# Jan Å»ukrowski

List of Publications by Year
in descending order

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| 168 | 2,144 | 304368 | 360668 |
|---|---|---|---|
| papers | citations | 22 h-index | 35 g-index |

| 181 | 181 | 181 | 2090 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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. | 1.0 | 0 |
| 2 | A New Look at Molecular and Electronic Structure of Homoleptic Diiron(II,II) Complexes with N,Nâ€Bidentate Ligands: Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2022, 28, . | 1.7 | 4 |
| 3 | One-Step Preparation of Highly Stable Copperâ€“Zinc Ferrite Nanoparticles in Water Suitable for MRI Thermometry. Chemistry of Materials, 2022, 34, 4001-4018. | 3.2 | 9 |
| 4 | MÃ¶ssbauer studies of spin and charge modulations in BaFe2(As1âˆ’xPx)2. Physical Review B, 2021, 103, . | 1.1 | 2 |
| 5 | Effect of magnetism on lattice dynamics in metallic chromium. Europhysics Letters, 2021, 133, 36002. | 0.7 | 3 |
| 6 | 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 |
| 7 | 57Fe and 151Eu MÃ¶ssbauer studies of 3d-4f spin interplay in EuFe2âˆ’xNixAs2. Scientific Reports, 2021, 11, 11484. | 1.6 | 3 |
| 8 | Iron diffusivity into superconducting YBa2Cu3O7âˆ’ at oxygen-assisted sintering: structural, magnetic, and transport properties. Journal of the European Ceramic Society, 2021, 41, 7085-7097. | 2.8 | 9 |
| 9 | 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. | 1.0 | 17 |
| 10 | 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 |
| 11 | Magnetic field induced structural changes in magnetite observed by resonant x-ray diffraction and MÃ¶ssbauer spectroscopy. Physical Review B, 2020, 102, . | 1.1 | 6 |
| 12 | Revealing magnetic component in crystalline Fe-gluconate. Journal of Magnetism and Magnetic Materials, 2020, 507, 166815. | 1.0 | 1 |
| 13 | The influence of the atomic scale interface roughness on the GMR effect in Fe/Cr multilayers. Journal of Alloys and Compounds, 2020, 824, 153877. | 2.8 | 8 |
| 14 | MÃ¶ssbauer spectroscopic study of Ïƒ-Fe68V32 compound. Journal of Magnetism and Magnetic Materials, 2020, 502, 166567. | 1.0 | 4 |
| 15 | Kinetics of phase separation, border of miscibility gap in Feâ€“Cr and limit of Cr solubility in iron at 832â€¯K. Materials Characterization, 2019, 158, 109937. | 1.9 | 9 |
| 16 | One-Step Synthesis of Long Term Stable Superparamagnetic Colloid of Zinc Ferrite Nanorods in Water. Materials, 2019, 12, 1048. | 1.3 | 28 |
| 17 | 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 |
| 18 | Gradient of zinc content in coreâ€“shell zinc ferrite nanoparticles â€“ precise study on composition and magnetic properties. Physical Chemistry Chemical Physics, 2019, 21, 23473-23484. | 1.3 | 9 |

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| 19 | On the miscibility gap at 800 K in the Fe-Cr alloy system. Materials Research Express, 2019, 6, 026568. | 0.8 | 4 |
| 20 | MÃ¶ssbauer study of Eu0.57Ca0.43Fe2As2 and Eu0.73Ca0.27(Fe0.87Co0.13)2As2: A comparison to â€˜122â€™ iron-based superconductors parent compounds EuFe2As2 and CaFe2As2. Journal of Magnetism and Magnetic Materials, 2018, 457, 1-7. | 1.0 | 11 |
| 21 | MÃ¶ssbauer studies of Î²â€²â†’Î± phase transition in Sn-rich solder alloys. Microelectronics Reliability, 2018, 82, 165-170. | 0.9 | 8 |
| 22 | 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. | 2.2 | 19 |
