

Robert J McQueeney

List of Publications by Year in descending order

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170
papers

8,082
citations

47006

47
h-index

51608

86
g-index

170
all docs

170
docs citations

170
times ranked

5674
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological response of the anomalous Hall effect in MnBi ₂ Te ₄ due to magnetic canting. Npj Quantum Materials, 2022, 7, .	5.2	15
2	Zero-field magnetic ground state of EuMg_2Mn Physical Review B, 2021, 103, .	3.2	16
3	Formation of short-range magnetic order and avoided ferromagnetic quantum criticality in pressurized LaCrGe_3 Physical Review B, 2021, 103, .	3.2	21
4	Magnetic crystalline-symmetry-protected axion electrodynamics and field-tunable unpinned Dirac cones in EuIn_2As_2 . Nature Communications, 2021, 12, 999.	12.8	44
5	Defect-driven ferrimagnetism and hidden magnetization in MnBi_2Te_4 Physical Review B, 2021, 103, .	3.2	13
6	Metamagnetism of few-layer topological antiferromagnets. Physical Review Materials, 2021, 5, .	2.4	11
7	Evolution of magnetic interactions in Sb-substituted MnBi_2Te_4 Physical Review B, 2021, 104, .	3.2	19
8	Quasi-two-dimensional ferromagnetism and anisotropic interlayer couplings in the magnetic topological insulator MnBi_2Te_4 Physical Review B, 2021, 104, .	3.2	10
9	Carrier tuning of Stoner ferromagnetism in ThCr_2Te_6 -structure cobalt arsenides. Physical Review B, 2021, 104, .	3.2	10
10	Controlling magnetic order, magnetic anisotropy, and band topology in the semimetals $\text{Sr}_2\text{Ru}_2\text{O}_7$ and Sr_2RuO_6 Physical Review B, 2020, 102, .	3.2	18
11	Localized singlets and ferromagnetic fluctuations in the dilute magnetic topological insulator $\text{Sn}_{1-x}\text{Te}_x$ Physical Review B, 2020, 101, .	3.2	1
12	Spin waves above and below the Verwey transition in $\text{TbBaFe}_2\text{O}_5$. Physical Review B, 2020, 101, .	3.2	1
13	Spin dynamics in antiferromagnetic oxypnictides and fluoropnictides: LaMnAsO , LaMnSbO , and BaMnAsF . Physical Review B, 2020, 101, .	3.2	5
14	Manipulating magnetism in the topological semimetal EuCd_2Mn Physical Review B, 2020, 101, .	3.2	16
15	Competing Magnetic Interactions in the Antiferromagnetic Topological Insulator MnBi_2Te_4 Physical Review Letters, 2020, 124, 167204.	7.8	82
16	Hole doping and antiferromagnetic correlations above the Néel temperature of the topological semimetal $\text{Sr}_2\text{Ru}_2\text{O}_7$ Physical Review B, 2019, 100, .	3.2	11
17	Single Weyl Fermions in the half-metallic semimetal EuCd_2Mn Physical Review B, 2019, 100, .	3.2	83
18	Antiferromagnetic stacking of ferromagnetic layers and doping-controlled phase competition in $\text{Ca}_2\text{Ru}_2\text{O}_7$ Physical Review B, 2019, 100, .	3.2	11

