

Johan Linden

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114
papers

1,281
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18
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g-index

124
ext. papers

1,363
ext. citations

3
avg, IF

3.71
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 114 | Evidence for valence fluctuation of Fe in Sr ₂ FeMoO ₆ double perovskite. <i>Applied Physics Letters</i> , 2000 , 76, 2925-2927 | 3.4 | 180 |
| 113 | Verwey transition in mixed-valence TbBaFe ₂ O ₅ : Two attempts to order charges. <i>Physical Review B</i> , 2001 , 64, | 3.3 | 67 |
| 112 | Valence-state mixing and separation in SmBaFe ₂ O ₅ . <i>Physical Review B</i> , 1999 , 60, 15251-15260 | 3.3 | 55 |
| 111 | Simple and Efficient Route to Prepare Homogeneous Samples of Sr ₂ FeMoO ₆ with a High Degree of Fe/Mo Order. <i>Chemistry of Materials</i> , 2004 , 16, 4337-4342 | 9.6 | 51 |
| 110 | Observation of Mössbauer resonance line splitting caused by Rabi oscillations. <i>Physical Review Letters</i> , 1992 , 69, 2815-2818 | 7.4 | 46 |
| 109 | Observation of antiphase boundaries in Sr ₂ FeMoO ₆ . <i>Physical Review B</i> , 2003 , 68, | 3.3 | 45 |
| 108 | Novel methods of synthesis and wet-chemical redox analysis for magnetoresistive double-perovskite Sr ₂ FeMoO ₆ . <i>Journal of Materials Chemistry</i> , 2000 , 10, 2342-2345 | | 41 |
| 107 | Iron and molybdenum valences in double-perovskite (Sr,Nd) ₂ FeMoO ₆ : electron-doping effect. <i>Solid State Communications</i> , 2004 , 129, 129-133 | 1.6 | 37 |
| 106 | Magnetic properties of fine SFMO particles: Superparamagnetism. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 309, 278-284 | 2.8 | 36 |
| 105 | Iron valence in double-perovskite (Ba,Sr,Ca) ₂ FeMoO ₆ : isovalent substitution effect. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 2655-2662 | 3.3 | 34 |
| 104 | Isomerization of Pinene Oxide Over Iron-Modified Zeolites. <i>Topics in Catalysis</i> , 2013 , 56, 696-713 | 2.3 | 30 |
| 103 | Control of Fe valence state and magnetoresistance by means of T=Ta and W substitution in Sr ₂ Fe(Mo _{1-x} Tx)O ₆ . <i>Physical Review B</i> , 2002 , 66, | 3.3 | 30 |
| 102 | Valence State of Iron in the Sr ₂ Fe(Mo,W,Ta)O ₆ Double-Perovskite System: an Fe K-edge and L _{2,3} -edge XANES Study. <i>Chemistry of Materials</i> , 2003 , 15, 4118-4121 | 9.6 | 29 |
| 101 | Interplay between Cu and Fe Valences in BaR(Cu _{0.5} Fe _{0.5}) ₂ O ₅ Double Perovskites with R=Lu, Yb, Y, Eu, Sm, Nd, and Pr. <i>Journal of Solid State Chemistry</i> , 2002 , 166, 118-127 | 3.3 | 24 |
| 100 | Observation of lattice softening at . <i>Solid State Communications</i> , 2011 , 151, 130-134 | 1.6 | 22 |
| 99 | Structural, magnetic and spectroscopic investigations of europium oxychloride, EuOCl. <i>Journal of Alloys and Compounds</i> , 2004 , 380, 296-302 | 5.7 | 22 |
| 98 | Structural aspects of Pr _{1-x} Sr _x FeO ₃ . <i>Journal of Solid State Chemistry</i> , 2003 , 173, 148-163 | 3.3 | 19 |

