

Andrey Podlesnyak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pressure inelastic neutron scattering study of the anisotropic $S=1$ spin chain	3.2	3
2	Evidence for pressure induced unconventional quantum criticality in the coupled spin ladder antiferromagnet $C_9H_{18}N_2CuBr_4$. Nature Communications, 2022, 13, .	12.8	3
3	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	12.8	24
4	Direct determination of the zero-field splitting for the Fe ion in a synthetic polymorph of		

#	ARTICLE	IF	CITATIONS
19	Effect of Hydration on the Molecular Dynamics of Hydroxychloroquine Sulfate. ACS Omega, 2020, 5, 21231-21240.	3.5	8
20	Electron-phonon coupling and superconductivity in the doped topological crystalline insulator (Pb _{0.5} Sn _{0.5}) _{1-x} In _x Te. Physical Review B, 2020, 102, .	3.2	5
21	Spin-coupling topology in the copper hexamer compounds $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle (\langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{SO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$. Physical Review B, 2020, 101, .		
22	Gradual pressure-induced enhancement of magnon excitations in CeCoSi. Physical Review B, 2020, 101, .	3.2	14
23	Manganese tetraphenylporphyrin bromide and iodide. Studies of structures and magnetic properties. Polyhedron, 2020, 184, 114488.	2.2	9
24	Inelastic neutron scattering study of the anisotropic $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle [\langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ spin chain $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle [\langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

#	ARTICLE	IF	CITATIONS
37	Dynamic magnetic response across the pressure-induced structural phase transition in CeNi. Physical Review B, 2019, 99, .	3.2	1
38	Observation of soft phonon mode in TbFeMn_3 by inelastic neutron scattering. Physical Review B, 2018, 97, .	3.2	1
39	Short-range order in the quantum XXZ honeycomb lattice material $\text{BaCo}_2\text{Mn}_2\text{O}_8$. Physical Review B, 2018, 97, .	3.2	1
40	Valence, exchange interaction, and location of Mn ions in polycrystalline Mn_2C . Physical Review B, 2018, 97, .	3.2	2
41	Intermediate-valence state of the Sm and Eu in SmB_6 and EuCu_2Si_2 : neutron spectroscopy data and analysis. Journal of Physics Condensed Matter, 2018, 30, 055801.	1.8	6
42	Field-induced magnetic phase transitions and metastable states in TbMn_6 . Physical Review B, 2018, 97, .	3.2	1
43	Tunable emergent heterostructures in a prototypical correlated metal. Nature Physics, 2018, 14, 456-460.	16.7	15
44	Spin triplet ground-state in the copper hexamer compounds $\text{AC}_2\text{Cu}_6\text{G}_3$.		

#	ARTICLE	IF	CITATIONS
55	Antiferromagnetic and Orbital Ordering on a Diamond Lattice Near Quantum Criticality. Physical Review X, 2016, 6, .	8.9	21
56	Slow Magnetic Relaxations in Cobalt(II) Tetranitrate Complexes. Studies of Magnetic Anisotropy by Inelastic Neutron Scattering and High-Frequency and High-Field EPR Spectroscopy. Inorganic Chemistry, 2016, 55, 12603-12617.	4.0	39
57	Pressure effect on hydrogen tunneling and vibrational spectrum in Mn^{2+} . Physical Review B, 2016, 94, .	3.2	7
58	Magnetic field dependence of the neutron spin resonance in CeB ₆ . Physical Review B, 2016, 94, .	3.2	9
59	Coupled antiferromagnetic spin in green diopside Cu^{2+} . Physical Review B, 2016, 93, .	3.2	10
60	Magnetic structure of Yb^{2+} Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	3.2	10
61	Orbital Selective Spin Excitations and their Impact on Superconductivity of LiFeAs . Physical Review Letters, 2016, 116, 247001.	7.8	31
