

Andrey Podlesnyak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2091615/publications.pdf>

Version: 2024-02-01

220
papers

4,771
citations

126708

33
h-index

123241

61
g-index

223
all docs

223
docs citations

223
times ranked

5692
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure inelastic neutron scattering study of the anisotropic $S=1$ spin chain	1.1	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, .	5.8	3
3	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	5.8	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.	1.6	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, .	1.1	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, .	1.1	14
22	Gradual pressure-induced enhancement of magnon excitations in CeCoSi. Physical Review B, 2020, 101, .	1.1	14
23	Manganese tetraphenylporphyrin bromide and iodide. Studies of structures and magnetic properties. Polyhedron, 2020, 184, 114488.	1.0	9
24	Inelastic neutron scattering study of the anisotropic $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ spin chain $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mo} \rangle [\langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle$		

#	ARTICLE	IF	CITATIONS
37	Dynamic magnetic response across the pressure-induced structural phase transition in CeNi. Physical Review B, 2019, 99, .	1.1	1
38	Observation of soft phonon mode in TbFeMn_3 by inelastic neutron scattering. Physical Review B, 2018, 97, .		
39	Short-range order in the quantum XXZ honeycomb lattice material $\text{BaCo}_2\text{V}_2\text{O}_{10}$. Physical Review B, 2018, 97, .		
40	Valence, exchange interaction, and location of Mn ions in polycrystalline Mn_2C . Physical Review B, 2018, 97, .	1.1	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.	0.7	6
42	Field-induced magnetic phase transitions and metastable states in TbMn_3 . Physical Review B, 2018, 97, .		
43	Tunable emergent heterostructures in a prototypical correlated metal. Nature Physics, 2018, 14, 456-460.	6.5	15
44	Spin triplet ground-state in the copper hexamer compounds $\text{Cu}_6\text{C}_3\text{u}$.		

#	ARTICLE	IF	CITATIONS
55	Antiferromagnetic and Orbital Ordering on a Diamond Lattice Near Quantum Criticality. Physical Review X, 2016, 6, .	2.8	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.	1.9	39
57	Pressure effect on hydrogen tunneling and vibrational spectrum in Mn^{2+} . Physical Review B, 2016, 94, .	1.1	7
58	Magnetic field dependence of the neutron spin resonance in CeB ₆ . Physical Review B, 2016, 94, .	1.1	9
59	Coupled antiferromagnetic spin in green diopside Cu^{2+} . Physical Review B, 2016, 93, .	1.1	10
60	Magnetic structure of Yb^{2+} Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	1.1	10
61	Orbital Selective Spin Excitations and their Impact on Superconductivity of LiFeAs . Physical Review Letters, 2016, 116, 247001.	2.9	31
62	Quantum Tunneling of Water in Beryl: A New State of the Water Molecule. Physical Review Letters, 2016, 116, 167802.	2.9	92
63	Orbital-exchange and fractional quantum number excitations in an f-electron metal, Yb^{2+} Pt Pt^{2+} . Science, 2016, 352, 1206-1210.	6.0	68
64	Onset of Cooperative Dynamics in an Equilibrium Glass-Forming Metallic Liquid. Journal of Physical Chemistry B, 2016, 120, 1142-1148.	1.2	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.	1.5	28
66	Coincidence of collective relaxation anomaly and specific heat peak in a bulk metallic glass-forming liquid. Physical Review B, 2015, 92, .	1.1	5
67	Pressure-induced structural phase transition in CeNi: X-ray and neutron scattering studies and first-principles calculations. Physical Review B, 2015, 92, .	1.1	3
68	Spin dynamics in pressure-induced magnetically ordered phases in $\text{TjETQqO}_0\text{rgBT/O}$. Physical Review B, 2015, 92, .	1.1	15
69	Extraction of exchange parameters in transition-metal perovskites. Physical Review B, 2015, 92, .	1.1	10
70	Wang <i>et al.</i> Reply. Physical Review Letters, 2015, 115, 149802.	2.9	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.	2.9	13
72	Microscopic insight into the origin of enhanced glass-forming ability of metallic melts on micro-alloying. Applied Physics Letters, 2015, 107, .	1.5	5