| 23 | Effect of low Zn doping on the Verwey transition in magnetite single crystals: MÃ¶ssbauer spectroscopy and x-ray diffraction. Physical Review B, 2018, 98, . | 1.1 | 18 |
| 24 | Development of Ferrite-Based Temperature Sensors for Magnetic Resonance Imaging: A Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mm | 1.5 | 20 |
| | Physical Review Applied, 2018, 9, . | | |
| 25 | Effect of 0.25 and 2.0ÂMeV 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 |
| 26 | MÃ¶ssbauer-effect study of dynamic, magnetic, and electronic properties of C14 Laves phase Nb0.975Fe2.025. Journal of Applied Physics, 2018, 123, 223902. | 1.1 | 4 |
| 27 | Zinc doped copper ferrite particles as temperature sensors for magnetic resonance imaging. AIP Advances, 2017, 7, . | 0.6 | 20 |
| 28 | Effect of 2 MeV Fe3+ irradiation on Fe atom population in a Ïƒ-phase Fe-Cr. Materials Letters, 2017, 196, 20-22. | 1.3 | 1 |
| 29 | Thermal analysis of phase transitions in PbZr1âˆ’xSnxO3 antiferroelectric single crystals. Journal of Thermal Analysis and Calorimetry, 2017, 128, 713-719. | 2.0 | 7 |
| 30 | Phase decomposition at 402 Â°C in an Fe-Cr alloy: MÃ¶ssbauer spectroscopic study. Materials Characterization, 2017, 129, 282-287. | 1.9 | 9 |
| 31 | Pecularities of antiferroelectric phase transitions in PbZr0.71 Sn0.29 O3 crystal investigated by MÃ¶ssbauer effect. Physica Status Solidi (B): Basic Research, 2017, 254, 1700137. | 0.7 | 2 |
| 32 | Anomalous lattice dynamics in a Ïƒ-Fe 60 V 40 alloy: MÃ¶ssbauer spectroscopic study. Journal of Magnetism and Magnetic Materials, 2017, 441, 557-561. | 1.0 | 7 |
| 33 | Dynamics of Ternary Cuâ€“Feâ€“S<sub>2</sub> Nanoparticles Stabilized by Organic Ligands. Journal of Physical Chemistry C, 2017, 121, 6977-6985. | 1.5 | 6 |
| 34 | 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 |
| 35 | Distribution of Cr atoms in a strained and strain-relaxed Fe<sub>89.15</sub>Cr<sub>10.75</sub> alloy: a MÃ¶ssbauer effect study. Philosophical Magazine Letters, 2017, 97, 386-392. | 0.5 | 8 |
| 36 | Understanding the MÃ¶ssbauer spectrum of magnetite below the Verwey transition: Ab initio calculations, simulation, and experiment. Physical Review B, 2017, 96, . | 1.1 | 19 |

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| 37 | MÃ¶ssbauer and heat capacity studies of ErZnSn2. Nukleonika, 2017, 62, 129-133. | 0.3 | 0 |
| 38 | Nanocrystalline TiO<sub>2</sub>/SnO<sub>2</sub> heterostructures for gas sensing. Beilstein Journal of Nanotechnology, 2017, 8, 108-122. | 1.5 | 27 |
| 39 | MÃ–SSBAUER STUDIES OF IRON-BASED SUPERCONDUCTORS. , 2017, , . | | 0 |
| 40 | Non-injection synthesis of monodisperse Cuâ€“Feâ€“S nanocrystals and their size dependent properties. Physical Chemistry Chemical Physics, 2016, 18, 15091-15101. | 1.3 | 23 |
| 41 | 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 |
| 42 | Early stage detection of Î²â†'Î± transition in Sn by MÃ¶ssbauer spectroscopy. Materials Chemistry and Physics, 2016, 182, 10-14. | 2.0 | 10 |
| 43 | Electric quadrupole interaction in cubic BCC Î±-Fe. Journal of Alloys and Compounds, 2016, 673, 420-425. | 2.8 | 4 |
| 44 | Oxidation controlled phase composition of FeCo(Zr) nanoparticles in CaF2 matrix. Materials Characterization, 2016, 113, 71-81. | 1.9 | 10 |
| 45 | MÃ¶ssbauer spectroscopic study of a Ïƒ-Fe65.9V34.1 alloy: Curie and Debye temperatures. Journal of Alloys and Compounds, 2016, 663, 540-544. | 2.8 | 4 |
