

Markus Braden

List of Publications by Year in descending order

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211
papers

7,276
citations

50170

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77
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211
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211
times ranked

5226
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Pressure Studies of Correlated Electron Systems. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, .	0.7	1
2	Gigantic Magnetochiral Anisotropy in the Topological Semimetal ZrTe_5 . <i>Physical Review Letters</i> , 2022, 128, 176602.	2.9	24
3	Chirality of magnetic excitations in ferromagnetic SrRuO_3 . <i>Physical Review B</i> , 2022, 105, .	1.1	1
4	X-ray absorption and x-ray magnetic circular dichroism in bulk and thin films of ferrimagnetic GdTiO_3 . <i>Physical Review Materials</i> , 2021, 5, .	0.9	4
5	Neutron scattering studies on spin fluctuations in $\text{Sr}_2\text{KFe}_4\text{O}_{10}$. <i>Physical Review B</i> , 2021, 103, .	1.1	1
6	Single-crystal investigations on the multiferroic material $\text{LiFe}(\text{WO}_4)_2$. <i>Physical Review B</i> , 2021, 103, .	1.1	1
7	Measurement of Spin Dynamics in a Layered Nickelate Using X-Ray Photon Correlation Spectroscopy: Evidence for Intrinsic Destabilization of Incommensurate Stripes at Low Temperatures. <i>Physical Review Letters</i> , 2021, 127, 057001.	2.9	6
8	Multiple field-induced phases in the frustrated triangular magnet CsMnCl_3 . <i>Physical Review B</i> , 2021, 104, .	1.1	1
9	Combined Arrhenius-Merz Law Describing Domain Relaxation in Type-II Multiferroics. <i>Physical Review Letters</i> , 2021, 127, 097601.	2.9	8
10	Chiral order and multiferroic domain relaxation in $\text{NaFeGe}_2\text{O}_6$. <i>Physical Review B</i> , 2021, 104, .	1.1	1
11	Structural dimerization in the commensurate magnetic phases of NaFeMnWO_4 . <i>Physical Review B</i> , 2020, 102, .	1.1	1
12	Magnetoelectric coupling in the mixed erythrosiderite $[(\text{NH}_4)_{1-x}\text{K}_x]_2[\text{FeCl}_5(\text{H}_2\text{O})]$. <i>Physical Review B</i> , 2020, 102, .	1.1	8
13	Correlations between electronic order and structural distortions and their ultrafast dynamics in the single-layer manganite PnMnO_r . <i>Physical Review B</i> , 2020, 102, .	1.1	5
14	Crystal structure and distortion of superconducting $\text{Cu}_x\text{Bi}_{1-x}\text{Se}_2$. <i>Physical Review Materials</i> , 2020, 4, .	0.9	1
15	Evidence for current-induced phase coexistence in Ca_2RuO_4 and its influence on magnetic order. <i>Physical Review Materials</i> , 2020, 4, .	0.9	8
16	Magnetization density distribution in the metallic ferromagnet SrRuO_3 determined by polarized neutron diffraction. <i>Physical Review B</i> , 2019, 100, .	1.1	1
17	Interplay of Electronic and Spin Degrees in Ferromagnetic SrRuO_3 : Anomalous Softening of the Magnon Gap and Stiffness. <i>Physical Review Letters</i> , 2019, 123, 017202.	2.9	24
18	Direct Visualization of Spatial Inhomogeneity of Spin Stripes Order in $\text{La}_{1.72}\text{Sr}_{0.28}\text{NiO}_4$. <i>Condensed Matter</i> , 2019, 4, 77.	0.8	10