#	ARTICLE	IF	CITATIONS
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.	0.7	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.	1.9	49
75	Inelastic neutron scattering study on boson peaks of imidazolium-based ionic liquids. Journal of Molecular Liquids, 2015, 210, 164-168.	2.3	11
76	Momentum-space structure of quasielastic spin fluctuations in $Ce_{1-x}Pd_x$. Physical Review B, 2014, 89, .	1.1	13
77	Damped spin waves in the intermediate ordered phases in $Ni_{1-x}V_xO_8$. Journal of Physics Condensed Matter, 2015, 27, 256003.	0.7	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.	0.2	2
80	Propagation of defects in doped magnetic materials of different dimensionality. Physical Review B, 2014, 89, .	1.1	4
81	Resonance and continuum scattering in the dimerized distorted Kagome lattice antiferromagnet $Rb_2Cu_2O_3$. Physical Review B, 2014, 89, .	1.1	12
82	Crystal-field interaction and oxygen stoichiometry effects in strontium-doped rare-earth cobaltates. Physical Review B, 2014, 90, .	1.1	4
83	Defect propagation in one-, two-, and three-dimensional compounds doped by magnetic atoms. Physical Review B, 2014, 90, .	1.1	3
84	Strong Anisotropic Dynamics of Ultra-Confined Water. Journal of Physical Chemistry B, 2014, 118, 13414-13419.	1.2	28
85	High magnetic field evolution of ferroelectricity in $CuCrO_2$. Physical Review B, 2014, 89, .	1.1	17
86	Inelastic neutron scattering studies of $YFeO_3$. Physical Review B, 2014, 89, .	1.1	46
87	Spin excitations in cubic maghemite nanoparticles studied by time-of-flight neutron spectroscopy. Physical Review B, 2014, 89, .	1.1	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.	1.9	25
89	A comparison of four direct geometry time-of-flight spectrometers at the Spallation Neutron Source. Review of Scientific Instruments, 2014, 85, 045113.	0.6	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.	2.9	24

#	ARTICLE	IF	CITATIONS
91	Magneto-Polaron Formation and Field-Induced Effects with Dilute Doping in $\text{LaCo}_{1-x}\text{Ni}_x\text{O}_3$. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2627-2632.	0.8	0
92	Temperature-driven phase transformation in Y_3Co : Neutron scattering and first-principles studies. Physical Review B, 2013, 88, .	1.1	6
93	A detailed study of the magnetic phase transition in CuCrO_2 . Journal of Physics Condensed Matter, 2013, 25, 496009.	0.7	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, .	1.1	14
95	Phases of superfluid helium in smooth cylindrical pores. Physical Review B, 2013, 88, .	1.1	16
96	Magnonlike Dispersion of Spin Resonance in Ni-doped Ba_2FeO_7 . Physical Review Letters, 2013, 110, 177002.	2.9	21
97	Dynamics of the Fast Component of Nano-Confined Water Under Electric Field. Journal of the Physical Society of Japan, 2013, 82, SA007.	0.7	1
98	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr_8Ni . Physical Review B, 2012, 86, .	1.1	14
99	Magnetic structure of CuCrO_2 : a single crystal neutron diffraction study. Journal of Physics Condensed Matter, 2012, 24, 016004.	0.7	30
100	Dipolar Antiferromagnetism and Quantum Criticality in LiErF_4 . Science, 2012, 336, 1416-1419.	6.0	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, .	1.1	15
102	Structure and magnetic properties of the pyrochlore iridate $\text{Y}_2\text{Ir}_2\text{O}_7$. Physical Review B, 2012, 85, .	1.1	91
103	Enhanced survival of short-range magnetic correlations and frustrated interactions in $\text{R}_3\text{T}_2\text{O}_{10}$. Physical Review B, 2012, 86, .	1.0	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, .	1.1	25
105	Long-range magnetic interactions in the multiferroic antiferromagnet MnWO_4 . Physical Review B, 2011, 83, .	1.1	64
106	Giant anharmonic phonon scattering in PbTe . Nature Materials, 2011, 10, 614-619.	18.3	561
107	Persistence of magnons in a site-diluted dimerized frustrated antiferromagnet. Journal of Physics Condensed Matter, 2011, 23, 416003.	0.7	5
108	Magnetic excitations in the geometric frustrated multiferroic CuCrO_2 . Physical Review B, 2011, 84, .	1.1	50