| 46 | Structural disorder in Lix(C5H5N)yFe2â^'zSe2 and CsxFe2â^'zSe2 superconductors studied by MÃ¶ssbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 2016, 406, 244-250. | 1.0 | 6 |
| 47 | Analysis of heat capacity and MÃ¶ssbauer data for LuZnSn2 compound. Nukleonika, 2015, 60, 97-101. | 0.3 | 1 |
| 48 | Magnetism of BaFe2Se3 studied by MÃ¶ssbauer spectroscopy. Solid State Communications, 2015, 207, 5-8. | 0.9 | 6 |
| 49 | Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)]<sup>3+</sup> â€“ magnetic CN-bridged chain {(H<sub>3</sub>O)[Ni<sup>III</sup>(cyclam)][Fe<sup>II</sup>(CN)<sub>6</sub>]Â·5H<sub>2</sub>O}<sub>n</sub>. Chemical Communications, 2015, 51, 11485-11488. | 6.2 | 38 |
| 50 | MÃ¶ssbauer spectroscopy study of a new layered iron oxyselenide Na2Fe2Se2O. Journal of Alloys and Compounds, 2015, 639, 547-555. | 2.8 | 5 |
| 51 | MÃ¶ssbauer spectroscopy study of Al distribution in BaAlxFe12â^'xO19 thin films. Journal of Applied Physics, 2015, 117, 17A501. | 1.1 | 5 |
| 52 | MÃ¶ssbauer studies of the peculiar magnetism in parent compounds of the iron-based superconductors. Philosophical Magazine, 2015, 95, 493-502. | 0.7 | 9 |
| 53 | Distribution of Cr atoms in the surface zone of Fe-rich Feâ€“Cr alloys quenched into various media: MÃ¶ssbauer spectroscopic study. Applied Surface Science, 2015, 359, 526-532. | 3.1 | 6 |
| 54 | 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. | 2.8 | 12 |

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| 55 | Growth-induced non-planar magnetic anisotropy in FeCoZr-CaF2 nanogranular films: Structural and magnetic characterization. Journal of Applied Physics, 2014, 116, . | 1.1 | 22 |
| 56 | On the peculiar properties of triangular-chain EuCr3(BO3)4 antiferromagnet. Journal of Solid State Chemistry, 2014, 210, 30-35. | 1.4 | 14 |
| 57 | Magnetic anisotropy and lattice dynamics in FeAs studied by MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2014, 582, 167-176. | 2.8 | 25 |
| 58 | 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. | 2.8 | 23 |
| 59 | Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence Fe9[W(CN)8]6Â·xMeOH cluster. Chemical Communications, 2014, 50, 3484. | 2.2 | 41 |
| 60 | Fe-rich border and activation energy of phase decomposition in a Feâ€“Cr alloy. Materials Chemistry and Physics, 2013, 141, 18-21. | 2.0 | 20 |
| 61 | A MÃ¶ssbauer 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. | 0.7 | 0 |
| 62 | Phase separation and magnetic order in the Tl0.75K0.25Fe1.86Se2 superconductor studied by MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2013, 549, 288-294. | 2.8 | 9 |
| 63 | Coâ€“NCâ€“W and Feâ€“NCâ€“W Electronâ€Transfer Channels for Thermal Bistability in Trimetallic {Fe<sub>6</sub>Co<sub>3</sub>[W(CN)<sub>8</sub>]<sub>6</sub>} Cyanidoâ€Bridged Cluster. Angewandte Chemie - International Edition, 2013, 52, 896-900. | 7.2 | 68 |
| 64 | Experimental and theoretical study of the Ï*f*-phase Feâ€“Re alloys. Materials Chemistry and Physics, 2013, 139, 590-595. | 2.0 | 10 |
| 65 | Phase-decomposition-related short-range ordering in an Feâ€“Cr alloy. Acta Materialia, 2013, 61, 6207-6212. | 3.8 | 29 |
| 66 | Structural and magnetic transformations in NdMn2Hx hydrides. Journal of Alloys and Compounds, 2012, 525, 175-183. | 2.8 | 2 |
| 67 | Influence of hydrogen on structural and magnetic properties of the hexagonal Laves phase HoMn2. Journal of Magnetism and Magnetic Materials, 2012, 324, 735-741. | 1.0 | 4 |
