

John M Tranquada

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297
papers

19,570
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64
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135
g-index

315
ext. papers

20,975
ext. citations

5
avg, IF

6.34
L-index

#	Paper	IF	Citations
297	Evidence for stripe correlations of spins and holes in copper oxide superconductors. <i>Nature</i> , 1995 , 375, 561-563	50.4	2584
296	How to detect fluctuating stripes in the high-temperature superconductors. <i>Reviews of Modern Physics</i> , 2003 , 75, 1201-1241	40.5	1081
295	Neutron-diffraction determination of antiferromagnetic structure of Cu ions in YBa ₂ Cu. <i>Physical Review Letters</i> , 1988 , 60, 156-159	7.4	573
294	Coexistence of, and Competition between, Superconductivity and Charge-Stripe Order in La _{1.6} Nd _{0.4} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 1997 , 78, 338-341	7.4	556
293	Quantum magnetic excitations from stripes in copper oxide superconductors. <i>Nature</i> , 2004 , 429, 534-8	50.4	503
292	Neutron-scattering study of stripe-phase order of holes and spins in La _{1.48} Nd _{0.4} Sr _{0.12} CuO ₄ . <i>Physical Review B</i> , 1996 , 54, 7489-7499	3.3	495
291	Colloquium: Theory of intertwined orders in high temperature superconductors. <i>Reviews of Modern Physics</i> , 2015 , 87, 457-482	40.5	486
290	Static and dynamic spin correlations in pure and doped La ₂ CuO. <i>Physical Review B</i> , 1988 , 37, 7443-7453	3.3	428
289	Simultaneous ordering of holes and spins in La ₂ NiO ₄ . <i>Physical Review Letters</i> , 1994 , 73, 1003-1006	7.4	344
288	Stripe phases in high-temperature superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 8814-7	11.5	307
287	Two Spin-State Transitions in LaCoO ₃ . <i>Journal of the Physical Society of Japan</i> , 1998 , 67, 290-296	1.5	306
286	Antiferromagnetism in YBa ₂ Cu. <i>Physical Review B</i> , 1988 , 38, 2477-2485	3.3	296
285	Neutron-scattering study of the dynamical spin susceptibility in YBa ₂ Cu ₃ O _{6.6} . <i>Physical Review B</i> , 1992 , 46, 5561-5575	3.3	270
284	Neutron-scattering study of the spin-state transition and magnetic correlations in La _{1-x} Sr _x CoO ₃ (x=0 and 0.08). <i>Physical Review B</i> , 1994 , 50, 3025-3032	3.3	268
283	Electron-phonon coupling reflecting dynamic charge inhomogeneity in copper oxide superconductors. <i>Nature</i> , 2006 , 440, 1170-3	50.4	258
282	Dimerization of CuGeO ₃ in the spin-Peierls state. <i>Physical Review Letters</i> , 1994 , 73, 736-739	7.4	247
281	Stripe order, depinning, and fluctuations in La _{1.875} Ba _{0.125} CuO ₄ and La _{1.875} Ba _{0.075} Sr _{0.050} CuO ₄ . <i>Physical Review B</i> , 2004 , 70,	3.3	239