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37	Magnetic structure and multiferroic coupling in pyroxene $\text{NaFeSi}_2\text{O}_6$. Physical Review B, 2015, 91, .	1.1	18
38	Magnetic spin-flop transition and interlayer spin-wave dispersion in PrCaFeO_4 by neutron diffraction and inelastic neutron scattering. Physical Review B, 2015, 91, .	1.1	11
39	Spin reorientation in BaMn_2O_7 by single-crystal neutron diffraction. Physical Review B, 2015, 91, .	1.1	6
40	Anisotropy of incommensurate magnetic excitations in slightly overdoped $\text{BaKFe}_2\text{As}_2$. Physical Review B, 2014, 90, .	1.1	22
41	Spin-density-wave ordering in $\text{Ca}_{0.5}\text{Sr}_{1.5}\text{RuO}_4$ studied by neutron scattering. Physical Review B, 2014, 89, .	1.1	8
42	Spin susceptibility in superconducting LiFeAs studied by polarized neutron diffraction. Physical Review B, 2014, 89, .	1.1	5
43	Magnetic order and electromagnon excitations in DyMnO_3 by neutron scattering experiments. Physical Review B, 2014, 90, .	1.1	12
44	Fine structure of the incommensurate antiferromagnetic fluctuations in single-crystalline LiFeAs studied by inelastic neutron scattering. Physical Review B, 2014, 90, .	1.1	20
45	Domain dynamics in the multiferroic phase of MnWO_4 . Physical Review B, 2014, 89, .	1.1	21
46	Kinetics of the multiferroic switching in MnWO_4 . Physical Review B, 2014, 89, .	1.1	10
47	Electric Field Control of Terahertz Polarization in a Multiferroic Manganite with Electromagnons. Physical Review Letters, 2013, 111, 227201.	2.9	46
48	Magnetic structure and magnon dispersion in LaSrFeO_4 . Physical Review B, 2013, 87, .	1.1	19
49	Temperature-dependent optical conductivity of layered LaSrFeO_4 . Physical Review B, 2013, 87, .	1.1	15
50	Magnetic phase diagrams, domain switching, and quantum phase transition of the quasi-one-dimensional Ising-like antiferromagnet BaCoV_2O_8 . Physical Review Letters, 2013, 111, 167002.	1.1	35
51	Controlling toroidal moments by crossed electric and magnetic fields. Physical Review B, 2013, 88, .	1.1	31
52	Universality of the Dispersive Spin-Resonance Mode in Superconducting BaFe_2As_2 . Physical Review Letters, 2013, 111, 167002.	2.9	24
53	Splitting of Resonance Excitations in Nearly Optimally Doped BaMn_2O_7 . Physical Review Letters, 2013, 110, 137001.	1.1	5
54	Local magnetic anisotropy in BaFe_2As_2 : A polarized inelastic neutron scattering study. Physical Review B, 2012, 86, .	1.1	50

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55	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. Physical Review B, 2012, 86, .	1.1	27
56	Charge stripe order near the surface of 12-percent doped La _{2-x} Sr _x CuO ₄ . Nature Communications, 2012, 3, 1023.	5.8	46
57	Structural investigations of the tetraborates MB ₄ O ₇ (M= Pb, Sr, Ba). European Physical Journal B, 2012, 85, 1.	0.6	20
58	Neutron scattering studies on stripe phases in non-cuprate materials. Physica C: Superconductivity and Its Applications, 2012, 481, 31-45.	0.6	41
59	Hourglass Dispersion in Overdoped Single-Layered Manganites. Physical Review Letters, 2012, 108, 247209.	2.9	9
60	Inelastic Neutron-Scattering Measurements of Incommensurate Magnetic Excitations on Superconducting LiFeAs Single Crystals. Physical Review Letters, 2012, 108, 117001.	2.9	67
61	Evidence for a temperature-induced spin-state transition of Co ³⁺ in La _{2-x} Sr _x CoO ₄ . Physical Review B, 2011, 83, .	1.1	28
62	Parabolic versus elliptic focusing – Optimization of the focusing design of a cold triple-axis neutron spectrometer by Monte-Carlo simulations. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 647, 63-72.	0.7	13
63	Orbital order in La _{1-x} Sr _x MnO ₃ . Physical Review Letters, 2011, 107, 027201.	2.9	26
64	Orbital order in La _{1-x} Sr _x MnO ₃ . Physical Review Letters, 2011, 107, 027201.	1.1	28
65	Spin-wave excitations in the ferromagnetic metallic and in the charge-, orbital-, and spin-ordered states in Nd _{1-x} Sr _x MnO ₃ with x=0.5. Physical Review B, 2011, 84, .	2.9	26
66	Magnetostrictive NaOCl ordering of the spin-ordered states in Nd _{1-x} Sr _x MnO ₃ with x=0.5. Physical Review B, 2011, 84, .	1.1	18
67	Magnetic order, transport and infrared optical properties in the compound BaMn ₂ O ₇ . Physical Review B, 2011, 84, .	1.1	18
68	Magnetic order, transport and infrared optical properties in the compound BaMn ₂ O ₇ . Physical Review B, 2011, 84, .		