| 68 | Interplay Between Spin Density Wave and Superconductivity in '122' Iron Pnictides:<sup>57</sup>Fe MÃ¶ssbauer Study. Acta Physica Polonica A, 2012, 121, 726-729. | 0.2 | 9 |
| 69 | Coexistence of antiferromagnetic ordering and superconductivity in the Ba(Fe0.961Rh0.039)2As2compound studied by MÃ¶ssbauer spectroscopy. Physical Review B, 2011, 84, . | 1.1 | 18 |
| 70 | Structural and magnetic properties of C15 HoMn2 hydrides. Journal of Alloys and Compounds, 2011, 509, 1347-1354. | 2.8 | 7 |
| 71 | Iron fluorides assisted dehydrogenation and hydrogenation of MgH2 studied by MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2011, 509, 5368-5372. | 2.8 | 11 |
| 72 | Magnetic structure studies of ternary borides Er2â^'xCexFe14B. Journal of Magnetism and Magnetic Materials, 2011, 323, 2968-2972. | 1.0 | 1 |

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| 73 | Spin- and charge density perturbations and short-range order in Feâ€“Cu and Feâ€“Zn BCC alloys: A MÃ¶ssbauer study. Journal of Physics and Chemistry of Solids, 2011, 72, 1537-1542. | 1.9 | 4 |
| 74 | Electrochemical synthesis of magnetic iron oxide nanoparticles with controlled size. Journal of Nanoparticle Research, 2011, 13, 7167-7176. | 0.8 | 102 |
| 75 | Magnetoresistance in FeCoZrâ€“Al2O3nanocomposite films containing â€˜metal coreâ€“oxide shellâ€™ nanogranules. Journal Physics D: Applied Physics, 2011, 44, 495001. | 1.3 | 27 |
| 76 | Interplay between magnetism and superconductivity in EuFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math> | 1.1 | 40 |
| 77 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi></mml:mrow></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>As<mml:math | 1.1 | 52 |
| 78 | Magnetic properties and hyperfine interactions in EuCu2Ge2 single crystals. Solid State Communications, 2010, 150, 2168-2173. | 0.9 | 11 |
| 79 | Unusual dynamics of Fe atoms in a chromium matrix. Journal of Physics Condensed Matter, 2010, 22, 435403. | 0.7 | 1 |
| 80 | MÃ¶ssbauer spectroscopy evidence for the lack of iron magnetic moment in superconducting FeSe. Journal of Alloys and Compounds, 2010, 494, 1-4. | 2.8 | 48 |
| 81 | MÃ¶ssbauer and magnetic measurements of superconducting LiFeP. Journal of Alloys and Compounds, 2010, 505, L35-L37. | 2.8 | 9 |
| 82 | Spin-glass ordering and absence of valence fluctuations of Eu in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuCu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m crystals. Physical Review B, 2010, 82, . | 1.1 | 9 |
| 83 | Secondary Radiation Field Effects for the CEM Spectra. Acta Physica Polonica A, 2010, 117, 953-961. | 0.2 | 0 |
| 84 | 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 |
| 85 | Spin- and charge density around Rh impurity in Î±-Fe studied by 57Fe MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2009, 477, 4-7. | 2.8 | 11 |
| 86 | Spin and charge density on iron nuclei in the BCC Feâ€“Mo alloys studied by 57Fe MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2009, 482, 23-27. | 2.8 | 9 |
| 87 | Iron(II)-octacyanoniobate(IV) ferromagnet with TC 43 K. Dalton Transactions, 2009, , 7771. | 1.6 | 39 |
| 88 | 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 |
| 89 | Charge and spin density on iron nuclei in the BCC Feâ€“Ga alloys studied by MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2008, 455, 47-51. | 2.8 | 20 |