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19	Competing magnetic phases and itinerant magnetic frustration in SrCo ₂ As ₂ . Physical Review B, 2019, 100, .	3.2	12
20	Helical magnetic ordering in $\text{SrMn}_2\text{P}_2\text{O}_{14}$. Physical Review B, 2019, 100, .	3.2	10
21	Evolution of structural, magnetic, and transport properties in $\text{SrMn}_2\text{P}_2\text{O}_{14}$. Physical Review B, 2019, 100, .	3.2	10
22	Magnetic-field effects on the fragile antiferromagnetism in YbBiPt. Physical Review B, 2019, 99, .	3.2	4
23	Two-dimensional ordering and collective magnetic excitations in the dilute ferromagnetic topological insulator Bi_2Te_3 . Physical Review B, 2019, 99, .	3.2	10
24	Crystal growth, microstructure, and physical properties of SrMnSb ₂ . Physical Review B, 2019, 99, .	3.2	18
25	Lattice distortion in the spin-orbital entangled state in RVO_3 perovskites. Physical Review B, 2019, 100, .	3.2	8
26	Crystal growth and magnetic structure of MnBi . Physical Review Materials, 2019, 3, .	2.4	12
27	Reduction of the ordered magnetic moment and its relationship to Kondo coherence in CeMnO_3 . Physical Review B, 2018, 97, .	3.2	11
28	Heisenberg model analysis on inelastic powder neutron scattering data using parent and K doped BaMn ₂ As ₂ samples. Physica B: Condensed Matter, 2018, 551, 51-59.	2.7	1
29	Relaxation Dynamics of Zero-Field Skyrmions over a Wide Temperature Range. Nano Letters, 2018, 18, 7777-7783.	9.1	22
30	Suppression of antiferromagnetic spin fluctuations in superconducting Cr _{0.8} Ru _{0.2} . Physical Review B, 2018, 98, .	3.2	2
31	Doping evolution of spin fluctuations and their peculiar suppression at low temperatures in Ca(Fe _{1-x} Cox) ₂ As ₂ . Physical Review B, 2018, 97, .	3.2	5
32	Antiferromagnetic order in CaK_2As_2 and its interplay with su. Physical Review B, 2018, 97, .	3.2	10
33	Using controlled disorder to probe the interplay between charge order and superconductivity in NbSe ₂ . Nature Communications, 2018, 9, 2796.	12.8	81
34	Synthesis and characterization of Ca-doped LaMnAsO. Physical Review Materials, 2018, 2, .	2.4	2
35	Hybrid excitations due to crystal field, spin-orbit coupling, and spin waves in LiFePO ₄ . Physical Review B, 2017, 95, .	3.2	6
36	Effective One-Dimensional Coupling in the Highly Frustrated Square-Lattice Itinerant Magnet CaCo_2 . Physical Review Letters, 2017, 119, 147201.	7.8	25

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37	Suppression of magnetic order in $\text{CaCo}_{1-86x}\text{Fe}_x\text{As}_2$ with Fe substitution: Magnetization, neutron diffraction, and x-ray diffraction studies of $\text{Ca}(\text{Co}_{1-x}\text{Fe}_x)\text{As}_2$. <i>Physical Review B</i> , 2017, 95, .	3.2	11
38	Pressure-induced half-collapsed-tetragonal phase in $\text{CaKFe}_4\text{As}_2$. <i>Physical Review B</i> , 2017, 96, .	3.2	11
39	Publisher's Note: Hybrid excitations due to crystal field, spin-orbit coupling, and spin waves in LiFePO_4 [<i>Phys. Rev. B</i> 95 , 104409 (2017)]. <i>Physical Review B</i> , 2017, 95, .	3.2	0
40	Itinerant G-type antiferromagnetic order in SrCr_2As_2 . <i>Physical Review B</i> , 2017, 96, .	3.2	11
41	Robust antiferromagnetic spin waves across the metal-insulator transition in hole-doped BaMn_2As_2 . <i>Physical Review B</i> , 2017, 95, .	3.2	11
42	Spin dynamics near a putative antiferromagnetic quantum critical point in Cu-substituted BaFe_2As_2 and its relation to high-temperature superconductivity. <i>Physical Review B</i> , 2015, 92, .	3.2	11
43	BaFe_2As_2 . <i>Physical Review Letters</i> , 2015, 114, 057001.	7.8	30
44	Crystallography and physical properties of BaCo_2As_2 , $\text{Ba}_{0.94}\text{K}_{0.06}\text{Co}_2\text{As}_2$, and $\text{Ba}_{0.78}\text{K}_{0.22}\text{Co}_2\text{As}_2$. <i>Physical Review B</i> , 2014, 90, .	3.2	25
45	Crossover from spin waves to diffusive spin excitations in underdoped BaFe_2As_2 . <i>Physical Review B</i> , 2014, 89, .	3.2	11
46	Fragile antiferromagnetism in the heavy-fermion compound YbBiPt . <i>Physical Review B</i> , 2014, 89, .	3.2	19
47	Metallization of vanadium dioxide driven by large phonon entropy. <i>Nature</i> , 2014, 515, 535-539.	27.8	252
48	Lattice distortion and stripelike antiferromagnetic order in $\text{CaKFe}_4\text{As}_2$.		