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|----|---|-----|----|
| 97 | Layered (Cu,Fe) oxides of double perovskite structure. II. Extension of solid solubility of copper in (Ba,La)Y(Cu _{0.5} +xFe _{0.5}) ₂ O ₅ +□ via high-pressure heat treatment. <i>Physical Review B</i> , 1999 , 59, 1377-1382 | 3.3 | 19 |
| 96 | Layered (Cu,Fe) oxides of double perovskite structure: Correlation between structural and magnetic-property changes in BaY(Cu _{0.5} Fe _{0.5}) ₂ O ₅ +□ upon high-pressure heat treatment. <i>Physical Review B</i> , 1998 , 58, 3371-3376 | 3.3 | 18 |
| 95 | Sol-gel synthesis and characterization of superconducting (Y _{1-x} Eu _x)Ba ₂ (Cu _{1-y} 57Fe _y) ₄ O ₈ samples. <i>Journal of Alloys and Compounds</i> , 1995 , 225, 586-590 | 5.7 | 18 |
| 94 | Characterization of superconducting Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _{4+2n} phases with 57Fe Mössbauer spectroscopy. <i>Physical Review B</i> , 1990 , 42, 4212-4218 | 3.3 | 18 |
| 93 | Coexistence of intrinsic and extrinsic magnetoresistance in the double-perovskite Sr ₂ Fe(Mo _{1-x} W _x)O ₆ system. <i>Applied Physics Letters</i> , 2001 , 78, 2736-2738 | 3.4 | 17 |
| 92 | Mössbauer-NMR double resonance. <i>Physical Review B</i> , 1995 , 52, 10268-10277 | 3.3 | 15 |
| 91 | Europium-based high-temperature superconductors studied by x-ray diffraction and 151Eu Mössbauer spectroscopy. <i>Physical Review B</i> , 1992 , 46, 8534-8541 | 3.3 | 15 |
| 90 | Iron substitution effects in YBa ₂ Cu ₄ O ₈ synthesized by the sol-gel technique. <i>Superconductor Science and Technology</i> , 1995 , 8, 79-84 | 3.1 | 14 |
| 89 | Opening of monoterpene epoxide to a potent anti-Parkinson compound of para-menthane structure over heterogeneous catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013 , 110, 449-458 | 1.6 | 13 |
| 88 | A57Fe Mössbauer Study of REBa ₂ Fe ₃ O ₈ +w Triple Perovskites with Varied Oxygen Content (RE=Dy, Er, and Y). <i>Journal of Solid State Chemistry</i> , 1998 , 139, 168-175 | 3.3 | 13 |
| 87 | Substitution of Co ³⁺ in YBa ₂ Fe ₃ O ₈ . <i>Journal of Solid State Chemistry</i> , 2003 , 172, 73-80 | 3.3 | 13 |
| 86 | Magnetoresistance effect in the fluctuating-valence BaSmFe ₂ O ₅ +w system. <i>Applied Physics Letters</i> , 2000 , 77, 1683-1685 | 3.4 | 13 |
| 85 | EuBaFe ₂ O ₅ : Extent of charge ordering by Mössbauer spectroscopy and high-intensity high-resolution powder diffraction. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 138-147 | 3.3 | 12 |
| 84 | Magnetic properties and structural characterization of iron oxide nanoparticles formed by Streptococcus suis Dpr and four mutants. <i>Journal of Biological Inorganic Chemistry</i> , 2011 , 16, 799-807 | 3.7 | 11 |
| 83 | Large low-field magnetoresistance effect in Sr ₂ FeMoO ₆ homocomposites. <i>Applied Physics Letters</i> , 2005 , 86, 072510 | 3.4 | 11 |
| 82 | Partial Oxygen Ordering in Cubic Perovskite REBa ₂ Fe ₃ O ₈ +w (RE=Gd, Eu, Sm, Nd). <i>Journal of Solid State Chemistry</i> , 1999 , 144, 398-404 | 3.3 | 11 |
| 81 | Europium substitution effects in superconducting YBa ₂ Cu ₄ O ₈ synthesized under one atmosphere oxygen pressure. <i>Physical Review B</i> , 1994 , 50, 4154-4158 | 3.3 | 11 |
| 80 | Iron mixed-valence compounds, BaSm(Cu _{0.5} +xFe _{0.5}) ₂ O ₅ +□ <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 338, 121-125 | 1.3 | 10 |