| 90 | Hyperfine interactions on iron nuclei in the BCC and fractally decomposed BCC/FCC mixed phase ironâ€“gold alloys. Journal of Alloys and Compounds, 2008, 458, 96-103. | 2.8 | 18 |

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| 91 | Spin- and charge density oscillations around Ir impurity in Î±-Fe studied by 57Fe MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2008, 464, 13-17. | 2.8 | 6 |
| 92 | Hyperfine interactions on iron in R2â^'xFe14+2xSi3 (R=Ce, Nd, Gd, Dy, Ho, Er, Lu, Y) compounds studied by MÃ¶ssbauer spectroscopy. Journal of Alloys and Compounds, 2008, 466, 45-51. | 2.8 | 2 |
| 93 | Design of the MsAa-4 Moì^ssbauer Spectrometer. , 2008, , . | | 0 |
| 94 | Spin reorientation in the Er2â^'xFe14+2xSi3 single crystal studied by the Fe57 MÃ¶ssbauer spectroscopy and magnetic measurements. Journal of Applied Physics, 2008, 103, 123910. | 1.1 | 8 |
| 95 | Early Design Stage of the MsAa-4 MÃ¶ssbauer Spectrometer. Acta Physica Polonica A, 2008, 114, 1707-1713. | 0.2 | 6 |
| 96 | 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 |
| 97 | AC magnetic susceptibility under pressure and MÃ¶ssbauer effect studies of the isotropy point TIP in magnetite. Journal of Alloys and Compounds, 2007, 442, 219-221. | 2.8 | 7 |
| 98 | XAS study of Ru doped n=1, 2 Ruddlesdenâ€“Popper manganites. Journal of Alloys and Compounds, 2007, 442, 265-267. | 2.8 | 6 |
| 99 | Synchrotron X-ray diffraction study of ErMn2D2. Journal of Alloys and Compounds, 2007, 437, 140-145. | 2.8 | 8 |
| 100 | NMR study of Sm2Co17Hx hydrides. Journal of Alloys and Compounds, 2007, 442, 362-364. | 2.8 | 1 |
| 101 | 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. | 3.8 | 2 |
| 102 | Absence of charge fluctuations of europium in metallic single crystals of EuCu2Si2. Hyperfine Interactions, 2007, 169, 1295-1299. | 0.2 | 6 |
| 103 | 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, . | 1.1 | 21 |
| 104 | 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. | 0.8 | 3 |
| 105 | On the strength of the double exchange and superexchange interactions in La0.67Ca0.33Mn1-yFeyO3 - an NMR and MÃ¶ssbauer study. Physica Status Solidi (B): Basic Research, 2006, 243, 259-262. | 0.7 | 5 |
| 106 | A mode-of-growth-dependent magneto-optical response from ultrathin Co films on Pd surfaces. Surface Science, 2006, 600, 4180-4184. | 0.8 | 2 |
| 107 | Single-crystalline Feâ^•Crâ^•Feâ^•MgOâ^•Fe magnetotunnel junctions grown on GaAs(001). Journal of Applied Physics, 2006, 99, 08C908. | 1.1 | 2 |
| 108 | Spin- and charge-density waves around Ru impurities inÎ±â^'Fealloys studied byFe57MÃ¶ssbauer spectroscopy. Physical Review B, 2006, 73, . | 1.1 | 11 |

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| 109 | Influence of niobium impurity on spin density in metallic iron. Physica Status Solidi (B): Basic Research, 2005, 242, 3201-3208. | 0.7 | 23 |
| 110 | NMR study of GdFe2Hx hydrides. Journal of Alloys and Compounds, 2005, 404-406, 163-164. | 2.8 | 1 |
| 111 | Effect of Pd Impurity on Charge and Spin Density in Metallic Iron Studied by MÃ¶ssbauer Spectroscopy. Physica Scripta, 2004, 70, 368-373. | 1.2 | 20 |
| 112 | Neutron diffraction studies of TbMn2Dx and ErMn2D2. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 585-586. | 1.0 | 6 |
| 113 | Hydrogen induced structural and magnetic transformations in the hexagonal Laves phase ErMn2. Journal of Alloys and Compounds, 2004, 368, 260-268. | 2.8 | 15 |