#	ARTICLE	IF	CITATIONS
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, .	1.1	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.	0.8	7
111	Low-energy magnetic excitations in Co/CoO core/shell nanoparticles. Physical Review B, 2011, 83, .	1.1	18
112	The new cold neutron chopper spectrometer at the Spallation Neutron Source: Design and performance. Review of Scientific Instruments, 2011, 82, 085108.	0.6	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.	3.3	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, .	1.1	11
116	Anisotropic magnetic field responses of ferroelectric polarization in the trigonal multiferroic CuFe . Physical Review B, 2010, 81, .	1.1	8
117	Quantized antiferromagnetic spin waves in the molecular Heisenberg ring CsFe ₈ . Physical Review B, 2010, 81, .	1.1	27
118	Formation of magnetic polarons in lightly Ca doped LaCoO ₃ . Journal of Physics: Conference Series, 2010, 200, 012080.	0.3	1
119	Einstein modes in the phonon density of states of the single-filled skutterudite Yb . Physical Review B, 2010, 82, .	1.1	77
120	TbEr _{1-x} Ni ₅ compounds: An ideal model system for competing Ising-XY anisotropy energies. Physical Review B, 2009, 79, .	1.1	21
121	Spontaneous and field-induced magnetic transitions in YBaCo ₂ O _{5.5} . Journal of Magnetism and Magnetic Materials, 2009, 321, 429-437.	1.0	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.	0.2	9
123	Origin of a spin-state polaron in lightly hole doped LaCoO ₃ . Journal of Physics: Conference Series, 2009, 150, 042003.	0.3	6
124	Butterflylike specific heat, magnetocaloric effect, and itinerant metamagnetism in Er . Physical Review B, 2009, 79, .	1.1	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.	1.7	38
126	Spin-State Polarons in Lightly-Hole-Doped LaCoO_3 . Physical Review Letters, 2008, 101, 247603.	2.9	76

#	ARTICLE	IF	CITATIONS
127	Spectroscopic and Theoretical Study of a Mononuclear Manganese(III) Complex Exhibiting a Tetragonally Compressed Geometry. <i>Inorganic Chemistry</i> , 2008, 47, 439-447.	1.9	52
128	Superstructure formation at the metal-insulator transition in $\text{RBaCo}_2\text{O}_{5.5}$ ($R=\text{Nd}, \text{Tb}$) as seen from reciprocal space mapping. <i>Physical Review B</i> , 2008, 78, .	1.1	14
129	Extra-linear specific heat contribution induced by the d -exchange in Gd-Ni binary compounds. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 325233.	0.7	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.	1.1	19
131	Identification of microscopic spin-polarization coupling in the ferroelectric phase of magnetoelectric multiferroic CuFe_2O_4 . <i>Physical Review B</i> , 2008, 78, .	1.1	35
132	Molecular Dynamics in Ammonium Dihydrogen Phosphate Using Quasielastic Incoherent Neutron Scattering. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
133	High-field magnetization and magnetic structure of Tb_3Co . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 326213.	0.7	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, .	1.1	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.	0.7	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.	3.9	1
137	Charge Ordering as Alternative to Jahn-Teller Distortion. <i>Physical Review Letters</i> , 2007, 98, .	2.9	241
138	Multi-step magnetic ordering in frustrated thiospinel MnSc_2S_4 . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 145262.	0.7	6
139	Enhanced magnetic entropy in GdNi_2 . <i>Physical Review B</i> , 2007, 75, .	1.1	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.	0.7	16
141	Magnetic correlations in heavy fermion CeAl_3 compound. <i>Solid State Communications</i> , 2007, 141, 474-479.	0.9	2
142	Molecular dynamics in ammonium dihydrogen phosphate using incoherent neutron scattering. <i>Chemical Physics</i> , 2007, 335, 233-241.	0.9	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.	1.0	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.	1.0	19

