

V V Sikolenko

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137
papers

1,297
citations

19
h-index

29
g-index

144
ext. papers

1,451
ext. citations

2.3
avg, IF

3.88
L-index

#	Paper	IF	Citations
137	Pressure induced phase transitions in Sm-doped BiFeO ₃ in the morphotropic phase boundary. <i>Materials Chemistry and Physics</i> , 2022 , 277, 125458	4.4	0
136	Study of the Anomalous Thermodynamic Properties of the LaCoO ₃ System Based on the Pseudocubic Approximation. <i>Journal of Surface Investigation</i> , 2022 , 16, 91-95	0.5	
135	Metal matrix composites based on valence-unstable systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1100, 012040	0.4	
134	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	4.4	5
133	Magnetic properties of BiFeO ₃ /BaTiO ₃ ceramics in the morphotropic phase boundary: A role of crystal structure and structural parameters. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 539, 168409	2.8	2
132	Neutron Diffraction Study of Magnetic and Structural Transitions in Complex Nb-Doped Cobalt Oxides. <i>Journal of Surface Investigation</i> , 2020 , 14, S218-S220	0.5	
131	Study of Doped Complex Cobalt Oxides by Neutron Diffraction and Methods Based on Synchrotron Radiation. <i>Journal of Surface Investigation</i> , 2020 , 14, 17-23	0.5	
130	Manifold of spin states and dynamical temperature effects in LaCoO ₃ : Experimental and theoretical insights. <i>Physical Review B</i> , 2019 , 100,	3.3	3
129	Origins of the Appearance of Ferromagnetic State and Colossal Magnetoresistance in Cobaltites. <i>Physics of Metals and Metallography</i> , 2019 , 120, 325-332	1.2	2
128	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	5.7	5
127	Spin Crossover and Magnetic Properties of Ba-Substituted Cobaltites. <i>Journal of Experimental and Theoretical Physics</i> , 2019 , 128, 98-104	1	1
126	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	7.1	13
125	Structure and piezoelectric properties of Sm-doped BiFeO ₃ ceramics near the morphotropic phase boundary. <i>Materials Research Bulletin</i> , 2019 , 112, 420-425	5.1	8
124	Temperature-driven structural transformations in Ca/Ti- and Ba/Ti-doped BiFeO ₃ . <i>Materials Letters</i> , 2019 , 254, 305-308	3.3	3
123	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	9.5	11
122	Crystal Structure and Ferromagnetic Component in Layered Perovskite Sr _{0.8} Y _{0.2} CoO _{2.65} . <i>Crystallography Reports</i> , 2019 , 64, 975-978	0.6	
121	Ferromagnet-antiferromagnet transition in layered perovskites of Sr ₃ YCo ₄ O _{10.5} type. <i>Materials Research Express</i> , 2019 , 6, 026105	1.7	1