62	Quantum Tunneling of Water in Beryl: A New State of the Water Molecule. Physical Review Letters, 2016, 116, 167802.	7.8	92
63	Orbital-exchange and fractional quantum number excitations in an f-electron metal, Yb^{2+} Pt^{2+} Pb . Science, 2016, 352, 1206-1210.	12.6	68
64	Onset of Cooperative Dynamics in an Equilibrium Glass-Forming Metallic Liquid. Journal of Physical Chemistry B, 2016, 120, 1142-1148.	2.6	25
65	Role of Confinement on Adsorption and Dynamics of Ethane and an Ethane- CO_2 Mixture in Mesoporous CPG Silica. Journal of Physical Chemistry C, 2016, 120, 4843-4853.	3.1	28
66	Coincidence of collective relaxation anomaly and specific heat peak in a bulk metallic glass-forming liquid. Physical Review B, 2015, 92, .	3.2	5
67	Pressure-induced structural phase transition in CeNi: X-ray and neutron scattering studies and first-principles calculations. Physical Review B, 2015, 92, .	3.2	3
68	Spin dynamics in pressure-induced magnetically ordered phases in $\text{TjETQqO}_0\text{rgBT/O}$. Physical Review B, 2015, 92, .	3.2	15
69	Extraction of exchange parameters in transition-metal perovskites. Physical Review B, 2015, 92, .	3.2	10
70	Wang <i>et al.</i> Reply. Physical Review Letters, 2015, 115, 149802.	7.8	2
71	Pressure Effect on the Boson Peak in Deeply Cooled Confined Water: Evidence of a Liquid-Liquid Transition. Physical Review Letters, 2015, 115, 235701.	7.8	13
72	Microscopic insight into the origin of enhanced glass-forming ability of metallic melts on micro-alloying. Applied Physics Letters, 2015, 107, .	3.3	5

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73	Quantum critical fluctuations in the heavy fermion compound Ce(Ni _{0.935} Pd _{0.065}) ₂ Ge ₂ . Journal of Physics Condensed Matter, 2015, 27, 015602.	1.8	4
74	Magnetic Transitions in Iron Porphyrin Halides by Inelastic Neutron Scattering and Ab Initio Studies of Zero-Field Splittings. Inorganic Chemistry, 2015, 54, 9790-9801.	4.0	49
75	Inelastic neutron scattering study on boson peaks of imidazolium-based ionic liquids. Journal of Molecular Liquids, 2015, 210, 164-168.	4.9	11
76	Momentum-space structure of quasielastic spin fluctuations in Ce_{3Pd} . Journal of Physics Condensed Matter, 2015, 27, 256003.	3.2	13
77	Damped spin waves in the intermediate ordered phases in Ni_3VO_8 . Journal of Physics Condensed Matter, 2015, 27, 256003.	1.8	2
78	Neutron Scattering of CeNi at the SNS-ORNL: A Preliminary Report. Materials Research Society Symposia Proceedings, 2014, 1683, 26.	0.1	0
79	Magnetic Response of Mn(III)F(salen) at Low Temperatures. Acta Physica Polonica A, 2014, 126, 228-229.	0.5	2
80	Propagation of defects in doped magnetic materials of different dimensionality. Physical Review B, 2014, 89, .	3.2	4
81	Resonance and continuum scattering in the dimerized distorted Kagome lattice antiferromagnet $Rb_2Cu_2SnF_7$. Physical Review B, 2014, 89, .	3.2	12
82	Crystal-field interaction and oxygen stoichiometry effects in strontium-doped rare-earth cobaltates. Physical Review B, 2014, 90, .	3.2	4
83	Defect propagation in one-, two-, and three-dimensional compounds doped by magnetic atoms. Physical Review B, 2014, 90, .	3.2	3
84	Strong Anisotropic Dynamics of Ultra-Confined Water. Journal of Physical Chemistry B, 2014, 118, 13414-13419.	2.6	28
85	High magnetic field evolution of ferroelectricity in $CuCrO_3$. Physical Review B, 2014, 89, .	3.2	17
86	Inelastic neutron scattering studies of $YFeO_3$. Physical Review B, 2014, 89, .	3.2	46