#	ARTICLE	IF	CITATIONS
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.	1.0	10
146	Magnetic correlations in the CeAl ₃ heavy-fermion system. <i>Crystallography Reports</i> , 2007, 52, 398-402.	0.1	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.	0.2	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.	0.1	0
149	Layered Cobaltites: Synthesis, Oxygen Nonstoichiometry, Transport and Magnetic Properties. <i>Acta Physica Polonica A</i> , 2007, 111, 7-14.	0.2	10
150	High-temperature order-disorder transition and polaronic conductivity in PrBaCo ₂ O _{5.48} . <i>Physical Review B</i> , 2006, 73, .	1.1	93
151	Short-range charge ordering in Ho _{0.1} Sr _{0.9} CoO _{3-x} (0.15 ≤ x ≤ 0.49). <i>Physical Review B</i> , 2006, 73, .	1.1	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, .	1.1	60
153	Spin-State Transition in LaCoO ₃ : Direct Neutron Spectroscopic Evidence of Excited Magnetic States. <i>Physical Review Letters</i> , 2006, 97, 247208.	2.9	222
154	Molecular dynamics in triglycine sulphate by cold neutron spectroscopy. <i>Chemical Physics</i> , 2006, 322, 323-330.	0.9	5
155	Oxygen order-disorder phase transition in PrBaCo ₂ O _{5.48} at high temperature. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 539-540.	1.3	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.	1.3	16
157	Unusual magnetic phase transitions of TbNi ₅ . <i>Physica B: Condensed Matter</i> , 2006, 385-386, 349-352.	1.3	3
158	The concentration metamagnetic transition in Tm _{1-x} Tb _x Co ₂ compounds. <i>Physics of the Solid State</i> , 2006, 48, 1321-1327.	0.2	0
159	Commensurate-incommensurate phase transition in TbNi ₅ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e411-e414.	1.0	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.	0.7	7
161	Direct observation of phase coherence in 3-kmagnetic configurations. <i>Philosophical Magazine</i> , 2006, 86, 2553-2565.	0.7	4
162	Irreversibility of the magnetic state of Tm _{1-x} Tb _x Co ₂ revealed by specific heat, electrical resistivity, and neutron diffraction measurements. <i>Physical Review B</i> , 2006, 73, .	1.1	16

#	ARTICLE	IF	CITATIONS
163	Magnetic properties of the KagomÃ© mixed compounds(CoxNi1-Ã©x)3V2O8. Physical Review B, 2006, 74, .	1.1	25
164	Pseudogap of the high-temperature superconductorLa1.96-Ã©xSrxHo0.04CuO4as observed by neutron crystal-field spectroscopy. Physical Review B, 2006, 74, .	1.1	16
165	Effect of oxygen nonstoichiometry on structural and magnetic properties of. Physica B: Condensed Matter, 2005, 359-361, 1348-1350.	1.3	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	0.7	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.	0.7	1
168	Primary crystallization fields, growth features and properties of rare earth and barium-based cobaltates. Journal of Crystal Growth, 2005, 275, e813-e818.	0.7	14
169	Magnetic phase transitions in TbNi5 single crystal: Bulk properties and neutron diffraction studies. JETP Letters, 2005, 82, 34-38.	0.4	12
170	Crystal growth features and properties of layered rare earth and barium cobaltates. Crystal Research and Technology, 2005, 40, 395-399.	0.6	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.	0.7	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.	0.7	2
173	Spin structure and magnetic phase transitions inTbBaCo2O5.5. Physical Review B, 2005, 71, .	1.1	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	0.7	39
175	Antiferromagnetism in the ordered subsystem of Cr ions intercalated into titanium diselenide. Journal of Physics Condensed Matter, 2005, 17, 5255-5262.	0.7	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.	0.7	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.	0.7	15
178	The influence of Th substitution on the crystal structure and the crystal field spectrum of the high-Tc superconductor HoBa2Cu3O6.95. Physica B: Condensed Matter, 2004, 350, E335-E337.	1.3	0
179	Effect of oxygen nonstoichiometry on structural and magnetic properties of Ho0.1Sr0.9CoO3-Ã©x perovskites (0.15-Ã©1/2x-Ã©1/20.49). Physica B: Condensed Matter, 2004, 350, E281-E284.	1.3	6
180	Superconducting magnetization and pressure effect on Tc in the infinite-layer high-Tc superconductors. Physica C: Superconductivity and Its Applications, 2004, 402, 317-324.	0.6	2