120	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	3.9	16
119	Spin state crossover and colossal magnetoresistance in barium-doped cobaltites. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 129, 86-91	3.9	2
118	Investigation of a Spin Transition in a LaCoO ₃ Single Crystal by the Method of X-Ray Magnetic Circular Dichroism at the Cobalt K- and L _{2,3} -Edges. <i>Physics of the Solid State</i> , 2018 , 60, 288-291	0.8	
117	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	3	8
116	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	2.8	2
115	Magnetic and magnetotransport properties of La _{1-x} Sr _x Mn _{0.5} Bi _{0.5} O ₃ perovskites. <i>Ceramics International</i> , 2018 , 44, 1432-1437	5.1	2
114	Magnetic Structure and Magnetotransport Properties of La _{0.7} Sr _{0.3} Mn _{1-x} Ni _x O ₃ . <i>Physics of Metals and Metallography</i> , 2018 , 119, 316-323	1.2	2
113	Ferromagnetic ordering, magnetic and magnetotransport properties of R _{1-x} Sr _x (Mn _{1-x/2} Sb _{x/2})O ₃ (R = La, Pr, Nd, Sm, Eu) manganites. <i>Materials Research Express</i> , 2018 , 5, 066101	1.7	1
112	Correlated oxygen displacements and phonon mode changes in LaCoO ₃ single crystal. <i>Physica B: Condensed Matter</i> , 2018 , 536, 597-599	2.8	2
111	Crystal Structure of Bi _{1-x} Pr _x FeO ₃ Multiferroics at the Rhombohedral/Rthorhombic Phase Boundary. <i>Crystallography Reports</i> , 2018 , 63, 1104-1109	0.6	
110	Magnetic Properties of a Layered Cobaltite Sr _{1-x} Y _x CoO ₃ (x = 0.1). <i>Physics of the Solid State</i> , 2018 , 60, 1999-2005	0.8	1
109	Magnetic Phase Diagrams of R _{1-x} Sr _x (Mn _{1-x/2} Sb _{x/2})O ₃ (R = La, Pr, Nd, Sm, Eu) with Trivalent Manganese Ions. <i>Physics of the Solid State</i> , 2018 , 60, 1762-1767	0.8	
108	Spin State of Cobalt Ions and the Magnetic Properties of Heavily Ba-Substituted Cobaltites with Perovskite Structure. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1800315	1.3	1
107	A combined diffraction and EXAFS study of LaCoO ₃ and La _{0.5} Sr _{0.5} Co _{0.75} Nb _{0.25} O ₃ powders. <i>Powder Diffraction</i> , 2017 , 32, S52-S55	1.8	
106	Intermediate structural state in Bi _{1-x} Pr _x FeO ₃ ceramics at the rhombohedral/rthorhombic phase boundary. <i>Journal of Materials Science</i> , 2017 , 52, 9355-9362	4.3	13
105	Magnetic phase transitions in Ln _{1-x} Sr _x Co _{0.5} Mn _{0.5} O ₃ (Ln = La, Pr, Nd, and Eu). <i>Physics of the Solid State</i> , 2017 , 59, 728-732	0.8	
104	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	1.8	2
103	Ferromagnetic/antiferromagnetic transition and magnetotransport properties of La _{0.7} Sr _{0.3} Mn _{1-x} Ni _x O ₃ perovskites. <i>Materials Research Express</i> , 2017 , 4, 106109	1.7	

102	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	1	2
101	Antiferromagnet-ferromagnet transition in $\text{La}_{1-x}\text{Sr}_x\text{Mn}_{0.5}\text{Ni}_{0.5}\text{O}_3$ ($0 \leq x \leq 0.2$) ceramics. <i>Low Temperature Physics</i> , 2017 , 43, 982-985	0.7	1
100	Magnetic and magnetoresistance properties of $\text{La}_{0.7}\text{Sr}_{0.3}(\text{Mn},\text{B})\text{O}_3$. <i>Physica B: Condensed Matter</i> , 2017 , 524, 22-26	2.8	2
99	A combined diffraction and EXAFS study of LaCoO_3 and $\text{La}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.75}\text{Nb}_{0.25}\text{O}_3$ powders □ CORRIGENDUM. <i>Powder Diffraction</i> , 2017 , 32, S231-S231	1.8	
98	Magnetic ordering in manganites doped by Ti and Al. <i>Ceramics International</i> , 2017 , 43, 187-191	5.1	3
97	Crystal structure and piezoelectric and magnetic properties of $\text{Bi}_{1-x}\text{Sm}_x\text{FeO}_3$ solid solutions. <i>Physics of the Solid State</i> , 2016 , 58, 1590-1595	0.8	9
96	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	4.4	0
95	Structure and magnetic interactions in (Sr, Sb)-doped lanthanum manganites. <i>Physica B: Condensed Matter</i> , 2016 , 489, 45-50	2.8	13
94	EXAFS and X-ray diffraction study of LaCoO_3 across the spin-state transition. <i>Journal of Physics: Conference Series</i> , 2016 , 712, 012118	0.3	3
93	CoK-edge magnetic circular dichroism across the spin state transition in LaCoO_3 single crystal. <i>Journal of Physics: Conference Series</i> , 2016 , 712, 012111	0.3	1
92	Neutron-diffraction studies of the antiferromagnetic-ferromagnetic transition in anion-deficient cobaltites. <i>Journal of Surface Investigation</i> , 2016 , 10, 1133-1135	0.5	
91	Magnetic properties of manganites doped with gallium, iron, and chromium ions. <i>Journal of Experimental and Theoretical Physics</i> , 2015 , 120, 838-843	1	1
90	Magnetic interactions in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Me}_x\text{O}_3$ (Me=Ga, Fe, Cr) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 394, 212-216	2.8	5
89	Magnetic ordering in $\text{Ln}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.85}\text{Sb}_{0.15}\text{O}_3$ (Ln = La, Nd, Sm, Eu). <i>Physics of the Solid State</i> , 2015 , 57, 1128-1133	0.8	3
88	Role of superexchange interactions in the ferromagnetism of manganites. <i>Journal of Experimental and Theoretical Physics</i> , 2015 , 120, 97-102	1	5
87	Evolution of electromechanical properties of $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ solid solutions across the rhombohedral-orthorhombic phase boundary: Role of covalency. <i>Journal of Alloys and Compounds</i> , 2015 , 638, 429-434	5.7	12
86	Ferromagnetism in single-valent manganites. <i>Journal of Alloys and Compounds</i> , 2015 , 619, 719-725	5.7	7
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. <i>Powder Diffraction</i> , 2015 , 30, S97-S100	1.8	3