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55	Checkerboard to stripe charge ordering transition in $TbBaFe_{2-x}O_{7-y}$. <i>Physical Review Letters</i> , 2013, 111, 047001.	3.2	6
56	Checkerboard to stripe charge ordering transition in $TbBaFe_{2-x}O_{7-y}$. <i>Physical Review Letters</i> , 2013, 111, 047001.	3.2	1
57	Coexistence of Hair-Metallic Itinerant Ferromagnetism with Local-Moment Antiferromagnetism in $BaFe_{2-x}As_{2-y}$. <i>Physical Review Letters</i> , 2013, 111, 047001.	7.8	32
58	Magnonlike Dispersion of Spin Resonance in Ni-doped $BaFe_{2-x}As_{2-y}$. <i>Physical Review Letters</i> , 2013, 110, 177002.	7.8	21
59	Inelastic Neutron Scattering Study of a Nonmagnetic Collapsed Tetragonal Phase in Nonsuperconducting $CaFe_{2-x}As_{2-y}$. <i>Physical Review Letters</i> , 2013, 111, 227002.	7.8	13
60	Magnetic structures and interplay between rare-earth Ce and Fe magnetism in single-crystal $CeFeAsO$. <i>Physical Review B</i> , 2013, 88, .	3.2	18
61	Magnetism-dependent phonon anomaly in $LaFeAsO$ observed via inelastic x-ray scattering. <i>Physical Review B</i> , 2013, 87, .	3.2	7
62	Persistence of local-moment antiferromagnetic order in $Ba_{1-x}K_xMn_2As_2$. <i>Physical Review B</i> , 2013, 87, .	3.2	36
63	Competition between stripe and checkerboard magnetic instabilities in Mn-doped $BaFe_{2-x}As_{2-y}$. <i>Physical Review B</i> , 2012, 86, .	3.2	44
64	$Ba_{1-x}K_xMn_2As_2$: An Antiferromagnetic Local-Moment Metal. <i>Physical Review Letters</i> , 2012, 108, 087005.	7.8	71
65	Magnetic excitations in underdoped $Ba(Fe_{1-x}Co_x)_2As_2$ superconductors. <i>Physical Review Letters</i> , 2012, 108, 087005.	3.2	29
66	X-ray diffuse scattering measurements of chemical short-range order and lattice strains in a highly magnetostrictive $Fe_{0.813}Ga_{0.187}$ alloy in an applied magnetic field. <i>Physical Review B</i> , 2012, 85, .	3.2	13
67	Fe K-edge X-ray resonant magnetic scattering from $Ba(Fe_{1-x}Co_x)_2As_2$ superconductors. <i>European Physical Journal: Special Topics</i> , 2012, 208, 157-164.	2.6	1
68	Effects of Transition Metal Substitutions on the Incommensurability and Spin Fluctuations in $BaFe_{2-x}As_{2-y}$. <i>Physical Review Letters</i> , 2012, 109, 167003.	7.8	37
69	Magnetoelasticity of bcc $Fe_{1-x}Ga_x$ Alloys. <i>Handbook of Magnetic Materials</i> , 2012, 20, 123-226.	0.6	31
70	Role of magnetic exchange energy on charge ordering in $R_{1-x}Mn_xFeO_{3-y}$. <i>Physical Review B</i> , 2011, 84, .	3.2	18
71	Magnetic order in $GdBiPt$ studied by x-ray resonant magnetic scattering. <i>Physical Review B</i> , 2011, 84, .	3.2	27
72	Incommensurate Spin-Density Wave Order in Electron-Doped $BaFe_{2-x}As_{2-y}$. <i>Physical Review Letters</i> , 2011, 106, 257001.	7.8	107