87	Spin excitations in cubic maghemite nanoparticles studied by time-of-flight neutron spectroscopy. Physical Review B, 2014, 89, .	3.2	9
88	Magnetic Excitations in Metalloporphyrins by Inelastic Neutron Scattering: Determination of Zero-Field Splittings in Iron, Manganese, and Chromium Complexes. Inorganic Chemistry, 2014, 53, 1955-1961.	4.0	25
89	A comparison of four direct geometry time-of-flight spectrometers at the Spallation Neutron Source. Review of Scientific Instruments, 2014, 85, 045113.	1.3	107
90	Boson Peak in Deeply Cooled Confined Water: A Possible Way to Explore the Existence of the Liquid-to-Liquid Transition in Water. Physical Review Letters, 2014, 112, 237802.	7.8	24

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91	Magneto-Polaron Formation and Field-Induced Effects with Dilute Doping in $\text{LaCo}_{1-y}\text{Ni}_y\text{O}_3$. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2627-2632.	1.8	0
92	Temperature-driven phase transformation in Y_3Co : Neutron scattering and first-principles studies. Physical Review B, 2013, 88, .	3.2	6
93	A detailed study of the magnetic phase transition in CuCrO_2 . Journal of Physics Condensed Matter, 2013, 25, 496009.	1.8	8
94	Incommensurability and spin dynamics in the low-temperature phases of $\text{Ni}_3\text{V}_2\text{O}_{10}$. Physical Review B, 2013, 88, .	3.2	14
95	Phases of superfluid helium in smooth cylindrical pores. Physical Review B, 2013, 88, .	3.2	16
96	Magnonlike Dispersion of Spin Resonance in Ni-doped Ba_2FeO_7 . Physical Review Letters, 2013, 110, 177002.	7.8	21
97	Dynamics of the Fast Component of Nano-Confined Water Under Electric Field. Journal of the Physical Society of Japan, 2013, 82, SA007.	1.6	1
98	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr_8Ni . Physical Review B, 2012, 86, .	3.2	14
99	Magnetic structure of CuCrO_2 : a single crystal neutron diffraction study. Journal of Physics Condensed Matter, 2012, 24, 016004.	1.8	30
100	Dipolar Antiferromagnetism and Quantum Criticality in LiErF_4 . Science, 2012, 336, 1416-1419.	12.6	42
101	Magnetic properties of the $S=12$ quasisquare lattice antiferromagnet $\text{CuF}_2(\text{H}_2\text{O})_2(\text{pyz})$ ($\text{pyz}=\text{pyrazine}$) investigated by neutron scattering. Physical Review B, 2012, 86, .	3.2	15
102	Structure and magnetic properties of the pyrochlore iridate $\text{Y}_2\text{Ir}_2\text{O}_7$. Physical Review B, 2012, 85, .	3.2	91
103	Enhanced survival of short-range magnetic correlations and frustrated interactions in $\text{Cu}_3\text{V}_2\text{O}_{10}$. Physical Review B, 2012, 86, .	3.2	19
104	Effect of carrier doping on the formation and collapse of magnetic polarons in lightly hole-doped $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. Physical Review B, 2011, 83, .	3.2	25
105	Long-range magnetic interactions in the multiferroic antiferromagnet MnWO_4 . Physical Review B, 2011, 83, .	3.2	64
106	Giant anharmonic phonon scattering in PbTe . Nature Materials, 2011, 10, 614-619.	27.5	561
107	Persistence of magnons in a site-diluted dimerized frustrated antiferromagnet. Journal of Physics Condensed Matter, 2011, 23, 416003.	1.8	5
108	Magnetic excitations in the geometric frustrated multiferroic CuCrO_2 . Physical Review B, 2011, 84, .	3.2	50

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109	Publisher's Note: Long-range magnetic interactions in the multiferroic antiferromagnet MnWO ₄ [Phys. Rev. B83, 140401(R) (2011)]. Physical Review B, 2011, 84, .	3.2	0
110	Diffusion processes in water on oxide surfaces: Quasielastic neutron scattering study of hydration water in rutile nanopowder. Physical Review E, 2011, 84, 031505.	2.1	7
