

Robert J McQueeney

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anomalous Suppression of the Orthorhombic Lattice Distortion in Superconducting $\text{Ba}_{1-x}\text{Fe}_x\text{As}_2$. Physical Review Letters, 2010, 104, 057006.	7.8	362
2	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
3	Pressure-induced volume-collapsed tetragonal phase of CaFeAs_2 seen via neutron scattering. Physical Review B, 2008, 78, .	3.2	335
4	Lattice and magnetic instabilities in CaFeAs_2 . A single-crystal neutron diffraction study. Physical Review B, 2008, 78, .	3.2	298
5	Underdoped $\text{Ba}_{1-x}\text{Fe}_x\text{As}_2$. Using X-ray and Neutr. Physical Review Letters, 2009, 103, 087001.	7.8	284
6	Similarities between structural distortions under pressure and chemical doping in superconducting BaFe_2As_2 . Nature Materials, 2009, 8, 471-475.	27.5	266
7	Metallization of vanadium dioxide driven by large phonon entropy. Nature, 2014, 515, 535-539.	27.8	252
8	Crystal growth and magnetic structure of MnBi_2Te_4 . Physical Review Materials, 2019, 3, .	20.2	142
9	Structural investigations of $\text{Fe}_{1-x}\text{Ga}_x$ alloys: Phase relations and magnetostrictive behavior. Acta Materialia, 2008, 56, 4536-4546.	7.9	208
10	Unconventional pairing in the iron arsenide superconductors. Physical Review B, 2010, 81, .	3.2	191
11	Absence of magnetic moments in plutonium. Physical Review B, 2005, 72, .	3.2	182
12	Structural transition and anisotropic properties of single-crystalline SrFe_2As_2 . Physical Review B, 2008, 78, .	3.2	168
13	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
14	Itinerant Magnetic Excitations in Antiferromagnetic CaFe_2As_2 . Physical Review Letters, 2009, 102, 187206.	7.8	156
15	Magnetic order in BaMn_2As_2 . Character of the structural and magnetic phase transitions in the parent and electron-doped $\text{BaFe}_{1-x}\text{Mn}_x\text{As}_2$. Physical Review B, 2009, 79, .	3.2	143
16	BaMn_2As_2 . A case study of the BaMn_2As_2 . Physical Review B, 2009, 79, .	3.2	132
17	BaMn_2As_2 . Evolution of structural, magnetic, and transport properties in MnBi_2Te_4 . Physical Review B, 2019, 100, .	3.2	131
18	Evolution of structural, magnetic, and transport properties in MnBi_2Te_4 . Physical Review B, 2019, 100, .	3.2	131

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19	Mixed Lattice and Electronic States in High-Temperature Superconductors. <i>Physical Review Letters</i> , 2001, 87, 077001.	7.8	117
20	Structural, magnetic and superconducting phase transitions in CaFe ₂ As ₂ under ambient and applied pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 404-412.	1.2	114
21	Incommensurate Spin-Density Wave Order in Electron-Doped BaFe_2As_2 . <i>Physical Review Letters</i> , 2011, 106, 257001.	7.8	107
22	Experimental Electronic Heat Capacities of α - and β -Plutonium: Heavy-Fermion Physics in an Element. <i>Physical Review Letters</i> , 2003, 91, 205901.	7.8	106
23	Anisotropic Three-Dimensional Magnetism in CaFe_2As_2 . <i>Physical Review Letters</i> , 2008, 101, 227205.	7.8	90
24	Antiferromagnetic ordering in the absence of structural distortion in $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. <i>Physical Review B</i> , 2010, 82, .	3.2	87
25	Paramagnetic spin correlations in CaFe_2As_2 crystals. <i>Physical Review B</i> , 2010, 81, .	3.2	84
26	Single pair of Weyl fermions in the half-metallic semimetal EuCd_2As_2 . <i>Physical Review Letters</i> , 2010, 105, 177201.	3.2	83