#	ARTICLE	IF	CITATIONS
181	Isotope, pressure, and doping effects on the pseudogap in the LSCO-type compounds studied by neutron spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 773-774.	0.6	7
182	Magnetic structures and magnetic phase transitions in Ho ₃ Co. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 565-567.	1.0	10
183	Magnetic properties of Ho _{0.1} Sr _{0.9} CoO ₃ perovskites (0.15 \times 1/2 \times 0.49). <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E457-E458.	1.0	0
184	Neutron-scattering studies of the pressure effect on the magnetic transition in Ho(Co _{0.9} Ga _{0.1}) ₂ . <i>Physica B: Condensed Matter</i> , 2004, 350, E143-E146.	1.3	2
185	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 543-554.	0.5	5
186	Studies of single crystal ErCo ₂ under pressure and magnetic field. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 653-654.	1.3	7
187	New magnetic structure study of TbNi ₅ : Evidence of incommensurate structure. <i>Europhysics Letters</i> , 2003, 62, 350-356.	0.7	15
188	Onset of magnetism in Y _{1-x} Gd _x Co ₂ : effect on the heat capacity and electrical resistivity. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 5371-5382.	0.7	17
189	Magnetic transition in Er _{1-x} Y _x Co ₂ (x=0,0.4) single crystals probed by neutron scattering in magnetic fields. <i>Physical Review B</i> , 2002, 66, .	1.1	15
190	The effect of Ca and Th substitution on the crystal-field spectrum of the high-T _c superconductor HoBa ₂ Cu ₃ O _x . <i>Journal of Physics Condensed Matter</i> , 2002, 14, 1923-1936.	0.7	4
191	Crystal-field spectrum of R _{1-y} Ca _y Ba ₂ Cu ₃ O _x high-T _c superconductors in the overdoped regime. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1019-s1021.	1.1	2
192	Magnetic properties and crystal-field excitations in R _x Sr _{1-x} CoO ₃ . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1746-s1748.	1.1	4
193	Neutron-diffraction investigation of the metamagnetic transition in ErCo ₂ . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s598-s600.	1.1	14
194	Superposition structure of crystal field spectra in high-T _c superconductors: Overdoped regime. <i>Journal of Experimental and Theoretical Physics</i> , 2002, 94, 1013-1025.	0.2	2
195	Frustrated Phase Separation in the Overdoped Regime of $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_3\text{O}_x$ High-T _c Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2002, 15, 367-372.	0.5	3
196	Magnetization and neutron scattering studies of the pressure effect on the magnetic transition in Er _{0.57} Y _{0.43} Co ₂ . <i>European Physical Journal B</i> , 2002, 29, 547-552.	0.6	5
197	Charge order in high-T _c copper oxides probed by crystalline electric field interaction. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 780-781.	1.3	0
198	Charge order in high-T _c copper oxides probed by crystal-field interaction. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1049-1050.	1.3	0