111	Low-energy magnetic excitations in Co/CoO core/shell nanoparticles. Physical Review B, 2011, 83, .	3.2	18
112	The new cold neutron chopper spectrometer at the Spallation Neutron Source: Design and performance. Review of Scientific Instruments, 2011, 82, 085108.	1.3	220
113	Kinetically inhibited order in a diamond-lattice antiferromagnet. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15693-15698.	7.1	41
114	Evidence for Magnetic Polarons in Hole-Doped Cobalt Perovskites. Materials Research Society Symposia Proceedings, 2010, 1256, 1.	0.1	0
115	Single-crystal neutron diffraction study of the magnetic structure of Er ₃ Co. Physical Review B, 2010, 82, .	3.2	11
116	Anisotropic magnetic field responses of ferroelectric polarization in the trigonal multiferroic CuFe . Physical Review B, 2010, 81, .	3.2	8
117	Quantized antiferromagnetic spin waves in the molecular Heisenberg ring CsFe ₈ . Physical Review B, 2010, 81, .	3.2	27
118	Formation of magnetic polarons in lightly Ca doped LaCoO ₃ . Journal of Physics: Conference Series, 2010, 200, 012080.	0.4	1
119	Einstein modes in the phonon density of states of the single-filled skutterudite Yb . Physical Review B, 2010, 82, .	3.2	77
120	TbEr _{1-x} Ni ₅ compounds: An ideal model system for competing Ising-XY anisotropy energies. Physical Review B, 2009, 79, .	3.2	21
121	Spontaneous and field-induced magnetic transitions in YBaCo ₂ O _{5.5} . Journal of Magnetism and Magnetic Materials, 2009, 321, 429-437.	2.3	6
122	Specific features of the structure, magnetic properties, and heat capacity of intercalated compounds Cr _x TiSe ₂ . Physics of the Solid State, 2009, 51, 933-939.	0.6	9
123	Origin of a spin-state polaron in lightly hole doped LaCoO ₃ . Journal of Physics: Conference Series, 2009, 150, 042003.	0.4	6
124	Butterflylike specific heat, magnetocaloric effect, and itinerant metamagnetism in Er . Physical Review B, 2009, 79, .	3.2	21
125	Studies of Finite Molecular Chains: Synthesis, Structural, Magnetic and Inelastic Neutron Scattering Studies of Hexa- and Heptanuclear Chromium Horseshoes. Chemistry - A European Journal, 2008, 14, 5144-5158.	3.3	38
126	Spin-State Polarons in Lightly-Hole-Doped LaCoO_3 . Physical Review Letters, 2008, 101, 247603.	7.8	76

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127	Spectroscopic and Theoretical Study of a Mononuclear Manganese(III) Complex Exhibiting a Tetragonally Compressed Geometry. <i>Inorganic Chemistry</i> , 2008, 47, 439-447.	4.0	52
128	Superstructure formation at the metal-insulator transition in $\text{RBaCo}_2\text{O}_{5.5}$ (R=Nd,Tb) as seen from reciprocal space mapping. <i>Physical Review B</i> , 2008, 78, .	3.2	14
129	Extra-linear specific heat contribution induced by the f-d-exchange in Gd-Ni binary compounds. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 325233.	1.8	12
130	Fast and slow dynamics in $\text{Pr}_6\text{Ni}_{10}\text{Cu}_2\text{OAl}_{10}$ melts as seen by neutron scattering. <i>Journal of Applied Physics</i> , 2008, 103, 013509.	2.5	19
131	Identification of microscopic spin-polarization coupling in the ferroelectric phase of magnetoelectric multiferroic $\text{CuFe}^{3+}\text{Mn}^{2+}$. <i>Physical Review B</i> , 2008, 78, .	3.2	35
132	Molecular Dynamics in Ammonium Dihydrogen Phosphate Using Quasielastic Incoherent Neutron Scattering. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
133	High-field magnetization and magnetic structure of Tb_3Co . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 326213.	1.8	16