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73	Crystal and magnetic structure of the oxypnictide superconductor LaFeAsO . A neutron-diffraction study. <i>Physical Review B</i> , 2010, 82, .	1.1	81
74	Electric-field control of the chiral magnetism of multiferroic MnWO_4 as seen via polarized neutron diffraction. <i>Physical Review B</i> , 2010, 81, .	1.1	58
75	Strong magnetoelastic coupling in VOCl_2 : Neutron and synchrotron powder x-ray diffraction study. <i>Physical Review B</i> , 2009, 79, .	1.1	43
76	Magnetic Correlations in $\text{La}_{2-x}\text{Sr}_x\text{CoO}_4$ Studied by Neutron Scattering: Possible Evidence for Stripe Phases. <i>Physical Review Letters</i> , 2009, 102, 057201.	2.9	61
77	Incommensurate magnetic ordering in Ti-doped $\text{Sr}_3\text{TbMnO}_{10}$. <i>Physical Review B</i> , 2009, 79, .	1.1	13
78	Flop of Electric Polarization Driven by the Flop of the Mn Spin Cycloid in Multiferroic TbMnO_3 . <i>Physical Review Letters</i> , 2009, 102, 207205.	2.9	56
79	The electronic phase diagram of the $\text{LaO}_{1-x}\text{F}_x\text{FeAs}$ superconductor. <i>Nature Materials</i> , 2009, 8, 305-309.	13.3	390
80	Synthesis and physical properties of $\text{LaO}_{1-x}\text{F}_x\text{FeAs}$. <i>European Physical Journal B</i> , 2009, 70, 461-468.	0.6	42
81	Magnetic and structural transitions in $\text{La}_{1-x}\text{A}_x\text{CoO}_3$ (A=Ca, Sr, and Ba). <i>Physical Review B</i> , 2009, 79, .	1.1	29
82	CaCrO_3 : An Anomalous Antiferromagnetic Metallic Oxide. <i>Physical Review Letters</i> , 2008, 101, 167204.	2.9	82
83	Effect of Structural Parameters on Superconductivity in Fluorine-Free LnFeAsO_{1-y} (Ln = La, Nd). <i>Journal of the Physical Society of Japan</i> , 2008, 77, 083704.	0.7	574
84	Magnetic excitations in a cycloidal magnet: the magnon spectrum of multiferroic TbMnO_3 . <i>Journal of Physics Condensed Matter</i> , 2008, 20, 434212. <i>Structural domain and finite-size effects of the antiferromagnetic</i>	0.7	56
85	$\text{S}=\text{O}$ lattice in InCu_2O_4 . <i>Physical Review B</i> , 2008, 78, .	1.1	58
86	Magnetic Excitations in Transition-metal Oxides Studied by Inelastic Neutron Scattering. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
87	Field dependence of magnetic correlations through the polarization flop transition in multiferroic TbMnO_3 . Evidence for a magnetic memory effect. <i>Physical Review B</i> , 2008, 77, .	1.1	33
88	Melting of magnetic correlations in charge-orbital ordered $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$. <i>Physical Review B</i> , 2008, 77, .	1.1	19
89	Mott-Hubbard versus charge-transfer behavior in LaSrMnO_4 studied via optical conductivity. <i>Physical Review B</i> , 2008, 77, .	1.1	24
90	Relationship Between Crystal Structure and Superconductivity in LnFeAsO_{1-y} (Ln = Tj ETQq0 0.0,rgBT /Oyerlock 10	0.7	25