#	ARTICLE	IF	CITATIONS
199	Peculiarities of crystal structure and crystal-field excitations in $\text{AlSr}_2\text{RCu}_2\text{O}_7$ (R=Y, Er). <i>Physica C: Superconductivity and Its Applications</i> , 2000, 334, 55-63.	0.6	1
200	From SrCuO_2 to $\text{Sr}_8\text{Cu}_8\text{O}_{20}\text{y}$: Why Are Superconducting Properties of Infinite-Layer Compounds so Poor?. <i>Journal of Superconductivity and Novel Magnetism</i> , 2000, 13, 145-152.	0.5	2
201	Crystal-field spectrum in $\text{RBa}_2\text{Cu}_3\text{O}_x$ (R = Er, Ho) high- T_c superconductors: evidence for charge order in CuO_2 planes. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 7155-7173.	0.7	7
202	Neutron diffraction study of deuterium ordering in C15 type TaV_2D_x ($x > 1$) in the temperature range of 1.5–295 K. <i>Journal of Alloys and Compounds</i> , 1997, 253-254, 282-285.	2.8	24
203	Neutron spectroscopic studies of crystalline electric field in infinite-layer $\text{Sr}_{1-x}\text{Nd}_x\text{CuO}_2$. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 794-796.	1.3	0
204	Neutron powder diffraction study of the infinite-layer compounds $\text{Sr}_{1-x}\text{Nd}_x\text{CuO}_2$. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 818-820.	1.3	3
205	Neutron diffraction and neutron spectroscopic studies of crystalline electric field in $\text{AlSr}_2\text{LnCu}_2\text{O}_7$ (Ln = Y, Er, Ho). <i>Physica B: Condensed Matter</i> , 1997, 241-243, 862-864.	1.3	0
206	Neutron spectroscopic study of crystalline electric-field in infinite-layer $\text{Sr}_{1-x}\text{Nd}_x\text{CuO}_2$. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 1335-1336.	0.6	1
207	Crystal structure and inelastic neutron scattering in the infinite-layer compounds $\text{Sr}_{1-x}\text{Nd}_x\text{CuO}_2$. <i>European Physical Journal D</i> , 1996, 46, 1411-1412.	0.4	0
208	New elaboration technique, structure and physical properties of infinite-layer $\text{Sr}_{1-x}\text{Ln}_x\text{CuO}_2$ (Ln = Nd, Y). <i>Journal of Applied Physics</i> , 1994, 75, 6331-6333.	0.6	16
209	Magnetic order of Pr ions in related perovskite-type Pr_{123} compounds. <i>Journal of Applied Physics</i> , 1994, 75, 6331-6333.	1.1	11
210	Synthesis, crystal structure and inelastic neutron scattering in the infinite-layer compounds $\text{Sr}_{1-x}\text{Nd}_x\text{CuO}_2$. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 311-317.	0.6	4
211	Synthesis, crystal structure and inelastic neutron scattering in the infinite-layer compounds $\text{Sr}_{1-x}\text{Nd}_x\text{CuO}_2$. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1001-1002.	0.6	0
212	Crystal-field levels in the distorted perovskite PrGaO_3 . <i>Journal of Physics Condensed Matter</i> , 1994, 6, 4099-4106.	0.7	27
213	Neutron diffraction study of the structure of the A15-type deuteride $\text{Ti}_3\text{SbD}_{2.6}$. <i>Journal of Alloys and Compounds</i> , 1994, 210, 27-29.	2.8	7
214	Magnetic order of Pr ions in $\text{PrBa}_2\text{Cu}_3\text{O}_6$. <i>Solid State Communications</i> , 1993, 88, 57-61.	0.9	19
215	Crystal-field and magnetic properties of the distorted perovskite NdGaO_3 . <i>Journal of Physics Condensed Matter</i> , 1993, 5, 8973-8982.	0.7	40
216	Neutron scattering studies of crystal structure and crystalline electric field in high- T_c $\text{ErBa}_2\text{Cu}_3\text{O}_x$ disordered by fast neutron irradiation. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 200, 337-343.	0.6	9

#	ARTICLE	IF	CITATIONS
217	Neutron spectroscopic studies of crystalline electric fields in high-Tc ErBa ₂ Cu ₃ O ₇ doped with zn and Ni. Physica C: Superconductivity and Its Applications, 1991, 175, 587-594.	0.6	20
218	Neutron spectroscopic studies of crystalline electric fields in disordered high-Tc ErBa ₂ Cu ₃ O _x . Physica C: Superconductivity and Its Applications, 1991, 185-189, 817-818.	0.6	4
219	OXYGEN CONTENT AND CRYSTAL FIELD EFFECTS IN RBa ₂ Cu ₃ O _x . International Journal of Modern Physics B, 1991, 05, 1233-1242.	1.0	0
220	Electrical crystal field effects in high-temperature superconductor HoBa ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 1988, 153-155, 176-177.	0.6	2