

V V Sikolenko

List of Publications by Year in descending order

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144
papers

1,600
citations

331259

21
h-index

414034

32
g-index

144
all docs

144
docs citations

144
times ranked

1729
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Structural transitions, magnetization and large piezoelectric response in $\text{Bi}_{1-x}\text{La}_x\text{FeO}_3$ perovskites. <i>Journal of Applied Physics</i> , 2013, 113, 113101. DOI: 10.1063/1.3651131 | 1.8 | 135 |
| 2 | Evolution of crystal structure and ferroic properties of La-doped BiFeO_3 ceramics near the rhombohedral-orthorhombic phase boundary. <i>Journal of Alloys and Compounds</i> , 2013, 555, 101-107. DOI: 10.1016/j.jallcom.2013.03.075 | 2.8 | 62 |
| 3 | Dynamical Splayed Ferromagnetic Ground State in the Quantum Spin Ice Yb_2O_7 . <i>Physical Review Letters</i> , 2013, 110, 127207. DOI: 10.1103/PhysRevLett.110.127207 | 11.9 | 118 |
| 4 | Precision neutron-diffraction study of the high- T_c superconductor $\text{HgBa}_2\text{CuO}_4 + \delta$. <i>Physical Review B</i> , 1997, 55, 3966-3973. DOI: 10.1103/PhysRevB.55.3966 | 1.1 | 56 |
| 5 | Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. <i>Physical Review B</i> , 2011, 83, . DOI: 10.1103/PhysRevB.83.080401 | 1.1 | 50 |
| 6 | Electronically competing phases and their magnetic field dependence in electron-doped nonsuperconducting and superconducting $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_4 + \delta$. <i>Physical Review B</i> , 2005, 71, . DOI: 10.1103/PhysRevB.71.020401 | 1.1 | 49 |
| 7 | Electromechanical and magnetic properties of BiFeO_3 - LaFeO_3 - CaTiO_3 ceramics near the rhombohedral-orthorhombic phase boundary. <i>Journal of Applied Physics</i> , 2013, 113, . DOI: 10.1063/1.3651131 | 1.1 | 33 |
| 8 | Composition- and temperature-driven structural transitions in $\text{Bi}_{1-x}\text{Ca}_x\text{FeO}_3$ multiferroics: a neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 135902. DOI: 10.1088/0953-8984/25/13/135902 | 0.7 | 32 |
| 9 | Temperature and Composition-Induced Structural Transitions in $\text{Bi}_{1-x}\text{La}_x\text{FeO}_3$ Perovskite Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2631-2638. DOI: 10.1111/jace.12638 | 1.9 | 31 |
| 10 | Magnetic and piezoelectric properties of the $\text{Bi}_{1-x}\text{La}_x\text{FeO}_3$ system near the transition from the polar to antipolar phase. <i>Physics of the Solid State</i> , 2014, 56, 701-706. DOI: 10.1134/S0013788X14020063 | 0.2 | 30 |
| 11 | Structural phase evolution in $\text{Bi}_{7/8}\text{Ln}_{1/8}\text{FeO}_3$ ($\text{Ln}=\text{La}\text{--}\text{Dy}$) series. <i>Materials Letters</i> , 2011, 65, 1970-1972. DOI: 10.1016/j.matlet.2011.05.025 | 1.3 | 29 |
| 12 | Phase coexistence in $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ ceramics. <i>Journal of Materials Science</i> , 2014, 49, 6937-6943. DOI: 10.1007/s10853-014-2288-1 | 1.7 | 29 |
| 13 | Structural and magnetic phases of $\text{Bi}_{1-x}\text{A}_x\text{FeO}_3$ ($\text{A}=\text{Sr}, \text{Pb}$) perovskites. <i>European Physical Journal B</i> , 2010, 73, 375-381. DOI: 10.1140/epjb/i2010-10007-1 | 0.6 | 28 |
| 14 | Structural transitions and unusual magnetic behavior in Mn-doped $\text{Bi}_{1-x}\text{La}_x\text{FeO}_3$ perovskites. <i>Journal of Applied Physics</i> , 2012, 112, . DOI: 10.1063/1.3677000 | 1.1 | 28 |
| 15 | Incommensurate spin-density-wave order in quasi-one-dimensional metallic antiferromagnet NaV_2O_7 . <i>Physical Review B</i> , 2010, 81, . DOI: 10.1103/PhysRevB.81.080401 | 1.1 | 27 |
| 16 | A correlation between crystal structure and magnetic properties in co-doped BiFeO_3 ceramics. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 126, 164-169. DOI: 10.1016/j.jpcs.2019.105001 | 1.9 | 27 |
| 17 | Magnetic properties of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ ($x=0.15$ and 0.3). <i>Journal of Physics Condensed Matter</i> , 2004, 16, 7313-7320. DOI: 10.1088/0953-8984/16/30/304201 | 0.7 | 25 |
| 18 | Effect of the oxygen nonstoichiometry on the structure and magnetic properties of $\text{Nd}_2\text{CoMnO}_6 + \delta$ double perovskites. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 3367-3376. DOI: 10.1002/pssb.200711376 | 0.7 | 23 |