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73	Magnetic exchange interactions in BaMn_2As_2 : A case study of the	3.2	131
74	Relation between superconductivity and tetragonal phase stabilized by uniaxial pressure in CaFe_2As_2 . Journal of Physics: Conference Series, 2011, 273, 012102.	0.4	0
75	BaMn_2As_2	3.2	62
76	Spin-state transitions in PrCoO_3 studied with neutron powder diffraction. Physical Review B, 2011, 84,	3.2	14
77	Character of the structural and magnetic phase transitions in the parent and electron-doped BaFe_2As_2	3.2	25
78	BaMn_2As_2	3.2	132
79	Crystal fields in UO_2 - revisited. Journal of Physics: Conference Series, 2010, 251, 012002.	0.4	12
80	Antiferromagnetic ordering in the absence of structural distortion in BaMn_2As_2 . Physical Review B, 2010, 82, .	3.2	87
81	Evidence from neutron diffraction for superconductivity in the stabilized tetragonal phase of CaFe_2As_2 under uniaxial pressure. Physical Review B, 2010, 81, .	3.2	44
82	Suppression of antiferromagnetic order and orthorhombic distortion in superconducting BaMn_2As_2 . Physical Review B, 2010, 81, .	3.2	42
83	Dispersion of the superconducting spin resonance in underdoped and antiferromagnetic BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	30
84	Paramagnetic spin correlations in CaFe_2As_2 crystals. Physical Review B, 2010, 81, .	3.2	34
85	Unconventional pairing in the iron arsenide superconductors. Physical Review B, 2010, 81, .	3.2	191
86	Magnetic form factor of iron in SrFe_2As_2 . Physical Review B, 2010, 81, .	3.2	21
87	Effect of carbon addition on the single crystalline magnetostriction of Fe-X (X=Al and Ga) alloys. Journal of Applied Physics, 2010, 107, 053520.	2.5	20
88	Relation between Ga ordering and magnetostriction of Fe-Ga alloys studied by x-ray diffuse scattering. Physical Review B, 2010, 81, .	3.2	39
89	Commensurate antiferromagnetic ordering in BaMn_2As_2 . Physical Review B, 2010, 82,	3.2	18
90	Anomalous Suppression of the Orthorhombic Lattice Distortion in Superconducting BaMn_2As_2 . Physical Review Letters, 2010, 104, 057006.	7.8	682