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91	<p> Lattice dynamics and electron-phonon coupling in SrRu_2O_7: Inelastic neutron scattering and shell-model calculations. Physical Review B, 2007, 76, . </p>	1.1	32
92	<p> Magnetoelastic coupling in RTiO_3 (R=La,Nd,Sm,Gd,Y) investigated with diffraction techniques and thermal expansion measurements. Physical Review B, 2007, 75, . </p>	1.1	111
93	<p> Field-Induced Paramagnons at the Metamagnetic Transition of $\text{Ca}_{1.8}\text{Sr}_{0.2}\text{RuO}_4$. Physical Review Letters, 2007, 99, 217402. </p>	2.9	13
94	<p> Publisher's Note: Field-Induced Paramagnons at the Metamagnetic Transition of $\text{Ca}_{1.8}\text{Sr}_{0.2}\text{RuO}_4$ [Phys. Rev. Lett. 99, 217402 (2007)]. Physical Review Letters, 2007, 99, . </p>	2.9	1
95	<p> Magnetic Excitations in Multiferroic TbMnO_3: Evidence for a Hybridized Soft Mode. Physical Review Letters, 2007, 98, 137206. </p>	2.9	128
96	<p> Coupling of stripes to lattice distortions in cuprates and nickelates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 170-173. </p>	0.6	28
97	<p> Evidence for multiple phase transitions in. Journal of Magnetism and Magnetic Materials, 2007, 310, e187-e189. </p>	1.0	5
98	<p> Temperature-dependent X-ray and neutron diffraction study of BiB_3O_6. Zeitschrift Fur Kristallographie - Crystalline Materials, 2007, 222, . </p>	0.4	21
99	<p> Magnetoelastic Coupling Across the Metamagnetic Transition in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$. Physical Review Letters, 2006, 96, 257201. </p>	0.6	13
100	<p> Spin-Wave Dispersion in Orbitally Ordered $\text{La}_{1/2}\text{Sr}_{3/2}\text{MnO}_4$. Physical Review Letters, 2006, 96, 257201. </p>	2.9	31
101	<p> Thermodynamic properties of in magnetic fields. Physica B: Condensed Matter, 2006, 378-380, 497-498. </p>	1.3	4
102	<p> Equation of state of ordinary ice Ih at 145 K under true hydrostatic pressure up to 5 kbar. Journal of Physics Condensed Matter, 2005, 17, S3029-S3033. </p>	0.7	11
103	<p> Crystal and magnetic structure of $\text{La}_{1-x}\text{Sr}_{1+x}\text{MnO}_4$: Role of the orbital degree of freedom. Physical Review B, 2005, 71, . </p>	1.1	49
104	<p> Spectroscopy of Stripe Order in $\text{La}_{1.8}\text{Sr}_{0.2}\text{NiO}_4$ Using Resonant Soft X-Ray Diffraction. Physical Review Letters, 2005, 95, 156402. </p>	2.9	59
105	<p> Dispersion of the high-energy phonon modes in $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. Physical Review B, 2005, 72, . </p>	1.1	41
106	<p> High-pressure diffraction studies on Ca_2RuO_4. Physical Review B, 2005, 72, . </p>	1.1	61
107	<p> Structural Aspects of Metamagnetism in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$: Evidence for Field Tuning of Orbital Occupation. Physical Review Letters, 2005, 95, 267403. </p>	2.9	14
108	<p> Interplay between structural instability and lattice dynamics in $\text{EuRh}_2(\text{PxA}_s)_2$. Physical Review B, 2004, 69, . </p>	1.1	5