84	Crystal structure and magnetic exchange in $\text{La}_{1-x}\text{Sr}_2\text{Mn}_{1-x}\text{Sb}_x\text{O}_3$ ($x \in [0,2]$) solid solutions. <i>Low Temperature Physics</i> , 2015 , 41, 1006-1010	0.7	3
83	High pressure induced spin state crossover in $\text{Sr}_2\text{CaYCo}_4\text{O}_{10.5}$. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 046005	1.8	3
82	Temperature and Composition-Induced Structural Transitions in $\text{Bi}_{1-x}\text{La}(\text{Pr})_x\text{FeO}_3$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2631-2638	3.8	22
81	Neutron diffraction studies of the structure of substituted complex cobalt oxides. <i>Physics of the Solid State</i> , 2014 , 56, 77-80	0.8	2
80	Ferromagnetic interactions in Mn^{3+} based perovskites. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 396002	1.8	3
79	Phase coexistence in $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ ceramics. <i>Journal of Materials Science</i> , 2014 , 49, 6937-6943	4.3	25
78	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	0.8	21
77	Temperature evolution of the crystal structure of $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ solid solutions. <i>Physics of the Solid State</i> , 2014 , 56, 2263-2268	0.8	5
76	Weak ferromagnetic polar phase in the $\text{BiFe}_{1-x}\text{TixO}_3$ multiferroics. <i>Journal of Materials Science</i> , 2013 , 48, 3852-3856	4.3	12
75	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	5.7	50
74	Very large magnetoresistance and spin state transition in Ba-doped cobaltites. <i>Journal of Applied Physics</i> , 2013 , 113, 053909	2.5	15
73	Magnetic and structural phase transitions in $\text{La}_{0.5}\text{Sr}_{0.5}\text{CoO}_{(3-\delta)}$ ($0 \leq \delta \leq 1$). <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 316004	1.8	12
72	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	1.2	19
71	Electromechanical and magnetic properties of $\text{BiFeO}_3\text{-LaFeO}_3\text{-CaTiO}_3$ ceramics near the rhombohedral-orthorhombic phase boundary. <i>Journal of Applied Physics</i> , 2013 , 113, 187218	2.5	28
70	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	1.8	27
69	Dynamical splayed ferromagnetic ground state in the quantum spin ice $\text{Yb}_2\text{Sn}_2\text{O}_7$. <i>Physical Review Letters</i> , 2013 , 110, 127207	7.4	54
68	Pressure effects on oxygen-deficient Ba-substituted cobaltites. <i>Powder Diffraction</i> , 2013 , 28, S126-S132	1.8	0
67	Commensurate-incommensurate magnetic phase transition induced in TbNi_5 by an external magnetic field. <i>Physics of Metals and Metallography</i> , 2012 , 113, 228-232	1.2	