280	Two-dimensional superconducting fluctuations in stripe-ordered La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review Letters</i> , 2007 , 99, 067001	7.4	237
279	Magnetic neutron scattering study of single-crystal cupric oxide. <i>Physical Review B</i> , 1989 , 39, 4343-4349	3.3	223
278	Nature of the charge carriers in electron-doped copper oxide superconductors. <i>Nature</i> , 1989 , 337, 720-721	1.4	222
277	Dynamical layer decoupling in a stripe-ordered high-T(c) superconductor. <i>Physical Review Letters</i> , 2007 , 99, 127003	7.4	204
276	Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates. <i>New Journal of Physics</i> , 2009 , 11, 115004	2.9	200
275	Local magnetic order vs superconductivity in a layered cuprate. <i>Physical Review Letters</i> , 2000 , 85, 1738-1741	1.4	196
274	Stripe order in superconducting La _{2-x} Ba _x CuO ₄ (0.095 ≤ x ≤ 0.155). <i>Physical Review B</i> , 2011 , 83,	3.3	193
273	Neutron Scattering with a Triple-Axis Spectrometer: Basic Techniques 2002 ,		186
272	Neutron scattering study of magnetic excitations in YBa ₂ Cu ₃ O _{6+x} . <i>Physical Review B</i> , 1989 , 40, 4503-4516	3.6	176
271	Extended x-ray absorption fine-structure study of anharmonicity in CuBr. <i>Physical Review B</i> , 1983 , 28, 3520-3528	3.3	176
270	X-ray absorption studies of La _{2-x} (Ba,Sr) _x CuO ₄ superconductors. <i>Physical Review B</i> , 1987 , 35, 7187-7190	3.3	167
269	Neutron-scattering study of antiferromagnetism in YBa ₂ Cu ₃ O _{6.15} . <i>Physical Review B</i> , 1993 , 48, 13817-13825	3.25	163
268	Hard x-ray diffraction study of charge stripe order in La _{1.48} Nd _{0.4} Sr _{0.12} CuO ₄ . <i>Europhysics Letters</i> , 1998 , 41, 629-634	1.6	158
267	X-ray-absorption near-edge-structure study of La _{2-x} (Ba,Sr) _x CuO _{4-y} superconductors. <i>Physical Review B</i> , 1987 , 36, 5263-5274	3.3	156
266	Mixed valency, hole concentration, and T _c in YBa ₂ Cu. <i>Physical Review B</i> , 1988 , 38, 8893-8899	3.3	153
265	Progress in Neutron Scattering Studies of Spin Excitations in High-T _c Cuprates. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 011007	1.5	151
264	Charge and spin ordering in La _{2-x} Sr _x NiO _{4.00} with x=0.135 and 0.20. <i>Physical Review B</i> , 1995 , 51, 12742-12746	3.46	149
263	Evidence for unusual superconducting correlations coexisting with stripe order in La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2008 , 78,	3.3	148

262	Imaging Dirac-mass disorder from magnetic dopant atoms in the ferromagnetic topological insulator $\text{Cr}_x(\text{Bi}_{0.1}\text{Sb}_{0.9})_{2-x}\text{Te}_3$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1316-21	11.5	147
261	Cooperative ordering of holes and spins in La_2NiO_4 . <i>Physical Review B</i> , 1995 , 52, 3581-3595	3.3	147
260	Magnetic Neutron Scattering in Hole-Doped Cuprate Superconductors. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 111003	1.5	136
259	Glassy nature of stripe ordering in $\text{La}_{1.6}\text{Nd}_{0.4}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 1999 , 59, 14712-14722	3.3	129
258	Neutron scattering studies of the magnetic structure of cupric oxide. <i>Physical Review B</i> , 1988 , 38, 174-178	3.3	129
257	Two-dimensional zone-center spin-wave excitations in La_2CuO_4 . <i>Physical Review B</i> , 1988 , 37, 9761-9764	3.3	120
256	Oxygen intercalation, stage ordering, and phase separation in $\text{La}_2\text{NiO}_{4+\delta}$ with $\delta=0.05$. <i>Physical Review B</i> , 1994 , 50, 6340-6351	3.3	115
255	Glancing-angle extended x-ray-absorption fine structure and reflectivity studies of interfacial regions. <i>Physical Review B</i> , 1988 , 38, 1016-1026	3.3	114
254	Incommensurate stripe order in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ with $x=0.225$. <i>Physical Review B</i> , 1996 , 54, 12318-12323	3.3	109
253	Soft longitudinal modes in spin-singlet CuGeO_3 . <i>Physical Review B</i> , 1994 , 50, 1278-1281	3.3	109
252	Temperature dependence of the dynamic susceptibility $\chi''(\omega)$ in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6.6}$ ($T_c=53$ K). <i>Physical Review B</i> , 1993 , 47, 5320-5324	3.3	108
251	Neutron-diffraction study of stripe order in La_2NiO_4 with $\delta=0.15$. <i>Physical Review B</i> , 1998 , 57, 1066-1078	3.3	99
250	Microstructure and structural defects in MgB_2 superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 356, 239-253	1.3	96
249	Spin fluctuations in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$. <i>Physical Review Letters</i> , 1990 , 64, 800-803	7.4	91
248	Investigation of the Spin-Glass Regime between the Antiferromagnetic and Superconducting Phases in $\text{Fe}_{1+y}\text{Se}_x\text{Te}_{1-x}$. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 113702	1.5	87
247	Testing the itinerancy of spin dynamics in superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Nature Physics</i> , 2009 , 5, 642-646	16.2	87
246	Interplay between magnetism and superconductivity in iron-chalcogenide superconductors: crystal growth and characterizations. <i>Reports on Progress in Physics</i> , 2011 , 74, 124503	14.4	86
245	Intercalation and staging behavior in super-oxygenated La_2CuO_4 . <i>Zeitschrift für Physik B-Condensed Matter</i> , 1996 , 100, 535-545		85