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109	Anisotropy of the Incommensurate Fluctuations in Sr ₂ RuO ₄ : A Study with Polarized Neutrons. Physical Review Letters, 2004, 92, 097402.	2.9	45
110	Strongly Enhanced Magnetic Fluctuations in a Large-Mass Layered Ruthenate. Physical Review Letters, 2004, 93, 147404.	2.9	33
111	Neutron diffraction study of the lattice distortion related to charge ordering in Sr ₁₄ Cu ₂₄ O ₄₁ . Physical Review B, 2004, 69, .	1.1	18
112	The phase-diagram of Ca _{2-x} Sr _x RuO ₄ : Relation between crystal distortions and physical properties. Materials Research Society Symposia Proceedings, 2004, 840, Q4.1.1.	0.1	0
113	Influence of single-site and cooperative magnetic effects on phonons in CeNi-based compounds. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3174-3177.	0.8	5
114	Anomalous phonon excitations associated with strong p-d mixing effect of CeSb and CeBi. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E65-E66.	1.0	0
115	Structural aspects of the spin-ladder compound Sr ₁₄ Cu ₂₄ O ₄₁ . Physica C: Superconductivity and Its Applications, 2004, 403, 290-296.	0.6	22
116	Phonon Dispersion of Ice under Pressure. Physical Review Letters, 2004, 93, 225901.	2.9	69
117	Neutron diffraction study of the nuclear and magnetic structure of the quasi-one-dimensional compound CuSiO ₃ around T _N =8K. Physical Review B, 2004, 69, .	1.1	8
118	Growth of La _{1-x} Sr _{1+x} MnO ₄ single crystals and characterization by scattering techniques. Journal of Crystal Growth, 2003, 249, 222-229.	0.7	47
119	Magnetic excitations in 214-ruthenates. Physica C: Superconductivity and Its Applications, 2003, 388-389, 489-490.	0.6	2
120	Anomalous pressure dependence of acoustic phonons of AgGaSe ₂ investigated by inelastic neutron scattering to 4.3 GPa. Physica Status Solidi (B): Basic Research, 2003, 235, 331-336.	0.7	6
121	Crystal and magnetic structure of LaTiO ₃ : Evidence for nondegenerate t _{2g} orbitals. Physical Review B, 2003, 68, .	1.1	189
122	High-Energy Spin Dynamics in La _{1.69} Sr _{0.31} NiO ₄ . Physical Review Letters, 2003, 90, 147202.	2.9	48
123	ELECTRON-PHONON INTERACTION IN N-DOPED CUPRATES: AN INELASTIC X-RAY SCATTERING STUDY. International Journal of Modern Physics B, 2003, 17, 484-492.	1.0	12
124	Anomalous Dispersion of Longitudinal Optical Phonons in Nd _{1.86} Ce _{0.14} CuO ₄ Determined by Inelastic X-Ray Scattering. Physical Review Letters, 2002, 88, 167002.	2.9	92
125	Anomalous Spin-Density Distribution on Oxygen and Ru in Ca _{1.5} Sr _{0.5} RuO ₄ : Polarized Neutron Diffraction Study. Physical Review Letters, 2002, 89, 087202.	2.9	35
126	Incommensurate Magnetic Ordering in Sr ₂ Ru _{1-x} Ti _x O ₄ . Physical Review Letters, 2002, 88, 197002.	2.9	76

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127	Collective magnetic excitations in mixed-valence $\text{Sm}_{0.83}\text{Y}_{0.17}\text{S}$. <i>Physical Review B</i> , 2002, 65, .	1.1	15
128	Bond-Stretching-Phonon Anomalies in Stripe-Ordered $\text{La}_{1.69}\text{Sr}_{0.31}\text{NiO}_4$. <i>Physical Review Letters</i> , 2002, 88, 075505.	2.9	67
129	Lattice dynamics of CuGeO_3 : Inelastic neutron scattering and model calculations. <i>Physical Review B</i> , 2002, 66, .	1.1	9
130	Inelastic neutron scattering study of magnetic excitations in Sr_2RuO_4 . <i>Physical Review B</i> , 2002, 66, .	1.1	107
131	Oxygen Isotope Effect in the a -Plane Reflectance of Underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Physical Review Letters</i> , 2002, 89, 087003.	2.9	15
132	Pressure Dependence of Acoustic Modes in AgGaSe_2 . <i>High Pressure Research</i> , 2002, 22, 283-286.	0.4	3
133	Neutron-diffraction study of the crystal structure of $\text{Ca}_{1.5}\text{Sr}_{0.5}\text{RuO}_4$. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1627-s1629.	1.1	0
134	Crystal-lattice modulation and phonon anomaly associated with strong p - f mixing effect of CeSb . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1779-s1781.	1.1	2
135	Lattice anomalies in CeNi unstable valence compound. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s559-s561.	1.1	9
136	Crystal field-phonon coupling in the Kondo lattice CeCu_2 . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s571-s573.	1.1	3
137	Unusual phonon softening in the Kondo lattice CeCu_2 . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 181-183.	1.3	5
138	f -Electron excitations in the neutron spectra of mixed-valence $\text{Sm}_{1-x}\text{Y}_x\text{S}$. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 333-335.	1.3	5
139	Giant phonon anomalies in the bond-stretching modes in doped BaBiO_3 : comparison to cuprates manganites and nickelates. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 378-381, 89-96.	0.6	41
140	Magnetic Excitations in 214 -Ruthenates. <i>Lecture Notes in Physics</i> , 2002, , 15-31.	0.3	0
141	Transverse Acoustic Phonons of GaSb up to 7 GPa by Inelastic Neutron Scattering. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 223, 441-447.	0.7	12
142	Structural and magnetic aspects of the metal-insulator transition in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$. <i>Physical Review B</i> , 2001, 63, .	1.1	225
143	Lattice dynamics of stoichiometric and nonstoichiometric La_2NiO_4 . <i>Physical Review B</i> , 2001, 64, .	1.1	18
144	Analysis of the local structure by single-crystal neutron scattering in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. <i>Physical Review B</i> , 2001, 63, .	1.1	30