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|----|---|-----|-----------|
| 19 | Crystal structure, magnetic and electrical properties of the $\text{Nd}_{1-x}\text{Ba}_x\text{CoO}_3$ system. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 4181-4195. | 0.7 | 22 |
| 20 | Pressure induced antiferromagnet-ferromagnet transition in $\text{La}_{0.5}\text{Ba}_{0.5}\text{CoO}_{2.8}$ cobaltite. <i>European Physical Journal B</i> , 2013, 86, 1. | 0.6 | 22 |
| 21 | Structure and piezoelectric properties of Sm-doped BiFeO_3 ceramics near the morphotropic phase boundary. <i>Materials Research Bulletin</i> , 2019, 112, 420-425. | 2.7 | 22 |
| 22 | Magnetic ordering in the perovskite system. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 302, 443-447. | 1.0 | 21 |
| 23 | Metamagnetic behaviour in $\text{TbCo}_{0.5}\text{Mn}_{0.5}\text{O}_{3.06}$ perovskite. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 9541-9548. | 0.7 | 21 |
| 24 | Neutron diffraction studies of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ magnetic structure at $x=0.15$ and 0.3 . <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 258-259, 300-301. | 1.0 | 20 |
| 25 | Neutron diffraction study and magnetic properties of $\text{La}_{1-x}\text{Ba}_x\text{CoO}_3$ ($x=0.2$ and 0.3). <i>Journal of Physics Condensed Matter</i> , 2009, 21, 156004. | 0.7 | 20 |
| 26 | Very large magnetoresistance and spin state transition in Ba-doped cobaltites. <i>Journal of Applied Physics</i> , 2013, 113, 053909. | 1.1 | 19 |
| 27 | Inhomogeneous magnetic states in Fe and Cr substituted LaMnO_3 . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 036220. | 0.7 | 18 |
| 28 | Effect of iron doping on magnetic properties of $\text{Sr}_{0.78}\text{Y}_{0.22}\text{CoO}_{2.625+\delta}$ -layered perovskite. <i>Journal of Materials Science</i> , 2009, 44, 5900-5908. | 1.7 | 18 |
| 29 | The ferromagnetic and antiferromagnetic phases in anion deficient $\text{La}_{0.5-x}\text{Pr}_x\text{Ba}_{0.5}\text{CoO}_{3-\delta}$ cobaltites. <i>Journal of Applied Physics</i> , 2012, 112, . | 1.1 | 18 |
| 30 | Intermediate structural state in $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ ceramics at the rhombohedral-orthorhombic phase boundary. <i>Journal of Materials Science</i> , 2017, 52, 9355-9362. | 1.7 | 18 |
| 31 | Field-induced magnetic phases in the normal and superconducting states of $\text{ErNi}_2\text{B}_2\text{C}$. <i>Physical Review B</i> , 2004, 69, . | 1.1 | 17 |
| 32 | Drastic Change of Magnetic Phase Diagram in Doped Quantum Antiferromagnet $\text{TlCu}_{1-x}\text{Mg}_x\text{Cl}_3$. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 033702. | 0.7 | 17 |
| 33 | Short- and long-range order in $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ and $\text{La}_{1-x}\text{Ba}_x\text{CoO}_3$. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 2187-2190. | 1.9 | 17 |
| 34 | Conformal Solution Deposition of Pt-Pd Titania Nanocomposite Coatings for Light-Assisted Formic Acid Electro-Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43081-43092. | 4.0 | 17 |
| 35 | Ferro- and antiferromagnetic ordering in $\text{LaMnO}_{3+\delta}$. <i>Physics of the Solid State</i> , 1999, 41, 91-96. | 0.2 | 16 |
| 36 | Mössbauer study of partially ordered cobaltites $\text{Nd}_2\text{CoMnO}_6$ with perovskite structure. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 046218. | 0.7 | 16 |