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91	Interplay of Fe and Nd magnetism in NdFeAsO single crystals. Physical Review B, 2010, 82, .	3.2	48
92	Anisotropic and quasipropagating spin excitations in superconducting BaFe_2As_2 . Physical Review B, 2010, 82, .	3.2	54
93	Suppression of antiferromagnetic spin fluctuations in the collapsed phase of CaFe_2As_2 . Physical Review B, 2009, 79, .	3.2	61
94	Influence of magnetism on phonons in CaFe_2As_2 seen via inelastic x-ray scattering. Physical Review B, 2009, 79, .	3.2	30
95	Magnetic and lattice coupling in single-crystal SrFe_2As_2 : A neutron scattering study. Physical Review B, 2009, 80, .	3.2	23
96	Single-crystal neutron diffraction study of short-range magnetic correlations in TbFe_2As_2 . Physical Review B, 2009, 80, .	3.2	13
97	Publisher's Note: Orbital Fluctuations and Orbital Flipping in RVO_3 Perovskites [Phys. Rev. Lett. 99 , 197201 (2007)]. Physical Review Letters, 2009, 102, .	7.8	10
98	Flux growth at ambient pressure of millimeter-sized single crystals of $\text{LaFeAsO}_{1-x}\text{Fx}$ and $\text{LaFe}_{1-x}\text{CoxAsO}$. Applied Physics Letters, 2009, 95, .	3.3	81
99	Magnetic order in BaMn_2As_2 neutron diffraction measurements. Physical Review B, 2009, 80, .	2.2	143
100	Determination of Structural Anisotropy of Stress-Annealed $\text{Fe}_{80.5}\text{Ga}_{19.5}$. IEEE Transactions on Magnetics, 2009, 45, 4142-4144.	2.1	1
101	Structural, magnetic and superconducting phase transitions in CaFe_2As_2 under ambient and applied pressure. Physica C: Superconductivity and Its Applications, 2009, 469, 404-412.	1.2	114
102	Similarities between structural distortions under pressure and chemical doping in superconducting BaFe_2As_2 . Nature Materials, 2009, 8, 471-475.	27.5	266
103	Lattice collapse and quenching of magnetism in CaFe_2As_2 under pressure: A single-crystal neutron and x-ray diffraction investigation. Physical Review B, 2009, 79, .	3.2	164
104	Coexistence of Competing Antiferromagnetic and Superconducting Phases in the Underdoped $\text{BaFe}_{0.95}\text{Co}_x$. Physical Review Letters, 2009, 102, 187206.	7.8	284
105	Itinerant Magnetic Excitations in Antiferromagnetic CaFe_2As_2 . Physical Review Letters, 2009, 102, 187206.	7.8	156
106	Structural investigations of Fe-Ga alloys: Phase relations and magnetostrictive behavior. Acta Materialia, 2008, 56, 4536-4546.	7.9	208
107	Phonon Density of States of $\text{LaFeAsO}_{1-x}\text{Fx}$. Physical Review Letters, 2008, 101, 157004.	7.8	65
108	Anisotropic Three-Dimensional Magnetism in CaFe_2As_2 . Physical Review Letters, 2008, 101, 227205.	7.8	90

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109	Spin-Polarized Neutron Scattering Study of the Structural and Magnetic Phase Transition in Cd_5Ge_4 Observed by x-ray Resonant Magnetic Scattering and First-Principles Calculations of Magnetic Anisotropy. <i>Physical Review B</i> , 2008, 78, .	3.2	11
110	Magnetic Structure of Hexagonal Multiferroic DyMnO_3 . <i>Physical Review B</i> , 2008, 78, .	3.2	32
111	Physical Properties of FeGa_2 Alloys. <i>Physical Review B</i> , 2008, 78, .	3.2	77
112	Pressure-Induced Volume-Collapsed Tetragonal Phase of CaFe_2As_2 Seen via Neutron Scattering. <i>Physical Review B</i> , 2008, 78, .	3.2	335
113	Structural Transition and Anisotropic Properties of Single-Crystalline SrFe_2As_2 . <i>Physical Review B</i> , 2008, 78, .	3.2	168
114	Nature of Ho Magnetism in Multiferroic HoMnO_3 . <i>Physical Review Letters</i> , 2008, 100, 217201.	7.8	53
115	Fermi-Surface-Induced Lattice Modulation and Charge-Density Wave in Optimally Doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2008, 78, .	3.2	10
116	Determination of the Exchange Anisotropy in Perovskite Antiferromagnets using Powder Inelastic Neutron Scattering. <i>Physical Review B</i> , 2008, 78, .	3.2	26
117	Publisher's Note: Zener Double Exchange from Local Valence Fluctuations in Magnetite [Phys. Rev. Lett. 99, 246401 (2007)]. <i>Physical Review Letters</i> , 2008, 100, .	7.8	3
118	Lattice and Magnetic Instabilities in CaFe_2As_2 : A Single-Crystal Neutron Diffraction Study. <i>Physical Review B</i> , 2008, 78, .	3.2	298
119	Damping of Antiferromagnetic Spin Waves by Valence Fluctuations in the Double Layer Perovskite YBaFe_2O_8 . <i>Physical Review Letters</i> , 2007, 99, 037202.	7.8	6
120	Zener Double Exchange from Local Valence Fluctuations in Magnetite. <i>Physical Review Letters</i> , 2007, 99, 246401.	7.8	35
121	Crystallographic Phase Transition within the Magnetically Ordered State of Ce_2Fe_7 . <i>Physical Review B</i> , 2007, 76, .	3.2	36
122	Structural Transition of Ferromagnetic Ni_2MnGa Nanoparticles. <i>Journal of Applied Physics</i> , 2007, 101, 063530.	2.5	48
123	Stabilization of Charge Ordering in $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$ by Magnetic Exchange. <i>Physical Review Letters</i> , 2007, 98, 126402.	7.8	38
124	Orbital Fluctuations and Orbital Flipping in RVO_3 Perovskites. <i>Physical Review Letters</i> , 2007, 99, 197201.	7.8	31
125	Invar Model for γ -Phase Pu: Thermal Expansion, Elastic and Magnetic Properties. <i>Philosophical Magazine</i> , 2006, 86, 2713-2733.	1.6	48
126	Possible Large Spin-Phonon Coupling in Magnetite. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 75-78.	2.7	5