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145	Inelastic neutron scattering studies on Sr ₂ RuO ₄ . Physica B: Condensed Matter, 2000, 281-282, 967-968.	1.3	2
146	Magnetic excitations in single-crystal CeNi. Physica B: Condensed Matter, 2000, 276-278, 760-761.	1.3	1
147	Crystal structure and possible superconductivity in BaBiO ₃ –KBiO ₃ system outside the cubic phase. Physica B: Condensed Matter, 2000, 284-288, 1059-1060.	1.3	1
148	Inelastic neutron scattering to very high pressures. , 2000, 128, 245-254.		11
149	LOCAL DISTORTIONS IN Ba _{1-x} K _x BiO ₃ OBSERVED IN LOW FREQUENCY PHONON RAMAN SCATTERING. International Journal of Modern Physics B, 2000, 14, 3637-3642.	1.0	2
150	Potassium doped barium bismuthates coexisting near the tetra (ortho) and cubic phases boundary: crystal growth and properties. Superconductor Science and Technology, 2000, 13, 1145-1150.	1.8	5
151	Structural distortion in superconducting Ba _{1-x} K _x BiO ₃ . Physical Review B, 2000, 62, 6708-6715.	1.1	46
152	Dynamic magnetic response in intermediate-valence CeNi. Physical Review B, 2000, 61, 6189-6195.	1.1	23
153	Phonon Dispersion of bcc Iron to 10 GPa. Physical Review Letters, 2000, 85, 3209-3212.	2.9	99
154	Dynamic coupling of crystal-field and phonon states in YbPO ₄ . Physical Review B, 1999, 60, R12549-R12552.	1.1	25
155	High-Energy Magnetic Excitation in CuGeO ₃ . Physical Review Letters, 1999, 83, 1858-1861.	2.9	6
156	Pressure dependence of the crystal structure of CuGeO ₃ to 6.2 GPa by neutron diffraction. Physical Review B, 1999, 60, 9616-9622.	1.1	12
157	Microscopic spin-phonon coupling constants in CuGeO ₃ . Physical Review B, 1999, 59, 14356-14366.	1.1	48
158	Anomalous dispersion of LO phonons in La _{1.85} Sr _{0.15} CuO ₄ . Physical Review B, 1999, 60, R15039-R15042.	1.1	130
159	Alignment of polymer chains in RbC ₆₀ by uniaxial pressure. Solid State Communications, 1999, 109, 423-426.	0.9	7
160	Anomalous phonon softening in intermediate-valence CeNi. Physica B: Condensed Matter, 1999, 259-261, 42-43.	1.3	7
161	Anomalous features in the bond stretching vibrations of La _{1-x} Sr _x MnO ₃ . Physica B: Condensed Matter, 1999, 263-264, 416-420.	1.3	48
162	Lattice Dynamics of Li-ZrNiCl: An Electron doped Layered Superconductor. Journal of Low Temperature Physics, 1999, 117, 449-453.	0.6	24