66	Crystal electric field effects in Pr _{0.5} Sr _{0.5} CoO ₃ . <i>Journal of Surface Investigation</i> , 2012 , 6, 553-558	0.5	1
65	The ferromagnetic and antiferromagnetic phases in anion deficient La _{0.5} Pr _x Ba _{0.5} CoO ₃ cobaltites. <i>Journal of Applied Physics</i> , 2012 , 112, 013916	2.5	18
64	Neutron diffraction studies of the magnetic properties of Pr _{0.5} Sr _{0.5} Co _{1-x} Mn _x O ₃ solid solutions. <i>Journal of Surface Investigation</i> , 2012 , 6, 713-717	0.5	
63	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	2.8	2
62	Structural transitions and unusual magnetic behavior in Mn-doped Bi _{1-x} LaxFeO ₃ perovskites. <i>Journal of Applied Physics</i> , 2012 , 112, 084102	2.5	21
61	Negative magnetization of Li ₂ Ni ₂ Mo ₃ 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
60	Structural and magnetic properties of La _{0.5} Ba _{0.5} CoO ₃ -cobaltites. <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012106	0.3	2
59	Negative magnetization of Li ₂ Ni ₂ Mo ₃ O ₁₂ : A spin system composed of distorted honeycomb lattices and linear chains. <i>Physical Review B</i> , 2011 , 84,	3.3	9
58	The low-temperature macroscopic phase separation in La _{0.5} Ba _{0.5} CoO ₃ cobaltite. <i>JETP Letters</i> , 2011 , 93, 139-143	1.2	13
57	Structural phase evolution in Bi _{7/8} Ln _{1/8} FeO ₃ (Ln = LaDy) series. <i>Materials Letters</i> , 2011 , 65, 1970-1972	3.3	27
56	Inelastic neutron scattering study of the lattice dynamics of LaCoO ₃ . <i>Journal of Surface Investigation</i> , 2011 , 5, 1140-1143	0.5	4
55	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	1	9
54	Isothermal structural transitions, magnetization and large piezoelectric response in Bi _{1-x} LaxFeO ₃ perovskites. <i>Physical Review B</i> , 2011 , 83,	3.3	117
53	Interpretation of the Co K-edge EXAFS in LaCoO ₃ using molecular dynamics simulations. <i>Solid State Ionics</i> , 2011 , 188, 21-24	3.3	12
52	Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. <i>Physical Review B</i> , 2011 , 83,	3.3	40
51	Incommensurate spin-density-wave order in quasi-one-dimensional metallic antiferromagnet NaV ₂ O ₄ . <i>Physical Review B</i> , 2010 , 81,	3.3	19
50	Structural and magnetic phases of Bi _{1-x} A _x FeO ₃ (A = Sr, Pb) perovskites. <i>European Physical Journal B</i> , 2010 , 73, 375-381	1.2	21
49	Magnetic peculiarity and crystal structure of Pr _{0.5} Sr _{0.5} Co _{1-x} FexO ₃ . <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 411-415	1.3	2

48	Neutron diffraction studies of structural and magnetic properties of niobium doped cobaltites. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 436002	1.8	13
47	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		6
46	Neutron diffraction study and magnetic properties of La(1-x)Ba(x)CoO(3) (x = 0.2 and 0.3). <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 156004	1.8	18
45	Effect of iron doping on magnetic properties of Sr _{0.78} Y _{0.22} CoO _{2.625} -layered perovskite. <i>Journal of Materials Science</i> , 2009 , 44, 5900-5908	4.3	15
44	Positive magnetoresistance effect in rare earth cobaltites. <i>JETP Letters</i> , 2009 , 89, 319-323	1.2	7
43	Crystal structure and the magnetic state of Pr _{0.5} Sr _{0.5} Co _{0.5} Fe _{0.5} O ₃ . <i>JETP Letters</i> , 2008 , 87, 306-310	1.2	1
42	Crystal and magnetic structures of NdBaCo ₂ O _{5+δ} (δ=0.75): A neutron diffraction study. <i>Physical Review B</i> , 2008 , 77,	3.3	5
41	Short- and long-range order in La _{1-x} Sr _x CoO ₃ and La _{1-x} Ba _x CoO ₃ . <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 2187-2190	3.9	14
40	XAFS and neutron diffraction study of La _{1-x} Sr _x Co _{1-y} Nb _y O ₃ . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 575, 176-179	1.2	2
39	Neutron diffraction and synchrotron radiation studies of magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e181-e183	2.8	5
38	Impurity- and field-induced magnetic orderings in doped quantum antiferromagnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1357-1359	2.8	
37	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		6
36	Effect of the oxygen nonstoichiometry on the structure and magnetic properties of Nd ₂ CoMnO _{6+δ} double perovskites. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 3367-3376	1.3	19
35	Inhomogeneous magnetic states in Fe and Cr substituted LaMnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 036220	1.8	12
34	Mössbauer study of partially ordered cobaltites Nd ₂ CoMnO _{6+δ} with perovskite structure. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 046218	1.8	16
33	Magnetic diffuse scattering from Nd above T _N and deduced exchange interaction parameters. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 286201	1.8	2
32	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	3.9	11
31	EXAFS, X-ray diffraction and Raman studies of (Pb _{1-x} La _x)(Zr _{0.65} Ti _{0.35})O ₃ (x=0.04 and 0.09) ceramics irradiated by high-current pulsed electron beam. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 2007-2012	3.9	14