134	Magnetic excitations in the spin-trimer compounds $\text{Ca}_3\text{Cu}_3\text{Ni}_x(\text{PO}_4)_4$ (x=0,1,2). <i>Physical Review B</i> , 2007, 76, .	3.2	17
135	Spin Noncollinearity in Multiferroic Phase of Triangular Lattice Antiferromagnet $\text{CuFe}_{1-x}\text{Al}_x\text{O}_2$. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 043709.	1.6	78
136	The pseudogap in LSCO-type high-temperature superconductors as seen by neutron crystal-field spectroscopy. <i>Progress in Solid State Chemistry</i> , 2007, 35, 415-420.	7.2	1
137	Charge Ordering as Alternative to Jahn-Teller Distortion. <i>Physical Review Letters</i> , 2007, 98, .	7.8	241
138	Multi-step magnetic ordering in frustrated thiospinel MnSc_2S_4 . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 145262.	1.8	6
139	Enhanced magnetic entropy in GdNi_2 . <i>Physical Review B</i> , 2007, 75, .	3.2	10
140	Possible reappearance of the charge density wave transition in MxTiSe_2 compounds intercalated with 3d metals. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 016005.	1.8	16
141	Magnetic correlations in heavy fermion CeAl_3 compound. <i>Solid State Communications</i> , 2007, 141, 474-479.	1.9	2
142	Molecular dynamics in ammonium dihydrogen phosphate using incoherent neutron scattering. <i>Chemical Physics</i> , 2007, 335, 233-241.	1.9	8
143	Transport properties and oxygen isotope effect in layered cobaltites $\text{RBaCo}_2\text{O}_{5+x}$. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 907-909.	2.3	5
144	Effect of light Sr doping on the spin state transition in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1552-1554.	2.3	19

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145	Magnetic and electric transport properties of TbBaCo ₂ O _{5.5} single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e710-e712.	2.3	10
146	Magnetic correlations in the CeAl ₃ heavy-fermion system. <i>Crystallography Reports</i> , 2007, 52, 398-402.	0.6	0
147	Neutron diffraction investigation of a metamagnetic transition in the Tb _{0.1} Tm _{0.9} Co ₂ compound. <i>Physics of the Solid State</i> , 2007, 49, 1305-1309.	0.6	1
148	Peculiarities of the magnetic structure of the cryogenic permanent magnet Tb ₃ Co. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 1632-1634.	0.6	0
149	Layered Cobaltites: Synthesis, Oxygen Nonstoichiometry, Transport and Magnetic Properties. <i>Acta Physica Polonica A</i> , 2007, 111, 7-14.	0.5	10
150	High-temperature order-disorder transition and polaronic conductivity in PrBaCo ₂ O _{5.48} . <i>Physical Review B</i> , 2006, 73, .	3.2	93
151	Short-range charge ordering in Ho _{0.1} Sr _{0.9} CoO ₃ \tilde{x} (0.15 $\hat{\circ}$ 1/2 $\hat{\circ}$ 1/20.49). <i>Physical Review B</i> , 2006, 73, .	3.2	16
152	Low-temperature spin-state transition in LaCoO ₃ investigated using resonant x-ray absorption at the Co K-edge. <i>Physical Review B</i> , 2006, 73, .	3.2	60
153	Spin-State Transition in LaCoO ₃ : Direct Neutron Spectroscopic Evidence of Excited Magnetic States. <i>Physical Review Letters</i> , 2006, 97, 247208.	7.8	222
154	Molecular dynamics in triglycine sulphate by cold neutron spectroscopy. <i>Chemical Physics</i> , 2006, 322, 323-330.	1.9	5
155	Oxygen order $\hat{\circ}$ disorder phase transition in PrBaCo ₂ O _{5.48} at high temperature. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 539-540.	2.7	19
156	Pressure effects on crystal structure, magnetic and transport properties of layered perovskite. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 537-538.	2.7	16