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| 79 | A ⁵⁷ Fe Mössbauer Study of the Cubic Perovskite-Type Phase LaBa ₂ Fe ₃ O _{8+w} (0.20). <i>Journal of Solid State Chemistry</i> , 1998 , 138, 87-97 | 3.3 | 9 |
| 78 | Hackmanite – The Natural Glow-in-the-Dark Material. <i>Chemistry of Materials</i> , 2020 , 32, 8895-8905 | 9.6 | 9 |
| 77 | NdBaFe ₂ O _{5+w} and steric effect of Nd on valence mixing and ordering of Fe. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2703-2713 | 3.3 | 8 |
| 76 | Effect of LiF addition on the formation of the superconducting YBa ₂ Cu ₄ O ₈ phase. <i>Journal of Materials Chemistry</i> , 1995 , 5, 875-878 | | 8 |
| 75 | Solvent-free green amidation of stearic acid for synthesis of biologically active alkylamides over iron supported heterogeneous catalysts. <i>Applied Catalysis A: General</i> , 2017 , 542, 350-358 | 5.1 | 7 |
| 74 | Synthesis of carbon nanotubes on Fe _x O _y doped Al ₂ O ₃ /ZrO ₂ nanopowder. <i>Powder Technology</i> , 2014 , 266, 106-112 | 5.2 | 7 |
| 73 | A ⁵⁷ Fe Mössbauer study on the FeSe and Fe(Se,Te) superconductors: discontinuities in the hyperfine parameters at T _c . <i>Hyperfine Interactions</i> , 2012 , 208, 133-136 | 0.8 | 7 |
| 72 | Evolution of the hyperfine parameters of Fe in superconducting LiFeAs as observed by ⁵⁷ Fe Mössbauer spectroscopy. <i>Solid State Communications</i> , 2010 , 150, 1525-1528 | 1.6 | 7 |
| 71 | Investigations of the system by Mössbauer resonance and x-ray diffraction. <i>Superconductor Science and Technology</i> , 1996 , 9, 399-404 | 3.1 | 7 |
| 70 | : Valence mixing and charge ordering are two separate cooperative phenomena. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 148-157 | 3.3 | 7 |
| 69 | Exploring the Verwey-Type Transition in GdBaFe ₂ O _{5+w} Using ⁵⁷ Fe Mössbauer Spectroscopy. <i>Hyperfine Interactions</i> , 2004 , 156/157, 321-325 | 0.8 | 7 |
| 68 | Structural and magnetic properties of MSr ₂ Y _{1.5} Ce _{0.5} Cu ₂ O _z (M-1222) compounds with M=Fe and Co. <i>Journal of Applied Physics</i> , 2004 , 95, 6690-6692 | 2.5 | 7 |
| 67 | Intermixing of Fe at Cu(1)-chain and Cu(2)-plane sites in FeSr ₂ YCu ₂ O _{7.30} system: A neutron diffraction and Mössbauer spectroscopic study. <i>Physica B: Condensed Matter</i> , 2002 , 312-313, 62-64 | 2.8 | 7 |
| 66 | Magnetoresistance peak in the vicinity of the charge disproportionation/ordering transition in the R ₁ /3Sr ₂ /3FeO ₃ (R=La, Pr) perovskite. <i>Solid State Communications</i> , 2001 , 119, 159-162 | 1.6 | 7 |
| 65 | Studies of hyperfine interactions in RBa ₂ (Cu _{1-x} 57Fex) ₃ O ₇ -high-T _c superconductors. <i>Hyperfine Interactions</i> , 1990 , 55, 1399-1403 | 0.8 | 7 |
| 64 | A ⁵⁷ Fe Mössbauer study of FeTe _{1-x} S _x . <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 329, 129-132 | 2.8 | 6 |
| 63 | Magnetic properties of spinel oxides, InFeMO ₄ (M=Mg, Co and Ni). <i>Solid State Communications</i> , 2007 , 144, 249-254 | 1.6 | 6 |
| 62 | Transport and magnetotransport properties across the two-step Verwey transition in BaGdFe ₂ O _{5+w} . <i>Physical Review B</i> , 2006 , 73, | 3.3 | 6 |