27	Competing Magnetic Interactions in the Antiferromagnetic Topological Insulator MnBi_2Te_4 . <i>Physical Review Letters</i> , 2020, 124, 167204.	7.8	82
28	Flux growth at ambient pressure of millimeter-sized single crystals of LaFeAsO , $\text{LaFeAsO}_{1-x}\text{Fx}$, and $\text{LaFe}_{1-x}\text{Co}_x\text{AsO}$. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	81
29	Using controlled disorder to probe the interplay between charge order and superconductivity in NbSe_2 . <i>Nature Communications</i> , 2018, 9, 2796.	12.8	81
30	In-plane anisotropy and temperature dependence of oxygen phonon modes in $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$. <i>Physical Review B</i> , 2003, 67, .	3.2	80
31	Large Harmonic Softening of the Phonon Density of States of Uranium. <i>Physical Review Letters</i> , 2001, 86, 3076-3079.	7.8	76
32	$\text{Ba}_{1-x}\text{K}_x\text{Mn}_2\text{As}_2$: An Antiferromagnetic Local-Moment Metal. <i>Physical Review Letters</i> , 2012, 108, 087005.	7.8	71
33	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.	7.8	67
34	Crystallographic, electronic, thermal, and magnetic properties of single-crystal SrCo_2As_2 . <i>Physical Review B</i> , 2013, 88, .	3.2	67
35	Phonon Density of States of LaFeAsO . <i>Physical Review Letters</i> , 2008, 101, 157004.	7.8	65
36	Unusual Phonon Softening in β -Phase Plutonium. <i>Physical Review Letters</i> , 2004, 92, 146401.	7.8	64

#	ARTICLE	IF	CITATIONS
37	Crystalline electric field effects in CeMIn5 ($M=\text{Co,Rh,Ir}$): Superconductivity and the influence of Kondo spin fluctuations. <i>Physical Review B</i> , 2004, 70.	3.2	63
38	Magnetic ordering and structural distortion in Ru-doped BaFeAs2 . <i>Physical Review B</i> , 2009, 79, .	3.2	62
39	Suppression of antiferromagnetic spin fluctuations in the collapsed phase of CaFe2As2 . <i>Physical Review B</i> , 2009, 79, .	3.2	61
40	Magnetic structure of Gd5Ge4 . <i>Physical Review B</i> , 2005, 71, .	3.2	59
41	Manipulating magnetism in the topological semimetal EuCd2As2 . <i>Physical Review B</i> , 2020, 101, .	3.2	58
42	Anisotropic and quasipropagating spin excitations in superconducting Ba1-xFexAs2 . <i>Physical Review B</i> , 2010, 82, .	3.2	54
43	Nature of Ho Magnetism in Multiferroic HoMnO3 . <i>Physical Review Letters</i> , 2008, 100, 217201.	7.8	53
44	Invar model for γ -phase Pu: thermal expansion, elastic and magnetic properties. <i>Philosophical Magazine</i> , 2006, 86, 2713-2733.	1.6	48
45	Structural transition of ferromagnetic Ni2MnGa nanoparticles. <i>Journal of Applied Physics</i> , 2007, 101, 063530.	2.5	48
46	Interplay of Fe and Nd magnetism in NdFeAsO single crystals. <i>Physical Review B</i> , 2010, 82, .	3.2	48
47	Crystal and magnetic structure of CaCoAs2 studied by x-ray and neutron diffraction. <i>Physical Review B</i> , 2010, 82, .	3.2	47
48	Stripe Antiferromagnetic Spin Fluctuations in SrCoAs2 . <i>Physical Review Letters</i> , 2013, 111, 157001.	7.8	47
49	Evidence from neutron diffraction for superconductivity in the stabilized tetragonal phase of CaFe2As2 under uniaxial pressure. <i>Physical Review B</i> , 2010, 81, .	3.2	44
50	Competition between stripe and checkerboard magnetic instabilities in Mn-doped BaFeAs2 . <i>Physical Review B</i> , 2012, 86, .	3.2	44
51	Magnetic crystalline-symmetry-protected axion electrodynamics and field-tunable unpinned Dirac cones in EuIn2As2 . <i>Nature Communications</i> , 2021, 12, 999.	12.8	44
52	Phonon dispersion in uranium measured using inelastic x-ray scattering. <i>Physical Review B</i> , 2003, 67, .	3.2	43