244	Neutron-powder-diffraction study of nuclear and magnetic structure in $\text{YBa}_2\text{Cu}_3\text{-xCoxO}_7\text{+y}$ with $x=0.84$ and $y=0.32$. <i>Physical Review B</i> , 1988 , 38, 6575-6582	3-3	84
243	Neutron-scattering study of magnetic fluctuations in Zn-substituted $\text{YBa}_2\text{Cu}_3\text{O}_{6.6}$. <i>Physical Review B</i> , 1993 , 48, 3485-3490	3-3	83
242	Disappearance of antiferromagnetic spin excitations in overdoped $\text{La}_{2\text{-x}}\text{Sr}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 2007 , 98, 247003	7-4	82
241	Independent freezing of charge and spin dynamics in $\text{La}_{1.5}\text{Sr}_{0.5}\text{CoO}_4$. <i>Physical Review Letters</i> , 2000 , 85, 4353-6	7-4	77
240	Two-dimensional antiferromagnetic excitations from a large single crystal of $\text{YBa}_2\text{Cu}_3\text{O}_{6.2}$. <i>Physical Review Letters</i> , 1988 , 61, 1317-1320	7-4	77
239	Antiferromagnetic order in DyBa_2Cu . <i>Physical Review B</i> , 1987 , 36, 7234-7236	3-3	73
238	Unconventional temperature enhanced magnetism in $\text{Fe}_{1.1}\text{Te}$. <i>Physical Review Letters</i> , 2011 , 107, 216403	7-4	72
237	Evidence for an incommensurate magnetic resonance in $\text{La}_{2\text{-x}}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2004 , 69,	3-3	71
236	The Physics of Pair-Density Waves: Cuprate Superconductors and Beyond. <i>Annual Review of Condensed Matter Physics</i> , 2020 , 11, 231-270	19-7	70
235	Variation of electronic and atomic structures in $\text{YBa}_2(\text{Cu}_{1\text{-x}}\text{Fe}_x)_3\text{O}_{7-\delta}$. <i>Physical Review B</i> , 1989 , 39, 6681-6689	3-3	65
234	Spontaneous symmetry breaking by charge stripes in the high pressure phase of superconducting $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$. <i>Physical Review Letters</i> , 2010 , 104, 057004	7-4	64
233	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	7-4	64
232	Extended x-ray absorption fine structure of NaBr and Ge at high pressure. <i>Journal of Applied Physics</i> , 1980 , 51, 3158-3163	2-5	62
231	Neutron-scattering study of spin fluctuations in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ ($x=0.40,0.45,0.50$). <i>Physical Review B</i> , 1991 , 43, 5554-5563	3-3	61
230	Optimizing the superconducting transition temperature and upper critical field of $\text{Sn}_{1\text{-x}}\text{In}_x\text{Te}$. <i>Physical Review B</i> , 2013 , 88,	3-3	60
229	Short-range incommensurate magnetic order near the superconducting phase boundary in $\text{Fe}_{1\text{-x}}\text{Te}_{1\text{-x}}\text{Sex}$. <i>Physical Review B</i> , 2009 , 80,	3-3	60
228	Coupling of spin and orbital excitations in the iron-based superconductor $\text{FeSe}_{0.5}\text{Te}_{0.5}$. <i>Physical Review B</i> , 2010 , 81,	3-3	58
227	Oxygen phonon branches in $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 2004 , 69,	3-3	57