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| 61 | Precise determination of the hyperfine parameters of europium in multiferroite perovskites by ^{151}Eu Mössbauer spectroscopy. <i>Physical Review B</i> , 1994 , 49, 15280-15286 | 3.3 | 6 |
| 60 | Evolution of the internal magnetic field in chalcogenide superconductors for various x values. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 357, 82-86 | 2.8 | 5 |
| 59 | Annealing characteristics and calcium doping effects in the superconducting $\text{Pb}_2\text{CuSr}_2[\text{Eu}_{1-x}\text{Ca}_x]\text{Cu}_2\text{O}_{8+y}$ system. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 292, 225-232 | 1.3 | 5 |
| 58 | Studies on InFeMO_4 (M=Mg, Co, Ni, Cu and Zn) compounds: Crystal structure and cation distribution. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 2316-2322 | 3.3 | 5 |
| 57 | Measurement of local magnetic fields in the CuO_2 planes of $\text{CuBa}_2\text{YCu}_2\text{O}_{7-\delta}$ superconductors. <i>Physical Review Letters</i> , 2007 , 98, 067001 | 7.4 | 5 |
| 56 | Isovalent-substitution effect on the Verwey-type transition in the A-site-ordered double perovskite $(\text{Ba,Sr})\text{RFe}_2\text{O}_5$. <i>Physical Review B</i> , 2004 , 70, | 3.3 | 5 |
| 55 | Space group determination of the $\text{BaY}(\text{Cu}_{0.5}\text{Fe}_{0.5})_2\text{O}_5$ phase using a convergent-beam electron-diffraction technique. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 1958-1964 | 3.3 | 5 |
| 54 | Hole-doping effect on the Verwey-type transition and magnetoresistivity of $\text{Ba}(\text{Sm,Ca})\text{Fe}_2\text{O}_5$. <i>Solid State Communications</i> , 2002 , 121, 269-274 | 1.6 | 5 |
| 53 | Local structures in mixed $\text{Li}_x\text{Fe}_{1-x}\text{Mn}_x\text{PO}_4$ (M=Co, Ni) electrode materials. <i>Journal of Solid State Chemistry</i> , 2015 , 230, 404-410 | 3.3 | 4 |
| 52 | Mössbauer study of magnetism in Fe_3Se_4 . <i>Journal of Alloys and Compounds</i> , 2018 , 746, 135-139 | 5.7 | 4 |
| 51 | Evidence of magnetic broadening in Mössbauer spectra of superconducting $\text{FeTe}_{0.8}\text{S}_{0.2}$. <i>Hyperfine Interactions</i> , 2013 , 221, 15-21 | 0.8 | 4 |
| 50 | Orbital occupancy evolution across spin- and charge-ordering transitions in YBaFe_2O_5 . <i>Journal of Solid State Chemistry</i> , 2017 , 252, 119-128 | 3.3 | 4 |
| 49 | Metal valences in electron-doped $(\text{Sr,Lu})_2\text{FeTaO}_6$ double perovskite: A ^{57}Fe Mössbauer spectroscopy study. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 440-445 | 3.3 | 4 |
| 48 | Oxygen Stoichiometry in $\text{BaRE}(\text{Cu}_{0.5}\text{Fe}_{0.5})_2\text{O}_5$ Compounds with Perovskite or Double Perovskite Structure. <i>Journal of Low Temperature Physics</i> , 1999 , 117, 861-865 | 1.3 | 4 |
| 47 | Characterization of the europium substituted superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ phase. <i>Superconductor Science and Technology</i> , 1992 , 5, 476-481 | 3.1 | 4 |
| 46 | Two orders of magnitude enhancement in oxygen evolution reactivity of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Fe}_{1-x}\text{Ni}_x\text{O}_3$ by improving the electrical conductivity. <i>Nano Energy</i> , 2021 , 93, 106794 | 17.1 | 4 |
| 45 | Susceptibility and Mössbauer Studies of Orthorhombic and Tetragonal $\text{EuBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_7$. 1988 , 209-215 | | 4 |
| 44 | ^{57}Fe Mössbauer study of a secondary phase in FeSe_{1-x} with a large quadrupole splitting. <i>Hyperfine Interactions</i> , 2014 , 226, 341-349 | 0.8 | 3 |