53	Inelastic Neutron Scattering Study of a Nonmagnetic Collapsed Tetragonal Phase in Nonsuperconducting CaFeAs2 . Evidence of the Impact of Spin Fluctuations on Superconductivity in the Iron-Arsenide Compounds. <i>Physical Review Letters</i> , 2013, 111, 227002.	7.8	43
54	Defect-driven ferrimagnetism and hidden magnetization in MnBi2As2 . <i>Physical Review B</i> , 2021, 103, .	3.2	43

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55	Suppression of antiferromagnetic order and orthorhombic distortion in superconducting BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	42
56	Relation between Ga ordering and magnetostriction of Fe-Ga alloys studied by x-ray diffuse scattering. Physical Review B, 2010, 81, .	3.2	39
57	Stabilization of Charge Ordering in $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$ by Magnetic Exchange. Physical Review Letters, 2007, 98, 126402.	7.8	38
58	Effects of Transition Metal Substitutions on the Incommensurability and Spin Fluctuations in BaFe_2As_2 . Elastic and Inelastic Neutron Scattering. Physical Review Letters, 2012, 109, 167003.	7.8	37
59	Crystallographic phase transition within the magnetically ordered state of $\text{Ce}_2\text{Fe}_{17}$. Physical Review B, 2007, 76, .	3.2	36
60	Persistence of local-moment antiferromagnetic order in $\text{Ba}_{1-x}\text{K}_x\text{Mn}_2\text{As}_2$. Physical Review B, 2013, 87, .	3.2	36
61	Pressure-induced half-collapsed-tetragonal phase in CaFe_4As_8 . Physical Review B, 2017, 96, .	3.2	36
62	Zener Double Exchange from Local Valence Fluctuations in Magnetite. Physical Review Letters, 2007, 99, 246401.	7.8	35
63	No role for phonon entropy in the fcc volume collapse transition in $\text{Ce}_0.9\text{Th}_0.1$ at ambient pressure. Physical Review B, 2003, 67, .	3.2	34
64	Magnetic structure of $\text{DyMn}_3\text{O}_{10}$ hexagonal multiferroic. Physical Review B, 2010, 81, .	3.2	32
65	Coexistence of Fe^{2+} and Fe^{3+} itinerant ferromagnetism with local-moment antiferromagnetism in $\text{DyMn}_3\text{O}_{10}$. Physical Review Letters, 2013, 111, 047001.	7.8	32
66	Vibrational and electronic entropy of Ce^{2+} -cerium and Ce^{3+} -cerium measured by inelastic neutron scattering. Physical Review B, 2002, 65, .	3.2	31
67	Orbital Fluctuations and Orbital Flipping in RVO_3 Perovskites. Physical Review Letters, 2007, 99, 197201.	7.8	31
68	Magnetoelasticity of bcc Fe-Ga Alloys. Handbook of Magnetic Materials, 2012, 20, 123-226.	0.6	31
69	Influence of magnetism on phonons in CaFe_2As_2 seen via inelastic x-ray scattering. Physical Review B, 2009, 79, .	3.2	30
70	Dispersion of the superconducting spin resonance in underdoped and antiferromagnetic BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	30
71	Magnetic excitations in underdoped $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review Letters, 2015, 114, 057001.	7.8	30
72	$\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review Letters, 2015, 114, 057001.	3.2	29

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73	Antiferromagnetic order in $\text{CaK}(\text{Mn}_2\text{As}_2)$ and its interplay with su. Physical Review B, 2018, 97, .	3.2	29
74	Evolution of magnetic interactions in Sb-substituted MnBi . Physical Review B, 2021, 104, .	3.2	29
75	Nonuniform metallic state in manganites and cuprates. Journal of Superconductivity and Novel Magnetism, 1997, 10, 323-327.	0.5	28