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127	Investigation of the presence of charge order in magnetite by measurement of the spin wave spectrum. Physical Review B, 2006, 73, .	3.2	26
128	Influence of the Verwey transition on the spin-wave dispersion of magnetite. Journal of Applied Physics, 2005, 97, 10A902.	2.5	5
129	Magnetic structure of the local-moment antiferromagnet CeCuSn. Journal of Applied Physics, 2005, 97, 10A913.	2.5	3
130	Magnetic structure of Gd ₅ Ge ₄ . Physical Review B, 2005, 71, .	3.2	59
131	YbGaGe: normal thermal expansion. Journal of Alloys and Compounds, 2005, 389, 10-13.	5.5	10
132	Absence of magnetic moments in plutonium. Physical Review B, 2005, 72, .	3.2	182
133	The role of grain boundaries in determining the transport properties of magnetite. Journal of Applied Physics, 2005, 97, 10A303.	2.5	4
134	Crystalline electric field effects in CeMIn ₅ (M=Co,Rh,Ir): Superconductivity and the influence of Kondo spin fluctuations. Physical Review B, 2004, 70, .	3.2	63
135	Unusual Phonon Softening in γ -Phase Plutonium. Physical Review Letters, 2004, 92, 146401.	7.8	64
136	Crystalline electric field excitations in the heavy fermion superconductor CeCoIn ₅ . Journal of Applied Physics, 2004, 95, 7201-7203.	2.5	12
137	Vibrational edge modes in intrinsically heterogeneous doped transition metal oxides. Physical Review B, 2004, 70, .	3.2	10
138	Experimental Electronic Heat Capacities of α - and β -Plutonium: Heavy-Fermion Physics in an Element. Physical Review Letters, 2003, 91, 205901.	7.8	106
139	The importance of high temperature electron-phonon coupling to the thermodynamic properties of Ce _{0.9} Th _{0.1} and other f-electron bonded metals. Materials Research Society Symposia Proceedings, 2003, 802, 43.	0.1	0
140	In-plane anisotropy and temperature dependence of oxygen phonon modes in YBa ₂ Cu ₃ O _{6.95} . Physical Review B, 2003, 67, .	3.2	80
141	Pharos—a chopper spectrometer for inelastic-neutron-scattering studies of excitations in materials. Neutron News, 2003, 14, 36-39.	0.2	7
142	Phonon dispersion in uranium measured using inelastic x-ray scattering. Physical Review B, 2003, 67, .	3.2	43
143	No role for phonon entropy in the fcc \rightarrow fcc volume collapse transition in Ce _{0.9} Th _{0.1} at ambient pressure. Physical Review B, 2003, 67, .	3.2	34
144	Phonon Dispersion in Actinides Measured with Inelastic X-Ray Scattering: New Opportunities to Solve Some Old Problems. AIP Conference Proceedings, 2003, , .	0.4	1