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|----|---|-----|-----------|
| 37 | The structural origin of composition-driven magnetic transformation in BiFeO ₃ -based multiferroics: a neutron diffraction study. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6085-6090. | 2.7 | 16 |
| 38 | Operando tracking of oxidation-state changes by coupling electrochemistry with time-resolved X-ray absorption spectroscopy demonstrated for water oxidation by a cobalt-based catalyst film. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5395-5408. | 1.9 | 16 |
| 39 | Effect of high-current pulsed electron beam irradiation on the structure of La _{0.7} Sr _{0.3} CoO ₃ powder. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2001-2006. | 1.9 | 15 |
| 40 | EXAFS, X-ray diffraction and Raman studies of (Pb _{1-x} La _x)(Zr _{0.65} Ti _{0.35})O ₃ (and 0.09) ceramics irradiated by high-current pulsed electron beam. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2007-2012. | 1.9 | 15 |
| 41 | Magnetic and structural phase transitions in La _{0.5} Sr _{0.5} CoO _{3-δ} (0) Tj ETQq _{1,1} 0.784314 rgB | 0.7 | 15 |
| 42 | Evolution of electromechanical properties of Bi _{1-x} Pr _x FeO ₃ solid solutions across the rhombohedral-orthorhombic phase boundary: Role of covalency. <i>Journal of Alloys and Compounds</i> , 2015, 638, 429-434. | 2.8 | 15 |
| 43 | Neutron scattering studies of the structure and lattice dynamics of a solid solution of hydrogen in -manganese. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 5255-5266. | 0.7 | 14 |
| 44 | The low-temperature macroscopic phase separation in La _{0.5} Ba _{0.5} CoO _{3-δ} cobaltite. <i>JETP Letters</i> , 2011, 93, 139-143. | 0.4 | 14 |
| 45 | Weak ferromagnetic polar phase in the BiFe _{1-x} Ti _x O ₃ multiferroics. <i>Journal of Materials Science</i> , 2013, 48, 3852-3856. | 1.7 | 14 |
| 46 | Structure and magnetic interactions in (Sr, Sb)-doped lanthanum manganites. <i>Physica B: Condensed Matter</i> , 2016, 489, 45-50. | 1.3 | 14 |
| 47 | Neutron diffraction studies of structural and magnetic properties of niobium doped cobaltites. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 436002. | 0.7 | 13 |
| 48 | Polar-antipolar transition and weak ferromagnetism in Mn-doped Bi _{0.86} La _{0.14} FeO ₃ . <i>Journal Physics D: Applied Physics</i> , 2018, 51, 165001. | 1.3 | 13 |
| 49 | Magnetic phase transitions in TbNi ₅ single crystal: Bulk properties and neutron diffraction studies. <i>JETP Letters</i> , 2005, 82, 34-38. | 0.4 | 12 |
| 50 | Interpretation of the Co K-edge EXAFS in LaCoO ₃ using molecular dynamics simulations. <i>Solid State Ionics</i> , 2011, 188, 21-24. | 1.3 | 12 |
| 51 | Evolution of crystal structure of Ba and Ti co-doped BiFeO ₃ ceramics at the morphotropic phase boundary. <i>Journal of Alloys and Compounds</i> , 2019, 803, 1136-1140. | 2.8 | 12 |
| 52 | Negative magnetization of Li ₂ Ni ₂ Mo ₂ Structure and Lattice Dynamics in PLZT 8/65/35 Ceramics Irradiated by High-Current Pulsed Electron Beam. <i>Ferroelectrics</i> , 2004, 302, 327-333. | 1.1 | 11 |
| 53 | Structure and Lattice Dynamics in PLZT 8/65/35 Ceramics Irradiated by High-Current Pulsed Electron Beam. <i>Ferroelectrics</i> , 2004, 302, 327-333. | 0.3 | 10 |
| 54 | Crystal structure and piezoelectric and magnetic properties of Bi _{1-x} Sm _x FeO ₃ solid solutions. <i>Physics of the Solid State</i> , 2016, 58, 1590-1595. | 0.2 | 10 |