157	Unusual magnetic phase transitions of TbNi ₅ . <i>Physica B: Condensed Matter</i> , 2006, 385-386, 349-352.	2.7	3
158	The concentration metamagnetic transition in Tm ₁ $\hat{\circ}$ \tilde{x} Tb _x Co ₂ compounds. <i>Physics of the Solid State</i> , 2006, 48, 1321-1327.	0.6	0
159	Commensurate $\hat{\circ}$ incommensurate phase transition in TbNi ₅ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e411-e414.	2.3	7
160	Pressure effect on the pseudogap in the optimally doped high-temperature superconductor La _{1.81} Sr _{0.15} Ho _{0.04} Cu ₁₆ O ₄ . <i>Europhysics Letters</i> , 2006, 73, 260-266.	2.0	7
161	Direct observation of phase coherence in 3-kmagnetic configurations. <i>Philosophical Magazine</i> , 2006, 86, 2553-2565.	1.6	4
162	Irreversibility of the magnetic state of Tm ₁ $\hat{\circ}$ \tilde{x} Tb _x Co ₂ revealed by specific heat, electrical resistivity, and neutron diffraction measurements. <i>Physical Review B</i> , 2006, 73, .	3.2	16

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163	Magnetic properties of the KagomÃ© mixed compounds(CoxNi1-Ã©x)3V2O8. Physical Review B, 2006, 74, .	3.2	25
164	Pseudogap of the high-temperature superconductorLa1.96-Ã©xSrxHo0.04CuO4as observed by neutron crystal-field spectroscopy. Physical Review B, 2006, 74, .	3.2	16
165	Effect of oxygen nonstoichiometry on structural and magnetic properties of. Physica B: Condensed Matter, 2005, 359-361, 1348-1350.	2.7	2
166	Sub-liquidus co-crystallization in the Ln2O3-Ã©BaO-Ã©CoO system: growth of large LnBaCo2O5+x (Ln=Eu,) Tj ETQq0 0 0 rgBT /Overlock	1.5	0
167	Electrochemical crystal growth and properties in Ln2O3-Ã©MnO-Ã©CoO (Ln=La, Ho) system. Journal of Crystal Growth, 2005, 275, e751-e756.	1.5	1
168	Primary crystallization fields, growth features and properties of rare earth and barium-based cobaltates. Journal of Crystal Growth, 2005, 275, e813-e818.	1.5	14
169	Magnetic phase transitions in TbNi5 single crystal: Bulk properties and neutron diffraction studies. JETP Letters, 2005, 82, 34-38.	1.4	12
170	Crystal growth features and properties of layered rare earth and barium cobaltates. Crystal Research and Technology, 2005, 40, 395-399.	1.3	17
171	Effect of oxygen ordering on the structural and magnetic properties of the layered perovskites PrBaCo2O5+I. Journal of Physics Condensed Matter, 2005, 17, 3317-3324.	1.8	52
172	Neutron spectroscopic study of the pseudogap formation in La1.81Sr0.15Ho0.04CuO4at ambient and elevated pressure. Journal of Physics Condensed Matter, 2005, 17, S801-S806.	1.8	2
173	Spin structure and magnetic phase transitions inTbBaCo2O5.5. Physical Review B, 2005, 71, .	3.2	98
174	Oxygen isotope effect on metal-Ã©insulator transition in layered cobaltites RBaCo2O5.5(R = Pr, Dy, Ho) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	39
175	Antiferromagnetism in the ordered subsystem of Cr ions intercalated into titanium diselenide. Journal of Physics Condensed Matter, 2005, 17, 5255-5262.	1.8	16
176	Observation of the pseudogap in the heavily overdoped high-temperature superconductor La 1.71 Sr 0.25 Ho 0.04 CuO 4. Europhysics Letters, 2004, 67, 1018-1023.	2.0	4
177	Ni intercalation of titanium diselenide:Ã©effect on the lattice, specific heat and magnetic properties. Journal of Physics Condensed Matter, 2004, 16, 9243-9258.	1.8	15
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179	Effect of oxygen nonstoichiometry on structural and magnetic properties of Ho0.1Sr0.9CoO3-Ã©x perovskites (0.15-Ã©1/2-Ã©1/2-0.49). Physica B: Condensed Matter, 2004, 350, E281-E284.	2.7	6
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