1.09} Te and the superconductor FeSe _{0.4} Te _{0.6} . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 416008	1.8	4
59	Structural and magnetic properties of C15 HoMn ₂ hydrides. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 1347-1354	5.7	4
58	Spin-density enhancement in a ¹¹⁹ Sn implanted (110)Cr single crystal as evidenced by Mössbauer spectroscopy. <i>Physical Review B</i> , 2001 , 63,	3.3	4
57	Mössbauer effect study of Y(Fe ₅₇ Mn) ₂ . <i>Hyperfine Interactions</i> , 1990 , 54, 671-677	0.8	4
56	Hyperfine interactions in the magnetic superconductor Y ₉ Co ₇ by Mossbauer effect measurements. <i>Journal of Physics F: Metal Physics</i> , 1985 , 15, L121-L127		4
55	Gradient of zinc content in core-shell zinc ferrite nanoparticles - precise study on composition and magnetic properties. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 23473-23484	3.6	4
54	Anomalous lattice dynamics in a Fe ₆₀ V ₄₀ alloy: Mössbauer spectroscopic study. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 441, 557-561	2.8	3
53	Mössbauer spectroscopic study of Fe ₆₈ V ₃₂ compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 502, 166567	2.8	3
52	Electric quadrupole interaction in cubic BCC Fe. <i>Journal of Alloys and Compounds</i> , 2016 , 673, 420-425	5.7	3
51	Kinetics of phase separation, border of miscibility gap in FeCr and limit of Cr solubility in iron at 832 K. <i>Materials Characterization</i> , 2019 , 158, 109937	3.9	3
50	Influence of hydrogen on structural and magnetic properties of the hexagonal Laves phase HoMn ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 735-741	2.8	3
49	Hyperfine interactions, magnetic, transport and structural properties of La _{0.67} Ca _{0.33} Mn _{0.945} Fe _{0.06} O ₃ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006 , 3, 138-142		3
48	Mössbauer effect studies of Dy[(Fe _{0.7} Co _{0.3}) _{1-x} Al _x] ₂ and Dy[(Fe _{0.4} Co _{0.6}) _{1-x} Al _x] ₂ compounds. <i>Journal of Alloys and Compounds</i> , 2004 , 364, 29-36	5.7	3
47	High-Pressure/High-Temperature NFS Study of Magnetism in LuFe ₂ and ScFe ₂ . <i>High Pressure Research</i> , 2002 , 22, 189-194	1.6	3
46	Magnetic structure of as a function of temperature and pressure. <i>Physica B: Condensed Matter</i> , 2000 , 291, 317-323	2.8	3
45	The influence of interstitial N, C and H atoms on the hyperfine fields at the yttrium and cobalt sites in Y ₂ Co ₁₇ . <i>Journal of Alloys and Compounds</i> , 1992 , 182, 331-341	5.7	3

44	Mössbauer studies of C15 RMn ₂ compounds – critical distance versus critical field model. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993 , 76, 130-131	1.2	3
43	TmCu ₂ Si ₂ , a two-singlet magnetic system?. <i>Hyperfine Interactions</i> , 1988 , 40, 433-436	0.8	3
42	A Mössbauer effect study of Y(57Fe:Mn) ₁₂ . <i>Hyperfine Interactions</i> , 1983 , 16, 681-684	0.8	3
41	High-Pressure Mössbauer Studies of Magnetism in ScFe ₂ and Sc _{0.4} Ti _{0.6} Fe ₂ Laves Phases. <i>Acta Physica Polonica A</i> , 2001 , 100, 789-797	0.6	3
40	Magnetic field induced structural changes in magnetite observed by resonant x-ray diffraction and Mössbauer spectroscopy. <i>Physical Review B</i> , 2020 , 102,	3.3	3
39	Effect of Thermal Treatment at Inert Atmosphere on Structural and Magnetic Properties of Non-stoichiometric Zinc Ferrite Nanoparticles. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021 , 52, 1632-1648	2.3	3
38	One-Step Preparation of Highly Stable Copper-Zinc Ferrite Nanoparticles in Water Suitable for MRI Thermometry.. <i>Chemistry of Materials</i> , 2022 , 34, 4001-4018	9.6	3
37	Peculiarities of antiferroelectric phase transitions in PbZr _{0.71} Sn _{0.29} O ₃ crystal investigated by Mössbauer effect. <i>Physica Status Solidi (B): Basic Research</i> , 2017 , 254, 1700137	1.3	2
36	Spin- and charge density perturbations and short-range order in Fe _{1-x} Ti _x and Fe _{1-x} N _x BCC alloys: A Mössbauer study. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 1537-1542	3.9	2
35	Hyperfine interactions on iron in R _{2-x} Fe _{14+2x} 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	5.7	2
34	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	8.3	2
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