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|----|--|-----|-----------|
| 55 | Pressure induced phase transitions in Sm-doped BiFeO ₃ in the morphotropic phase boundary. <i>Materials Chemistry and Physics</i> , 2022, 277, 125458. | 2.0 | 10 |
| 56 | Lattice anomalies in CeNi unstable valence compound. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s559-s561. | 1.1 | 9 |
| 57 | Phase transformations and magnetotransport properties of the Pr _{0.5} Sr _{0.5} Co _{1-x} Mn _x O ₃ system. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 112, 837-847. | 0.2 | 9 |
| 58 | Phase separation in La _{1-x} Sr _x CoO ₃ solid solutions with a perovskite structure. <i>Crystallography Reports</i> , 2006, 51, S67-S75. | 0.1 | 8 |
| 59 | Magnetic interactions in La _{0.7} Sr _{0.3} Mn _{1-x} Me _x O ₃ (Me=Ga, Fe, Cr) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 212-216. | 1.0 | 8 |
| 60 | Commensurate-incommensurate phase transition in TbNi ₅ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e411-e414. | 1.0 | 7 |
| 61 | Neutron and synchrotron X-ray powder study of copper(II) chloride complex with deuterated 1-ethyltetrazole. <i>Zeitschrift für Kristallographie</i> , 2009, 224, 233-239. | 1.1 | 7 |
| 62 | Positive magnetoresistance effect in rare earth cobaltites. <i>JETP Letters</i> , 2009, 89, 319-323. | 0.4 | 7 |
| 63 | Ferromagnetism in single-valent manganites. <i>Journal of Alloys and Compounds</i> , 2015, 619, 719-725. | 2.8 | 7 |
| 64 | Neutron diffraction and synchrotron radiation studies of magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e181-e183. | 1.0 | 6 |
| 65 | XAFS and neutron diffraction study of the La _{1-x} Sr _x CoO ₃ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 805-808. | 0.8 | 6 |
| 66 | Crystal and magnetic structures of NdBaCo ₂ O _{5+δ} (δ=0.75): A neutron diffraction study. <i>Physical Review B</i> , 2008, 77, . | 1.1 | 6 |
| 67 | Neutron-diffraction study of YBa ₂ Cu _{2.7} Zn _{0.3} O _{6+y} isotope enriched samples. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 259, 173-180. | 0.6 | 5 |
| 68 | Magnetic structure of U(Pd _{1-x} Fex) ₂ Ge ₂ studied by μ SR: comparison with neutron diffraction data. <i>Physica B: Condensed Matter</i> , 2000, 289-290, 282-285. | 1.3 | 5 |
| 69 | Modulated magnetic structure of U(Pd _{1-x} Fex) ₂ Ge ₂ studied by μ SR. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 7969-7981. | 0.7 | 5 |
| 70 | Structural, Optical, and Dielectric Investigations of the Relaxor PLZT 9.75/65/35 Ceramics Irradiated by High-Current Pulsed Electron Beam. <i>Ferroelectrics</i> , 2003, 285, 265-274. | 0.3 | 5 |
| 71 | High-pressure effects on the crystal and magnetic structure of the Nd _{0.78} Ba _{0.22} CoO ₃ cobaltite. <i>JETP Letters</i> , 2006, 84, 16-20. | 0.4 | 5 |
| 72 | Inelastic neutron scattering study of the lattice dynamics of LaCoO ₃ . <i>Journal of Surface Investigation</i> , 2011, 5, 1140-1143. | 0.1 | 5 |