226	Phase separation, charge-density waves, and magnetism in $\text{La}_2\text{NiO}_4 + \delta$ with $\delta = 0.105$. <i>Physical Review Letters</i> , 1993 , 70, 445-448	7.4	56
225	Orientation-dependent x-ray-absorption near-edge studies of high- T_c superconductors. <i>Physical Review B</i> , 1988 , 38, 761-764	3.3	56
224	Spin Dynamics in an Ordered Stripe Phase. <i>Physical Review Letters</i> , 1997 , 79, 2133-2136	7.4	55
223	Comparison of stripe modulations in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ and $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$. <i>Physical Review B</i> , 2011 , 84,	3.3	53
222	Magnetic Excitations in Superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ Crystals Studied by Neutron Inelastic Scattering. <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 263-273	1.5	53
221	Charge stripes and antiferromagnetism in insulating nickelates and superconducting cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 2150-2154	3.9	52
220	Absolute cross-section normalization of magnetic neutron scattering data. <i>Review of Scientific Instruments</i> , 2013 , 84, 083906	1.7	51
219	Disappearance of static magnetic order and evolution of spin fluctuations in $\text{Fe}_{1+y}\text{Te}_{1-x}$. <i>Physical Review B</i> , 2010 , 82,	3.3	50
218	Magnetic correlations in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ at superconducting concentrations. <i>Physical Review B</i> , 1990 , 41, 6547-6552	3.3	50
217	Field-induced staggered magnetic order in La_2NiO_4 . <i>Physical Review B</i> , 1997 , 55, R6113-R6116	3.3	49
216	Continuous magnetic and structural phase transitions in Fe_{1+y}Te . <i>Physical Review B</i> , 2012 , 85,	3.3	48
215	Magnetic and Transport Properties of $\text{LaCo}_{1-x}\text{Ni}_x\text{O}_3$ -Comparison with $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Journal of the Physical Society of Japan</i> , 1999 , 68, 1011-1017	1.5	48
214	Magnetic excitations and soft-mode transition in the quasi-one-dimensional mixed-spin antiferromagnet $\text{Pr}_2\text{BaNiO}_5$. <i>Physical Review B</i> , 1996 , 54, 6437-6447	3.3	48
213	An investigation of chromate inhibitors on aluminium using fluorescence detection of X-ray absorption. <i>Corrosion Science</i> , 1987 , 27, 391-399	6.8	48
212	Charge order, metallic behavior, and superconductivity in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ with $x=1/8$. <i>Physical Review Letters</i> , 2006 , 96, 257002	7.4	47
211	Spectral shift of the magnetic cross section in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. <i>Physical Review B</i> , 1991 , 43, 8690-8693	3.3	47
210	Temperature scaling of the integrated dynamical susceptibility in $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$ ($T_c = 50$ K). <i>European Physical Journal B</i> , 1992 , 87, 15-19	1.2	47
209	Effect of magnetic field on the spin resonance in $\text{FeTe}_{0.5}\text{Se}_{0.5}$ as seen via inelastic neutron scattering. <i>Physical Review B</i> , 2010 , 81,	3.3	46