76	Temperature-dependent x-ray diffuse scattering from single crystals of $\text{La}_2\text{Sr}_x\text{CuO}_4$. Physical Review B, 1995, 52, 6829-6839.	3.2	27
77	Magnetic order in GdBiPt studied by x-ray resonant magnetic scattering. Physical Review B, 2011, 84, .	3.2	27
78	Investigation of the presence of charge order in magnetite by measurement of the spin wave spectrum. Physical Review B, 2006, 73, .	3.2	26
79	Determination of the exchange anisotropy in perovskite antiferromagnets using powder inelastic neutron scattering. Physical Review B, 2008, 78, .	3.2	26
80	Spin and orbital ordering in YVO_4 . Physical Review B, 2008, 78, .	3.2	25
81	Crystallography and physical properties of BaCo_2As_2 , $\text{Ba}_{0.94}\text{K}_{0.06}\text{Co}_2\text{As}_2$, and $\text{Ba}_{0.78}\text{K}_{0.22}\text{Co}_2\text{As}_2$. Physical Review B, 2014, 90, .	3.2	25
82	Effective One-Dimensional Coupling in the Highly Frustrated Square-Lattice Itinerant Magnet CaCo_2As_2 . Physical Review Letters, 2017, 119, 147201.	7.8	25
83	Phonon densities of states of $\text{La}_2\text{Sr}_x\text{NiO}_4$: Evidence for strong electron-lattice coupling. Physical Review B, 1999, 60, 80-83.	3.2	23
84	Magnetic and lattice coupling in single-crystal SrFe_2As_2 : A neutron scattering study. Physical Review B, 2009, 80, .	3.2	23
85	Relaxation Dynamics of Zero-Field Skyrmions over a Wide Temperature Range. Nano Letters, 2018, 18, 7777-7783.	9.1	22
86	Magnetic form factor of iron in SrFe_2As_2 . Physical Review B, 2010, 81, .	3.2	21
87	Magnonlike Dispersion of Spin Resonance in Ni-doped BaFe_2As_2 . Physical Review Letters, 2013, 110, 177002.	7.8	21
88	Formation of short-range magnetic order and avoided ferromagnetic quantum criticality in pressurized LaCrGe . Physical Review B, 2021, 103, .	3.2	21
89	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
90	Dynamic radial distribution function from inelastic neutron scattering. Physical Review B, 1998, 57, 10560-10568.	3.2	19

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91	Fragile antiferromagnetism in the heavy-fermion compound YbBiPt. <i>Physical Review B</i> , 2014, 89, .	3.2	19
92	Commensurate antiferromagnetic ordering in BaR_2FeO_6 . <i>Physical Review B</i> , 2010, 82, .	3.2	18
93	Energy anisotropy and charge ordering in FeO . <i>Physical Review B</i> , 2011, 84, .	3.2	18
94	Two-dimensional magnetic interactions in LaFeAsO. <i>Physical Review B</i> , 2013, 87, .	3.2	18
95	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
96	Crystal growth, microstructure, and physical properties of SrMnSb ₂ . <i>Physical Review B</i> , 2019, 99, .	3.2	18
97	Itinerant G-type antiferromagnetic order in SrCr_2As_2 . <i>Physical Review B</i> , 2017, 96, .	3.2	18
98	Wide and asymmetric oxygen bond-stretching phonons in La _{1.85} Sr _{0.15} CuO ₄ . <i>Physical Review B</i> , 1996, 54, R9689-R9692.	3.2	15
99	Crossover from spin waves to diffusive spin excitations in underdoped BaFe_2As_2 . <i>Physical Review B</i> , 2014, 89, .	3.2	15
100	Zero-field magnetic ground state of EuMg_2Si_2 . <i>Physical Review B</i> , 2021, 103, .	3.2	15
101	Topological response of the anomalous Hall effect in MnBi ₂ Te ₄ due to magnetic canting. <i>Npj Quantum Materials</i> , 2022, 7, .	5.2	15
102	Spin-state transitions in PrCoO ₃ studied with neutron powder diffraction. <i>Physical Review B</i> , 2011, 84, .	3.2	14
103	Charge localization and phonon spectra in hole-doped La ₂ NiO ₄ . <i>Journal of Physics Condensed Matter</i> , 2000, 12, L317-L322.	1.8	13