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|----|--|-----|-----------|
| 73 | Structural and magnetic properties of $\text{La}_{0.5}\text{Ba}_{0.5}\text{CoO}_{3-\delta}$ cobaltites. Journal of Physics: Conference Series, 2012, 391, 012106. | 0.3 | 5 |
| 74 | Temperature evolution of the crystal structure of $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ solid solutions. Physics of the Solid State, 2014, 56, 2263-2268. | 0.2 | 5 |
| 75 | Ferromagnetic interactions in Mn^{3+} -based perovskites. Journal of Physics Condensed Matter, 2014, 26, 396002. | 0.7 | 5 |
| 76 | Role of superexchange interactions in the ferromagnetism of manganites. Journal of Experimental and Theoretical Physics, 2015, 120, 97-102. | 0.2 | 5 |
| 77 | Spin State of Cobalt Ions and the Magnetic Properties of Heavily Ba^{2+} -Substituted Cobaltites with Perovskite Structure. Physica Status Solidi (B): Basic Research, 2018, 255, 1800315. | 0.7 | 5 |
| 78 | Manifold of spin states and dynamical temperature effects in LaCoO_3 : Experimental and theoretical insights. Physical Review B, 2019, 100, . | | |
| 79 | Ferromagnet-antiferromagnet transition in layered perovskites of $\text{Sr}_3\text{YCo}_4\text{O}_{10.5}$ type. Materials Research Express, 2019, 6, 026105. | 0.8 | 5 |
| 80 | Magnetic properties of BiFeO_3 – BaTiO_3 ceramics in the morphotropic phase boundary: A role of crystal structure and structural parameters. Journal of Magnetism and Magnetic Materials, 2021, 539, 168409. | 1.0 | 5 |
| 81 | Magnetic structure of iron-doped UPd_2Ge_2 . JETP Letters, 1997, 66, 647-652. | 0.4 | 4 |
| 82 | Neutron diffraction study of the $\text{U}(\text{Pd}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ magnetic structure. Journal of Magnetism and Magnetic Materials, 2000, 210, 225-232. | 1.0 | 4 |
| 83 | Giant tunnelling effect of hydrogen and deuterium in δ -manganese. Journal of Alloys and Compounds, 2002, 330-332, 462-466. | 2.8 | 4 |
| 84 | Spin state of cobalt ions in NdCoO_3 . Crystallography Reports, 2006, 51, 11-15. | 0.1 | 4 |
| 85 | Ferromagnetic ordering in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{3+0.85}\text{Nb}_{5+0.15}\text{O}_3$ manganite. Powder Diffraction, 2015, 30, S97-S100. | 0.4 | 4 |
| 86 | High pressure induced spin state crossover in $\text{Sr}_2\text{CaYCo}_4\text{O}_{10.5}$. Journal of Physics Condensed Matter, 2015, 27, 046005. | 0.7 | 4 |
| 87 | Magnetic ordering in $\text{Ln}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.85}\text{Sb}_{0.15}\text{O}_3$ ($\text{Ln} = \text{La}, \text{Nd}, \text{Sm}, \text{Eu}$). Physics of the Solid State, 2015, 57, 1128-1133. | 0.2 | 4 |
| 88 | EXAFS and X-ray diffraction study of LaCoO_3 across the spin-state transition. Journal of Physics: Conference Series, 2016, 712, 012118. | 0.3 | 4 |
| 89 | Correlated oxygen displacements and phonon mode changes in LaCoO_3 single crystal. Physica B: Condensed Matter, 2018, 536, 597-599. | 1.3 | 4 |
| 90 | Crystal and Magnetic Structure Transitions in BiMnO_3 Ceramics Driven by Cation Vacancies and Temperature. Materials, 2021, 14, 5805. | 1.3 | 4 |