208	Magnetic dispersion of the diagonal incommensurate phase in lightly doped La _{2-x} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 2008 , 101, 197001	7.4	46
207	High-energy spin dynamics in La _{1.69} Sr _{0.31} NiO ₄ . <i>Physical Review Letters</i> , 2003 , 90, 147202	7.4	46
206	Effect of a magnetic field on the spin- and charge-density-wave order in La _{1.45} Nd _{0.45} Sr _{0.15} CuO ₄ . <i>Physical Review B</i> , 2003 , 67,	3.3	46
205	Mapping spin-wave dispersions in stripe-ordered La _{2-x} Sr _x NiO ₄ (x=0.275, 0.333). <i>Physical Review B</i> , 2005 , 72,	3.3	46
204	Charge stripes seen with X-rays in. <i>European Physical Journal B</i> , 1999 , 12, 509-513	1.2	46
203	Superconductivity, antiferromagnetism, and neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 350, 148-160	2.8	45
202	Enhanced charge stripe order of superconducting La _{2-x} Ba _x CuO ₄ in a magnetic field. <i>Physical Review B</i> , 2013 , 87,	3.3	43
201	Magneto-optical measurements of a cascade of transitions in superconducting La _{1.875} Ba _{0.125} CuO ₄ single crystals. <i>Physical Review Letters</i> , 2012 , 109, 147001	7.4	43
200	Magnetic gap excitations in a one-dimensional mixed spin antiferromagnet Nd ₂ BaNiO ₅ . <i>Physical Review B</i> , 1996 , 54, 7210-7215	3.3	43
199	Neutron-scattering study of magnetism in Nd ₂ BaNiO ₅ . <i>Physical Review B</i> , 1994 , 49, 9658-9662	3.3	41
198	Detection of charge scattering associated with stripe order in La _{1.775} Sr _{0.225} NiO ₄ by hard-x-ray diffraction. <i>Physical Review B</i> , 1997 , 56, 8248-8251	3.3	40
197	Antiferromagnetic ordering of Cu ions in NdBa ₂ Cu. <i>Physical Review B</i> , 1988 , 38, 8720-8723	3.3	40
196	Evidence of chiral order in the charge-ordered phase of superconducting La _{1.875} Ba _{0.125} CuO ₄ single crystals using polar Kerr-effect measurements. <i>Physical Review Letters</i> , 2014 , 112, 047003	7.4	39
195	Oxygen and strontium codoping of La ₂ NiO ₄ : Room-temperature phase diagrams. <i>Physical Review B</i> , 2004 , 70,	3.3	39
194	Mid-infrared conductivity from mid-gap states associated with charge stripes. <i>Physical Review B</i> , 2003 , 67,	3.3	39
193	Freezing of a stripe liquid. <i>Physical Review Letters</i> , 2002 , 88, 126401	7.4	39
192	Comparative study of Cu K-edge x-ray-absorption and Cu 2p x-ray photoelectron spectra in copper oxide compounds. <i>Physical Review B</i> , 1991 , 44, 5176-5189	3.3	39
191	Spins, stripes, and superconductivity in hole-doped cuprates 2013 ,		38

190	Charge stripes and spin correlations in copper-oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 166-169	1-3	37
189	Spin-entropy-driven melting of the charge order in La _{1.5} Sr _{0.5} CoO ₄ . <i>Physical Review B</i> , 2001 , 64,	3-3	37
188	Determination of the optical properties of La _{2-x} Ba _x CuO ₄ for several dopings, including the anomalous x=18 phase. <i>Physical Review B</i> , 2012 , 85,	3-3	36
187	Spin-stripe density varies linearly with the hole content in single-layer Bi _{2+x} Sr _{2-x} CuO _{6+y} cuprate superconductors. <i>Physical Review Letters</i> , 2013 , 110, 017004	7-4	35
186	Extended x-ray-absorption fine-structure Einstein frequency and moments of the phonon spectrum: An experimental and theoretical study. <i>Physical Review B</i> , 1985 , 32, 2006-2009	3-3	35
185	Large Bi-2212 single crystal growth by the floating-zone technique. <i>Journal of Crystal Growth</i> , 2008 , 310, 1401-1404	1-6	34
184	High-energy magnetic excitations from dynamic stripes in La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2007 , 76,	3-3	34
183	Ferro-orbital ordering transition in iron telluride Fe(1+y)Te. <i>Physical Review Letters</i> , 2014 , 112, 187202	7-4	33
182	Inelastic neutron scattering study of phonons and magnetic excitations in LaCoO ₃ . <i>Physical Review B</i> , 2005 , 72,	3-3	33
181	Stripe conductivity in La _{1.775} Sr _{0.225} NiO ₄ . <i>Physical Review Letters</i> , 2000 , 84, 3919-22	7-4	33
180	Magnetic correlations and energy gap in superconducting YBa ₂ Cu ₃ O _{6.6} with T _c =53 K. <i>Physical Review B</i> , 1991 , 44, 2811-2814	3-3	33
179	Direct observation of dynamic charge stripes in La _{2-x} Sr _x NiO ₄ . <i>Nature Communications</i> , 2014 , 5, 3467	17-4	32
178	Spin susceptibility of underdoped cuprate superconductors: Insights from a stripe-ordered crystal. <i>Physical Review B</i> , 2008 , 78,	3-3	32
177	Neutron Scattering Studies of Antiferromagnetic Correlations in Cuprates 2007 , 257-298		32
176	Transmission-electron-microscopy study of charge-stripe order in La _{1.725} Sr _{0.275} NiO ₄ . <i>Physical Review B</i> , 2003 , 67,	3-3	31
175	Longitudinal spin fluctuations in nickel. <i>Physical Review B</i> , 1991 , 43, 575-584	3-3	30
174	Inverse photoemission studies of the high-T _c superconductors. <i>Physical Review B</i> , 1988 , 37, 3738-3740	3-3	29
173	Coupling of stripes to lattice distortions in cuprates and nickelates. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 170-173	1-3	28