| 114 | MÃ¶ssbauer effect studies of Dy[(Fe0.7Co0.3)1â^'xAlx]2 and Dy[(Fe0.4Co0.6)1â^'xAlx]2 compounds. Journal of Alloys and Compounds, 2004, 364, 29-36. | 2.8 | 3 |
| 115 | Determination of the Debye temperature of theÏ*f*-phase Fe-Cr alloys. Physical Review B, 2002, 65, . | 1.1 | 18 |
| 116 | High-Pressure/High-Temperature NFS Study of Magnetism in LuFe 2 and ScFe 2. High Pressure Research, 2002, 22, 189-194. | 0.4 | 4 |
| 117 | Structural and magnetic properties of TbMn2Hx hydrides. Journal of Alloys and Compounds, 2002, 335, 48-58. | 2.8 | 28 |
| 118 | Structural and magnetic transformations in the GdMn2Hx hydrides. Journal of Magnetism and Magnetic Materials, 2002, 238, 129-139. | 1.0 | 22 |
| 119 | On the activation energy of the Ï*f*-phase formation in a pure and Ti-doped Feâ€“Cr alloy. Intermetallics, 2001, 9, 493-498. | 1.8 | 14 |
| 120 | Magnetic behaviour in Tm2Fe3Si5. Journal of Magnetism and Magnetic Materials, 2001, 236, 93-98. | 1.0 | 1 |
| 121 | Magnetic ordering in TbMn2D2. Journal of Physics Condensed Matter, 2001, 13, L871-L877. | 0.7 | 10 |
| 122 | Spin-density enhancement in a119Snimplanted (110)Cr single crystal as evidenced by MÃ¶ssbauer spectroscopy. Physical Review B, 2001, 63, . | 1.1 | 5 |
| 123 | High-Pressure MÃ¶ssbauer 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 |
| 124 | Magnetic structure of as a function of temperature and pressure. Physica B: Condensed Matter, 2000, 291, 317-323. | 1.3 | 4 |
| 125 | 161Dy and 57Fe MÃ¶ssbauer effect studies of Dy[(Fe0.4 Co0.6)1â^'x Mnx]2 intermetallics. Journal of Alloys and Compounds, 2000, 306, 56-65. | 2.8 | 1 |
| 126 | Effect of titanium on the kinetics of the Ï*f*-phase formation in a small grain Feâ€“Cr alloy. Journal of Alloys and Compounds, 2000, 308, 189-192. | 2.8 | 22 |

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| 127 | On the kinetics of the Î±â€“Ïƒ phase transformation in an Al-doped Feâ€“Cr alloy. Journal of Alloys and Compounds, 2000, 313, 182-187. | 2.8 | 17 |
| 128 | Hydrogen induced structural and magnetic transformation in the SmMn2H2 compound. Solid State Communications, 1999, 111, 519-524. | 0.9 | 14 |
| 129 | Nuclear magnetic resonance (NMR) and magnetic order in Y6Mn23Hx hydrides. Journal of Magnetism and Magnetic Materials, 1999, 204, 176-184. | 1.0 | 0 |
| 130 | Magnetic and structural properties of DyMn2H (0â‰¤xâ‰¤4.2). Journal of Alloys and Compounds, 1999, 284, 31-41. | 2.8 | 21 |
| 131 | Mixed phase in cubic and hexagonal HoMn2 111Cd PAC and 119Sn, 57Fe MÃ¶ssbauer studies. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1083-1084. | 1.0 | 0 |
| 132 | MÃ¶ssbauer effect study of the magnetic ordering in GdMn2Hx. Journal of Magnetism and Magnetic Materials, 1998, 187, 337-344. | 1.0 | 9 |
| 133 | Antiferromagnetic properties in (R = Tb, Dy, Ho). Journal of Physics Condensed Matter, 1997, 9, 6781-6789. | 0.7 | 11 |
| 134 | X-Ray diffraction and 155Gd-MÃ¶ssbauer effect study of GdMn2Hx (0â‰¤xâ‰¤4.3). Journal of Alloys and Compounds, 1997, 261, 47-53. | 2.8 | 20 |
| 135 | Magnetism of hexagonal RMn2: 57Fe MÃ¶ssbauer studies. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 413-414. | 1.0 | 5 |
| 136 | Mn55nuclear-magnetic-resonance study of the GdMn2hydrides. Physical Review B, 1996, 54, 14922-14925. | 1.1 | 11 |
| 137 | MÃ¶ssbauer effect study of the magnetic order in YMn2H. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 807-808. | 1.0 | 18 |
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