30	Magnetic ordering in the perovskite system. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 302, 443-447	2.8	17
29	Commensurate/Incommensurate phase transition in TbNi ₅ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 300, e411-e414	2.8	7
28	Metamagnetic behaviour in TbCo _{0.5} Mn _{0.5} O ₃ perovskite. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 9541-9548	1.8	18
27	Drastic Change of Magnetic Phase Diagram in Doped Quantum Antiferromagnet TlCu _{1-x} Mg _x Cl ₃ . <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 033702	1.5	16
26	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	1.2	4
25	BR and neutron diffraction studies of U(Ni _x Cu _{1-x}) ₂ Si ₂ magnetic structure. <i>Physica B: Condensed Matter</i> , 2006 , 374-375, 171-173	2.8	
24	Spin state of cobalt ions in NdCoO ₃ . <i>Crystallography Reports</i> , 2006 , 51, 11-15	0.6	4
23	Phase separation in La _{1-x} Sr _x CoO ₃ solid solutions with a perovskite structure. <i>Crystallography Reports</i> , 2006 , 51, S67-S75	0.6	8
22	Crystal structure, magnetic and electrical properties of the Nd _{1-x} Ba _x CoO ₃ system. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 4181-4195	1.8	20
21	Magnetic phase transitions in TbNi ₅ single crystal: Bulk properties and neutron diffraction studies. <i>JETP Letters</i> , 2005 , 82, 34-38	1.2	12
20	Electronically competing phases and their magnetic field dependence in electron-doped nonsuperconducting and superconducting Pr _{0.88} LaCe _{0.12} CuO ₄ . <i>Physical Review B</i> , 2005 , 71,	3.3	47
19	Structure and Lattice Dynamics in PLZT 8/65/35 Ceramics Irradiated by High-Current Pulsed Electron Beam. <i>Ferroelectrics</i> , 2004 , 302, 327-333	0.6	8
18	Field-induced magnetic phases in the normal and superconducting states of ErNi ₂ B ₂ C. <i>Physical Review B</i> , 2004 , 69,	3.3	17
17	Magnetic properties of La _{1-x} Sr _x CoO ₃ (x= 0.15 and 0.3). <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 7313-7320	1.8	23
16	Modulated spin-density waves in uranium intermetallic compounds with ThCr ₂ Si ₂ structure. <i>Physica B: Condensed Matter</i> , 2004 , 350, E163-E166	2.8	
15	Non-destructive diagnostics of irradiated materials using neutron scattering from pulsed neutron sources. <i>Radiation Physics and Chemistry</i> , 2004 , 71, 519-521	2.5	
14	Magnetic phase diagram of ErNi ₂ B ₂ C. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 97-99	1.3	2
13	Structural study of U(Pd _{1-x} Fe _x) ₂ Ge ₂ at high pressure. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 2825-2832	1.8	1

12	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	0.6	5
11	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	2.8	18
10	Lattice anomalies in CeNi unstable valence compound. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s559-s561	2.6	8
9	Giant tunnelling effect of hydrogen and deuterium in δ manganese. <i>Journal of Alloys and Compounds</i> , 2002 , 330-332, 462-466	5.7	3
8	Magnetic structure of $\text{U}(\text{Pd}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ studied by μSR : comparison with neutron diffraction data. <i>Physica B: Condensed Matter</i> , 2000 , 289-290, 282-285	2.8	5
7	Neutron diffraction study of the $\text{U}(\text{Pd}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ magnetic structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 210, 225-232	2.8	4
6	Modulated magnetic structure of $\text{U}(\text{Pd}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ studied by μSR . <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 7969-7981	1.8	5
5	Ferro-and antiferromagnetic ordering in LaMnO_3 . <i>Physics of the Solid State</i> , 1999 , 41, 91-96	0.8	15
4	Neutron scattering studies of the structure and lattice dynamics of a solid solution of hydrogen in δ -manganese. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, 5255-5266	1.8	13
3	Precision neutron-diffraction study of the high- T_c superconductor $\text{HgBa}_2\text{CuO}_4$. <i>Physical Review B</i> , 1997 , 55, 3966-3973	3.3	46
2	Magnetic structure of iron-doped UPd_2Ge_2 . <i>JETP Letters</i> , 1997 , 66, 647-652	1.2	4
1	Neutron-diffraction study of $\text{YBa}_2\text{Cu}_2.7\text{Zn}_{0.3}\text{O}_{6+y}$ isotope enriched samples. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 259, 173-180	1.3	5