104	Single-crystal neutron diffraction study of short-range magnetic correlations in TbMn_5Si_3 . <i>Physical Review B</i> , 2009, 80, .	3.2	13
105	X-ray diffuse scattering measurements of chemical short-range order and lattice strains in a highly magnetostrictive $\text{Fe}_{0.813}\text{Ga}_{0.187}$ alloy in an applied magnetic field. <i>Physical Review B</i> , 2012, 85, .	3.2	13
106	Phonon densities of states of gamma-cerium and delta-cerium measured by time-of-flight inelastic neutron scattering. <i>Philosophical Magazine Letters</i> , 2000, 80, 591-596.	1.2	12
107	Electron-phonon interactions in HTSC cuprates. <i>Physica B: Condensed Matter</i> , 2002, 316-317, 62-68.	2.7	12
108	Crystalline electric field excitations in the heavy fermion superconductor CeCoIn ₅ . <i>Journal of Applied Physics</i> , 2004, 95, 7201-7203.	2.5	12

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109	Crystal fields in UO_2 - revisited. Journal of Physics: Conference Series, 2010, 251, 012002. Lattice distortion and stripelike antiferromagnetic order in UO_2	0.4	12

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127	Dynamic local lattice distortion in YBa ₂ Cu ₄ O ₈ . Journal of Superconductivity and Novel Magnetism, 1995, 8, 587-590.	0.5	7
128	Unexpected similarity of the dynamic magnetic susceptibilities of \hat{f}^3 -cerium and \hat{f}^2 -cerium. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2001, 81, 675-687.	0.6	7
129	Pharosâ€™a chopper spectrometer for inelastic-neutron-scattering studies of excitations in materials. Neutron News, 2003, 14, 36-39.	0.2	7
130	Magnetism-dependent phonon anomaly in LaFeAsO observed via inelastic x-ray scattering. Physical Review B, 2013, 87, .	3.2	7
131	Damping of Antiferromagnetic Spin Waves by Valence Fluctuations in the Double Layer Perovskite $YBaFe_{2-x}O_{5-x}$. Physical Review B, 2018, 98, 020407.	3.2	6
132	Checkerboard to stripe charge ordering transition in TbBaFe ₂ O ₅ . Physical Review B, 2013, 87, .	3.2	6
133	Hybrid excitations due to crystal field, spin-orbit coupling, and spin waves in LiFePO ₄ . Physical Review B, 2017, 95, .	3.2	6
134	Influence of the Verwey transition on the spin-wave dispersion of magnetite. Journal of Applied Physics, 2005, 97, 10A902.	2.5	5
135	Possible large spin-phonon coupling in magnetite. Physica B: Condensed Matter, 2006, 385-386, 75-78.	2.7	5
136	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
137	Spin dynamics in antiferromagnetic oxypnictides and fluoropnictides: LaMnAsO, LaMnSbO, and BaMnAsF. Physical Review B, 2020, 101, .	3.2	5
138	The role of grain boundaries in determining the transport properties of magnetite. Journal of Applied Physics, 2005, 97, 10A303.	2.5	4
139	Low temperature heat capacity of $Fe_{1-x}Ga_x$ alloys with large magnetocrystalline anisotropy. Physical Review B, 2008, 77, .	3.2	4
140	Reduction of the ordered magnetic moment and its relationship to Kondo coherence in $Ce_{1-x}Sm_x$. Physical Review B, 2018, 97, .	3.2	4
141	Magnetic-field effects on the fragile antiferromagnetism in YbBiPt. Physical Review B, 2019, 99, .	3.2	4
142	Nature of electron-lattice interaction in superconducting oxides. , 1994, , .		3
143	Low temperature anomaly of LO phonons in La _{1.85} Sr _{0.15} CuO ₄ and YBa ₂ Cu ₃ O ₇ . , 1999, , .		3
144	Magnetic structure of the local-moment antiferromagnet CeCuSn. Journal of Applied Physics, 2005, 97, 10A913.	2.5	3