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145	Vibrational and electronic entropy of $\hat{\Gamma}^2$ -cerium and $\hat{\Gamma}^3$ -cerium measured by inelastic neutron scattering. Physical Review B, 2002, 65, .	3.2	31
146	Bond-Stretching-Phonon Anomalies in Stripe-Ordered $\text{La}_{1.69}\text{Sr}_{0.31}\text{NiO}_4$. Physical Review Letters, 2002, 88, 075505.	7.8	67
147	Low-Temperature Phonon Anomalies in Cuprates. , 2002, , 191-197.		1
148	New oxygen lattice modes in the metallic region of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Applied Physics A: Materials Science and Processing, 2002, 74, s1621-s1623.	2.3	0
149	Lattice and charge effects in high-temperature superconductors. Applied Physics A: Materials Science and Processing, 2002, 74, s1635-s1637.	2.3	0
150	Electron-phonon interactions in HTSC cuprates. Physica B: Condensed Matter, 2002, 316-317, 62-68.	2.7	12
151	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2002, 15, 327-330.	0.5	1
152	Unexpected similarity of the dynamic magnetic susceptibilities of $\hat{\Gamma}^3$ -cerium and $\hat{\Gamma}^2$ -cerium. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2001, 81, 675-687.	0.6	7
153	Mixed Lattice and Electronic States in High-Temperature Superconductors. Physical Review Letters, 2001, 87, 077001.	7.8	117
154	Large Harmonic Softening of the Phonon Density of States of Uranium. Physical Review Letters, 2001, 86, 3076-3079.	7.8	76
155	Phonon densities of states of gamma-cerium and delta-cerium measured by time-of-flight inelastic neutron scattering. Philosophical Magazine Letters, 2000, 80, 591-596.	1.2	12
156	Charge localization and phonon spectra in hole-doped La_2NiO_4 . Journal of Physics Condensed Matter, 2000, 12, L317-L322.	1.8	13
157	Commensurate Dynamic Magnetic Correlations in $\text{La}_2\text{Cu}_{0.9}\text{Li}_{0.1}\text{O}_4$. Physical Review Letters, 2000, 84, 3978-3981.	7.8	11
158	Anomalous Dispersion of LO Phonons in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ at Low Temperatures. Physical Review Letters, 1999, 82, 628-631.	7.8	363
159	Phonon densities of states of $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$: Evidence for strong electron-lattice coupling. Physical Review B, 1999, 60, 80-83.	3.2	23
160	Low temperature anomaly of LO phonons in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. , 1999, , .		3
161	Phonon densities of states of gamma-cerium and delta-cerium measured by inelastic neutron scattering. Philosophical Magazine Letters, 1999, 79, 297-304.	1.2	10
162	Evidence for strong electron-lattice coupling in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$. , 1999, , .		0

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163	Dynamic radial distribution function from inelastic neutron scattering. Physical Review B, 1998, 57, 10560-10568.	3.2	19
164	Nonuniform metallic state in manganites and cuprates. Journal of Superconductivity and Novel Magnetism, 1997, 10, 323-327.	0.5	28
165	Lattice effects in HTSC cuprates observed by neutron scattering. European Physical Journal D, 1996, 46, 1249-1250.	0.4	0
166	Unconventional electron-phonon interaction and anharmonicity in superconducting cuprates. Physica B: Condensed Matter, 1996, 219-220, 145-147.	2.7	2
167	Wide and asymmetric oxygen bond-stretching phonons in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. Physical Review B, 1996, 54, R9689-R9692.	3.2	15
168	Dynamic local lattice distortion in $\text{YBa}_2\text{Cu}_4\text{O}_8$. Journal of Superconductivity and Novel Magnetism, 1995, 8, 587-590.	0.5	7
169	Temperature-dependent x-ray diffuse scattering from single crystals of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review B, 1995, 52, 6829-6839.	3.2	27
170	Nature of electron-lattice interaction in superconducting oxides. , 1994, , .		3