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163	Evidence for Incommensurate Spin Fluctuations in Sr ₂ RuO ₄ . Physical Review Letters, 1999, 83, 3320-3323.	2.9	243
164	Anomalous lattice dynamics in intermediate-valence CeNi. Physical Review B, 1998, 57, R8099-R8102.	1.1	20
165	Structural stability of Sr ₂ RuO ₄ . Physical Review B, 1998, 57, 1236-1240.	1.1	71
166	Is There an Electronic Topological Transition in Zinc under High Pressure?. Physical Review Letters, 1998, 81, 1239-1242.	2.9	47
167	Crystal and magnetic structure of Ca ₂ RuO ₄ : Magnetoelastic coupling and the metal-insulator transition. Physical Review B, 1998, 58, 847-861.	1.1	241
168	Anharmonic structural behavior in CuGeO ₃ . Physical Review B, 1998, 57, 11497-11503.	1.1	14
169	Spin-Phonon Coupling in CuGeO ₃ . Physical Review Letters, 1998, 80, 3634-3637.	2.9	75
170	High Pressure Neutron Studies to 25 GPa: Some Recent Results.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 217-220.	0.1	3
171	Pressure Induced Mode Softening in Ge.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 718-720.	0.1	0
172	Pressure Induced Frequency Shifts of Transverse Acoustic Phonons in Germanium to 9.7 GPa. Physical Review Letters, 1997, 79, 1313-1316.	2.9	67
173	Lattice dynamics of LuPO ₄ . Journal of Alloys and Compounds, 1997, 250, 573-576.	2.8	11
174	Structural analysis of Sr ₂ RuO ₄ . Physica C: Superconductivity and Its Applications, 1997, 273, 248-254.	0.6	28
175	Phonon dispersion in Ba(Pb _{0.75} Bi _{0.25})O ₃ . Physica C: Superconductivity and Its Applications, 1997, 282-287, 1037-1038.	0.6	0
176	Lattice dynamics of xenotime: The phonon dispersion relations and density of states of LuPO ₄ . Physical Review B, 1997, 56, 11584-11592.	1.1	39
177	Neutron scattering study of crystal-field excitations in TmTe. Physica B: Condensed Matter, 1997, 230-232, 735-737.	1.3	22
178	Fingerprints of solid-state chemical reactions in the dynamics of fullerenes. Physica B: Condensed Matter, 1997, 241-243, 255-261.	1.3	0
179	Study of the structural phase transition in Gd _{2-x} Ce _x CuO ₄ . Physica C: Superconductivity and Its Applications, 1997, 273, 239-247.	0.6	16
180	Structural aspects of the phase transition in (Nd _{1-x} Tb _x) _{1.85} Ce _{0.15} CuO ₄ . Physica C: Superconductivity and Its Applications, 1997, 282-287, 1059-1060.	0.6	0