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| 43 | Iron orbital occupancies upon valence mixing of charge-ordered GdBaFeIIIFeIII O5. <i>Hyperfine Interactions</i> , 2014 , 226, 329-339 | 0.8 | 3 |
| 42 | Modeling hyperfine parameters observed from the charge-ordered to valence-mixed state of NdBaFe2O5. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 376002 | 1.8 | 3 |
| 41 | Mössbauer spectroscopy investigation of the FeII/III mixed-valence state and the B-site order in double perovskite A2FeMoO6. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 843-844 | 2.8 | 3 |
| 40 | Magnetic properties, oxygen content and metal valences in BaRE(Cu0.5Fe0.5)2O5+ δ with RE=Lu, Yb, Y, Eu, Sm, Nd and Pr. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 338, 132-136 | 1.3 | 3 |
| 39 | 151Eu Mössbauer spectroscopy and x-ray-diffraction studies on the Pb2Ba2EuCu3O8+ δ system. <i>Physical Review B</i> , 1994 , 50, 16040-16043 | 3.3 | 3 |
| 38 | Combined 57Fe Mössbauer-NMR experiments using FeNi alloys. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993 , 76, 146-148 | 1.2 | 3 |
| 37 | Influence of high-frequency modulation on Mössbauer resonance: Experiments with 67Zn. <i>Hyperfine Interactions</i> , 1989 , 47-48, 139-158 | 0.8 | 3 |
| 36 | Dynamical magnetic behavior of anisotropic spinel-structured ferrite for GHz technologies. <i>Scientific Reports</i> , 2021 , 11, 614 | 4.9 | 3 |
| 35 | Mössbauer study of hyperfine interactions in EuFe2(As1-xPx)2 and BaFe2(As1-xPx)2. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 378, 327-332 | 2.8 | 2 |
| 34 | Valence mixing, separation and ordering in double-cell perovskite GdBaFe2O5+w. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E267-E268 | 2.8 | 2 |
| 33 | Influence of W/Ta substitution at the Mo site on the Fe valence and magnetoresistive properties of Sr2FeMoO6. <i>Physica B: Condensed Matter</i> , 2002 , 312-313, 787-788 | 2.8 | 2 |
| 32 | Oxygen stoichiometry in the (Ba0.5La0.5)(Fe1-xCux)O3-w (x=0-1) perovskite system. <i>Solid State Sciences</i> , 2001 , 3, 803-808 | | 2 |
| 31 | 151Eu Mössbauer study of the CuEuO2+ δ delafossite. <i>Physica B: Condensed Matter</i> , 1999 , 271, 223-229 | 2.8 | 2 |
| 30 | Preparative and Mössbauer studies of Bi2Sr2Ca n-1CunOy compounds with n=2 or 3. <i>Hyperfine Interactions</i> , 1990 , 55, 1405-1409 | 0.8 | 2 |
| 29 | The rolling elliptical cylinder. <i>American Journal of Physics</i> , 2021 , 89, 358-364 | 0.7 | 2 |
| 28 | Investigating the vibrational lattice anisotropy in FeTe0.5Se0.5 using magnetically oriented crystallites. <i>Solid State Communications</i> , 2020 , 312, 113877 | 1.6 | 1 |
| 27 | Slow physics: recording the ascent and descent of a water column. <i>Physics Education</i> , 2018 , 53, 045003 | 0.8 | 1 |
| 26 | Demonstrating the conservation of angular momentum using spherical magnets. <i>American Journal of Physics</i> , 2018 , 86, 25-30 | 0.7 | 1 |