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|-----|---|-----|-----------|
| 91 | Structural and Magnetic Phase Transitions in $\text{BiFe}_{1-x}\text{Mn}_x\text{O}_3$ Solid Solution Driven by Temperature. <i>Nanomaterials</i> , 2022, 12, 1565. | 1.9 | 4 |
| 92 | XAFS and neutron diffraction study of $\text{La}_{1-x}\text{Sr}_x\text{Co}_1\text{NbyO}_3$. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 575, 176-179. | 0.7 | 3 |
| 93 | Crystal structure and magnetic exchange in $\text{La}_{1-2x}\text{Sr}_2x\text{Mn}_{1-x}\text{SbxO}_3$ ($x \approx 0.2$) solid solutions. <i>Low Temperature Physics</i> , 2015, 41, 1006-1010. | 0.2 | 3 |
| 94 | Anomalous behavior of displacement correlation function and strain in lanthanum cobalt oxide analyzed both from X-ray powder diffraction and EXAFS data. <i>Powder Diffraction</i> , 2017, 32, S151-S154. | 0.4 | 3 |
| 95 | Magnetic ordering in manganites doped by Ti and Al. <i>Ceramics International</i> , 2017, 43, 187-191. | 2.3 | 3 |
| 96 | Temperature-driven structural transformations in Ca/Ti- and Ba/Ti-doped BiFeO_3 . <i>Materials Letters</i> , 2019, 254, 305-308. | 1.3 | 3 |
| 97 | Magnetic phase diagram of $\text{ErNi}_2\text{B}_2\text{C}$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 97-99. | 0.6 | 2 |
| 98 | Magnetic diffuse scattering from Nd above T_N and deduced exchange interaction parameters. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 286201. | 0.7 | 2 |
| 99 | Crystal structure and the magnetic state of $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.5}\text{Fe}_{0.5}\text{O}_3$. <i>JETP Letters</i> , 2008, 87, 306-310. | 0.4 | 2 |
| 100 | Magnetic peculiarity and crystal structure of $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{Co}_{1-x}\text{Fe}_x\text{O}_3$. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 411-415. | 0.7 | 2 |
| 101 | Crystal electric field effects in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$. <i>Journal of Surface Investigation</i> , 2012, 6, 553-558. | 0.1 | 2 |
| 102 | Determining the magnetic ground state of TbNi_5 single crystal using polarized neutron scattering technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 3811-3816. | 1.0 | 2 |
| 103 | Magnetic domain growth in geometrically frustrated Ising antiferromagnets $\text{Co}_{1-x}\text{O}_x$. <i>Physical Review B</i> , 2014, 90, 114407. | 1.1 | 2 |
| 104 | Neutron diffraction studies of the structure of substituted complex cobalt oxides. <i>Physics of the Solid State</i> , 2014, 56, 77-80. | 0.2 | 2 |
| 105 | High pressure effects on the magnetic and crystal structure of $\text{La}_{0.75}\text{Ba}_{0.25}\text{CoO}_3$. <i>Materials Chemistry and Physics</i> , 2016, 181, 78-81. | 2.0 | 2 |
| 106 | Magnetic phase transformations and magnetotransport phenomena in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ perovskite compounds. <i>Journal of Experimental and Theoretical Physics</i> , 2017, 125, 290-297. | 0.2 | 2 |
| 107 | Antiferromagnet-ferromagnet transition in $\text{La}_{1-x}\text{Sr}_x\text{Mn}_{0.5}\text{Ni}_{0.5}\text{O}_3$ ($0 \leq x \leq 1$) ceramics. <i>Low Temperature Physics</i> , 2017, 43, 982-985. | 0.2 | 2 |
| 108 | Magnetic and magnetoresistance properties of $\text{La}_{0.7}\text{Sr}_{0.3}(\text{Mn},\text{D}\text{I}\text{o})\text{O}_3$. <i>Physica B: Condensed Matter</i> , 2017, 524, 22-26. | 1.3 | 2 |