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145	Publisher's Note: Zener Double Exchange from Local Valence Fluctuations in Magnetite [Phys. Rev. Lett. 99, 246401 (2007)]. Physical Review Letters, 2008, 100, .	7.8	3
146	Hole doping and antiferromagnetic correlations above the Néel temperature of the topological semimetal Sb_2Te_3 Physical Review B, 2019, 100, .	3.2	1
147	Controlling magnetic order, magnetic anisotropy, and band topology in the semimetals Sb_2Te_3 and Bi_2Te_3 Physical Review B, 2020, 102, .	3.2	1
148	Unconventional electron-phonon interaction and anharmonicity in superconducting cuprates. Physica B: Condensed Matter, 1996, 219-220, 145-147.	2.7	2
149	Magnetoelastic coupling and charge correlation lengths in a twin domain of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ ($x=0.047$): A high-resolution x-ray diffraction study. Physical Review B, 2013, 87, .	3.2	2
150	Suppression of antiferromagnetic spin fluctuations in superconducting $\text{Cr}_{0.8}\text{Ru}_{0.2}$. Physical Review B, 2018, 98, .	3.2	2
151	Synthesis and characterization of Ca-doped LaMnAsO . Physical Review Materials, 2018, 2, .	2.4	2
152	Low-Temperature Phonon Anomalies in Cuprates. , 2002, , 191-197.		1
153	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2002, 15, 327-330.	0.5	1
154	Phonon Dispersion in Actinides Measured with Inelastic X-Ray Scattering: New Opportunities to Solve Some Old Problems. AIP Conference Proceedings, 2003, , .	0.4	1
155	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
156	Fe K-edge X-ray resonant magnetic scattering from $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ superconductors. European Physical Journal: Special Topics, 2012, 208, 157-164.	2.6	1
157	Publisher's Note: Checkerboard to stripe charge ordering transition in $\text{TbBaFeO}_{5-\delta}$ $\text{O}_{5-\delta}$ Physical Review B, 2013, 87, .	3.2	1
158	Heisenberg model analysis on inelastic powder neutron scattering data using parent and K doped BaMn_2As_2 samples. Physica B: Condensed Matter, 2018, 551, 51-59.	2.7	1
159	Localized singlets and ferromagnetic fluctuations in the dilute magnetic topological insulator Sb_2Te_3 Physical Review B, 2020, 101, .	3.2	1
160	Spin waves above and below the Verwey transition in $\text{TbBaFe}_2\text{O}_5$. Physical Review B, 2020, 101, .	3.2	1
161	Lattice effects in HTSC cuprates observed by neutron scattering. European Physical Journal D, 1996, 46, 1249-1250.	0.4	0
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	New oxygen lattice modes in the metallic region of La _{2-x} Sr _x CuO ₄ . Applied Physics A: Materials Science and Processing, 2002, 74, s1621-s1623.	2.3	0
164	Lattice and charge effects in high-temperature superconductors. Applied Physics A: Materials Science and Processing, 2002, 74, s1635-s1637.	2.3	0
165	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
166	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	0
167	Relation between superconductivity and tetragonal phase stabilized by uniaxial pressure in CaFe ₂ As ₂ . Journal of Physics: Conference Series, 2011, 273, 012102.	0.4	0
168	Magnetism dependent phonon anomaly in LaFeAsO observed via inelastic x-ray scattering. Journal of Applied Physics, 2013, 113, 17E153.	2.5	0
169	Publisher's Note: Hybrid excitations due to crystal field, spin-orbit coupling, and spin waves in LiFePO ₄ [Phys. Rev. B 95 , 104409 (2017)]. Physical Review B, 2017, 95, .	3.2	0
170	Carrier tuning of Stoner ferromagnetism in $ThCr_{1-x}Mn_x$ -structure cobalt arsenides. Physical Review B, 2021, 104, .	3.2	0