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181	The pressure dependence of the Ta1[110] phonon frequencies in the ordered Invar alloy Fe72Pt28 at pressures up to 7 GPa. <i>Physica B: Condensed Matter</i> , 1996, 219-220, 479-480.	1.3	1
182	Phonon anomalies in La2CuO4 + ?. <i>Journal of Low Temperature Physics</i> , 1996, 105, 813-818.	0.6	19
183	Transverse Acoustic Phonons of Germanium up to 9.7 GPa by Neutron Inelastic Scattering. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 198, 105-113.	0.7	17
184	Structural distortion and superconductivity in (Nd1-xTbx)1.85Ce0.15CuO4. <i>Physical Review B</i> , 1996, 53, R2975-R2978.	1.1	16
185	Structural analysis of CuGeO3: Relation between nuclear structure and magnetic interaction. <i>Physical Review B</i> , 1996, 54, 1105-1116.	1.1	155
186	Anomalous dispersion of LO phonon branches in Ba0.6K0.4BiO3. <i>Europhysics Letters</i> , 1996, 34, 531-536.	0.7	34
187	The pressure dependence of the TA 1 [110] phonon frequencies in the ordered Invar alloy Fe 3 Pt at pressures up to 7 GPa. <i>Europhysics Letters</i> , 1996, 33, 679-682.	0.7	7
188	Lattice dynamics of (Ba/K)BiO3. <i>Journal of Superconductivity and Novel Magnetism</i> , 1995, 8, 595-598.	0.5	37
189	Phonon dispersion in graphite under hydrostatic pressure up to 60 kbar using a sapphire-anvil technique. <i>Physica B: Condensed Matter</i> , 1995, 213-214, 1031-1033.	1.3	11
190	Giant anomalies of the thermal expansion at the spin-Peierls transition in CuGeO3. <i>Physical Review B</i> , 1995, 51, 12884-12887.	1.1	73
191	Phonon dispersion measurements at high pressures to 7 GPa by inelastic neutron scattering. <i>Applied Physics Letters</i> , 1995, 66, 1557-1559.	1.5	20
192	Changes of phonon dispersion in graphite at high pressure. <i>High Pressure Research</i> , 1995, 14, 145-154.	0.4	10
193	Neutron diffraction study on a single crystal of pentacarbonyldiethylcyanamidechromium at 110 K. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 665-672.	1.1	11
194	Structure Analysis of Gd₂ CuO₄ : a New Modification of the <i>T</i> ' Phase. <i>Europhysics Letters</i> , 1994, 25, 625-630.	0.7	76
195	Static and dynamic displacements in RBa2Cu3O7-δ (R=Y, Ho; δ=0.05, 0.5): A neutron-diffraction study on single crystals. <i>Physical Review B</i> , 1994, 49, 1387-1396.	1.1	87
196	Relation between structure and doping in La2-xSrxCuO4+δ a neutron diffraction study on single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 223, 396-416.	0.6	48
197	Single crystal growth and characterization of superconducting Pb1-xSr1-y(Y,Ca)1-zCu1-wO. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 565-566.	0.6	1
198	A study on the structural distortion of the Tâ€² phase. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 793-794.	0.6	5

#	ARTICLE	IF	CITATIONS
199	Structural phase transitions in $\text{La}_{2-x}\text{RE}_y\text{Sr}_x\text{CuO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 855-856.	0.6	5
200	Phonon dispersion curves of $\text{Ba}_{0.6}\text{K}_{0.4}\text{BiO}_3$. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1167-1168.	0.6	0
201	A systematic neutron diffraction study of RE_2CuO_4 (RE = Pr, Nd, Eu). <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1263-1264.	0.6	7
202	Crystal growth, separation and characterization of superconducting $\text{Pb}_2\text{Sr}_2(\text{Y}_{1-x}\text{Ca}_x)\text{Cu}_3\text{O}_{8+\delta}$. <i>Journal of Crystal Growth</i> , 1994, 141, 124-130.	0.7	2
203	Elastic and inelastic neutron scattering studies on the tetragonal to orthorhombic phase transition of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>European Physical Journal B</i> , 1994, 94, 29-37.	0.6	23
204	Competition Between Structural and Superconducting Transition in (LaNd)-Sr-Cu-O. <i>Europhysics Letters</i> , 1993, 21, 953-958.	0.7	55
205	Coupling between superconductivity and structural deformation in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ ($x \approx 0.13$). <i>Physical Review B</i> , 1993, 47, 12288-12291.	1.1	44
206	Characterization and structural analysis of twinned $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ crystals by neutron diffraction. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 191, 455-468.	0.6	34
207	Low Temperature Structural Phase Transition and Superconductivity in (LaNd)-Sr-Cu-O. , 1992, , 349-363.		6
208	Low temperature phase transition and superconductivity in (Nd)-Sr-Cu-O. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 903-904.	0.6	71
209	Structural analyses on $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 549-550.	0.6	5
210	Structural properties of high T_c superconductors. <i>Phase Transitions</i> , 1991, 30, 135-138.	0.6	0
211	Magnetostriction of several high- T_c superconductors. <i>European Physical Journal B</i> , 1990, 79, 173-176.	0.6	18