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|-----|--|-----|-----------|
| 109 | X-ray absorption spectroscopy and neutron diffraction study of the perovskite-type rare-earth cobaltites. <i>Physica B: Condensed Matter</i> , 2018, 536, 640-642. | 1.3 | 2 |
| 110 | Magnetic and magnetotransport properties of $\text{La}_{1-x}\text{Sr}_x\text{Mn}_{0.5}\text{Ni}_{0.5}\text{O}_3$ perovskites. <i>Ceramics International</i> , 2018, 44, 1432-1437. | 2.3 | 2 |
| 111 | Magnetic Structure and Magnetotransport Properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$. <i>Physics of Metals and Metallography</i> , 2018, 119, 316-323. | 0.3 | 2 |
| 112 | Origins of the Appearance of Ferromagnetic State and Colossal Magnetoresistance in Cobaltites. <i>Physics of Metals and Metallography</i> , 2019, 120, 325-332. | 0.3 | 2 |
| 113 | Spin Crossover and Magnetic Properties of Ba-Substituted Cobaltites. <i>Journal of Experimental and Theoretical Physics</i> , 2019, 128, 98-104. | 0.2 | 2 |
| 114 | Spin state crossover and colossal magnetoresistance in barium-doped cobaltites. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 129, 86-91. | 1.9 | 2 |
| 115 | Neutron powder diffraction study of $\text{La}_{1-x}\text{Sr}_x\text{Mn}_{2-x}\text{Ni}_x\text{O}_4$ and $\text{La}_{1-x}\text{Sr}_x\text{Mn}_{4-x}\text{Ni}_x\text{O}_4$. <i>Physical Review Research</i> , 2020, 2, . | 1.3 | 2 |
| 116 | Neutron Diffraction Investigation of Effects Induced in Materials by High-Current Pulsed Electron Beam Irradiation. <i>Materials Science Forum</i> , 1998, 278-281, 858-861. | 0.3 | 1 |
| 117 | Structural study of $\text{U}(\text{Pd}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ at high pressure. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 2825-2832. | 0.7 | 1 |
| 118 | Negative magnetization of $\text{Li}_2\text{Ni}_2\text{Mo}_3\text{O}_{12}$ including two spin subsystems, distorted honeycomb lattice and linear chain. <i>Journal of Physics: Conference Series</i> , 2012, 400, 032017. | 0.3 | 1 |
| 119 | Pressure effects on oxygen-deficient Ba-substituted cobaltites. <i>Powder Diffraction</i> , 2013, 28, S126-S132. | 0.4 | 1 |
| 120 | Magnetic properties of manganites doped with gallium, iron, and chromium ions. <i>Journal of Experimental and Theoretical Physics</i> , 2015, 120, 838-843. | 0.2 | 1 |
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