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| 25 | 57 Fe Mössbauer spectroscopy investigation of La 0.7 Ca 0.3 Mn 0.5 Fe 0.5 O 3. <i>Results in Physics</i> , 2016 , 6, 1175-1177 | 3-7 | 1 |
| 24 | Iron mixed-valence compounds, BaSm(Cu _{0.5} +xFe _{0.5}) ₂ O ₅ + δ <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 338, 126-131 | 1-3 | 1 |
| 23 | Double resonance experiments in 57Fe Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 1994 , 92, 1123-1128 | 1-2 | 1 |
| 22 | Mössbauer effect in confined liquid molecules. <i>Physical Review B</i> , 1992 , 46, 5194-5202 | 3-3 | 1 |
| 21 | Growth of 57 Fe-doped YBa ₂ Cu ₃ O _{7-δ} single crystals for Mössbauer and susceptibility measurements. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 1259-1260 | 1-3 | 1 |
| 20 | Synthesis and Chemical Characterization of Pb ₂ Ba ₂ EuCu ₃ O _z Samples 1995 , 273-276 | | 1 |
| 19 | Mössbauer study of Ba ₂ Ti ₂ Fe ₂ As ₄ O. <i>Journal of Alloys and Compounds</i> , 2020 , 848, 155706 | 5-7 | 1 |
| 18 | A diamagnetic iron complex and its twisted sister - structural evidence on partial spin state change in a crystalline iron complex. <i>Dalton Transactions</i> , 2021 , 50, 15831-15840 | 4-3 | 0 |
| 17 | Upside down glass of water experiment revisited. <i>Physics Education</i> , 2020 , 55, 055023 | 0-8 | 0 |
| 16 | FeSe: a possible ferrimagnetic half-metal?. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 455801 | 1-8 | 0 |
| 15 | Mössbauer Study of BaTh ₂ Fe ₄ As ₄ (N _{0.7} O _{0.3}) ₂ . <i>Physica Status Solidi (B): Basic Research</i> , 2021 , 258, 2100125-3 | 5-3 | 0 |
| 14 | Magnetic safety matches. <i>European Journal of Physics</i> , 2017 , 38, 045503 | 0-8 | |
| 13 | Effect of Blocking and Superconducting Layer Doping on the Superconductivity and Magnetic Properties of Polycrystalline Sr ₂ CaCu ₂ O ₆ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2018 , 31, 2711-2717 | 1-5 | |
| 12 | Demonstrating the vector character of angular momentum using a tandem fidget spinner. <i>Physics Education</i> , 2018 , 53, 023004 | 0-8 | |
| 11 | A 57Fe Mössbauer study on the FeSe and Fe(Se,Te) superconductors: discontinuities in the hyperfine parameters at T _c 2011 , 713-716 | | |
| 10 | Time-dependent absorption of gamma-radiation under high-frequency magnetic excitation of 57Fe. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1996 , 18, 385-388 | | |
| 9 | Application of 151Eu Mössbauer spectroscopy to studies of electric field gradients in high-temperature superconductors. <i>Hyperfine Interactions</i> , 1994 , 93, 1635-1639 | 0-8 | |
| 8 | Poster contributions. <i>Hyperfine Interactions</i> , 1989 , 47-48, 433-589 | 0-8 | |

- 7 Influence of high-frequency magnetic fields on Mössbauer resonance. *Hyperfine Interactions*, **1990**, 58, 2451-2455 0.8
- 6 Mechanical resonance in the rear wheels of a shopping trolley. *European Journal of Physics*, **2020**, 42, 015010 0.8
- 5 Exploring the Verwey-Type Transition in GdBaFe₂O₅+w Using ⁵⁷Fe Mössbauer Spectroscopy **2004**, 321-325
- 4 Evidence of magnetic broadening in Mössbauer spectra of superconducting FeTe 0.8 S 0.2 **2012**, 109-115
- 3 Using the terminal velocity for determining the size of minute gas bubbles in water. *Physics Education*, **2018**, 53, 063005 0.8
- 2 Suppression of the nuclear forward scattering signal in GdBaFe₂O₅ and PrBaFe₂O₅. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 416, 127652 2.3
- 1 Spontaneously expanding and shrinking soap bubbles. *Physics Education*, **2022**, 57, 035014 0.8