172	Unidirectional diagonal order and three-dimensional stacking of charge stripes in orthorhombic Pr _{1.67} Sr _{0.33} NiO ₄ and Nd _{1.67} Sr _{0.33} NiO ₄ . <i>Physical Review B</i> , 2006 , 74,	3-3	28
171	Antiferromagnetism in TlBa ₂ YCu ₂ O ₇ . <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 156, 781-784	3	28
170	Remarkable Stability of Charge Density Wave Order in La _{1.875} Ba _{0.125} CuO _{4} . <i>Physical Review Letters</i> , 2016 , 117, 167001	7-4	28
169	Modulated spin and charge densities in cuprate superconductors. <i>Physica B: Condensed Matter</i> , 1997 , 241-243, 745-750	2.8	27
168	q dependence of the dynamic susceptibility $\chi''(q, \omega)$ in superconducting YBa ₂ Cu ₃ O _{6.6} (T _c =46 K). <i>Physical Review B</i> , 1994 , 50, 12915-12919	3-3	27
167	X-ray-absorption study of CuBr at high pressure. <i>Physical Review B</i> , 1986 , 34, 4267-4277	3-3	27
166	Unoccupied states on Pd(110) and the surface potential barrier. <i>Physical Review B</i> , 1988 , 38, 12259-12263	3	27
165	Uniaxial linear resistivity of superconducting La _{1.905} Ba _{0.095} CuO ₄ induced by an external magnetic field. <i>Physical Review B</i> , 2012 , 85,	3-3	26
164	Dependence of superconductivity in CuxBi ₂ Se ₃ on quenching conditions. <i>Physical Review B</i> , 2015 , 91,	3-3	25
163	Reconciliation of local and long-range tilt correlations in underdoped La _{2-x} BaxCuO ₄ (0 ≤ x ≤ 0.155). <i>Physical Review B</i> , 2015 , 91,	3-3	25
162	Evidence for short-range-ordered charge stripes far above the charge-ordering transition in La _{1.67} Sr _{0.33} NiO ₄ . <i>Physical Review Letters</i> , 2013 , 111, 096404	7-4	25
161	X-ray diffuse scattering study of local distortions in Fe ¹⁺ +xTe induced by excess Fe. <i>Physical Review B</i> , 2011 , 83,	3-3	24
160	Temperature dependence of the bond-stretching phonon anomaly in YBa ₂ Cu ₃ O _{6.95} . <i>Physical Review B</i> , 2008 , 78,	3-3	24
159	Dzyaloshinsky-Moriya spin canting in the low-temperature tetragonal phase of La _{2-x} EuySrxCuO ₄ . <i>Physical Review B</i> , 2004 , 70,	3-3	24
158	Magnetic field induced enhancement of spin-order peak intensity in La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2008 , 78,	3-3	23
157	Diagonal static spin correlation in the low-temperature orthorhombic Pccn phase of La _{1.55} Nd _{0.45} Sr _{0.05} CuO ₄ . <i>Physical Review B</i> , 2001 , 64,	3-3	23
156	Lattice vibrational studies of superconducting YBa ₂ Cu ₃ O ₇ by polarized extended x-ray-absorption fine-structure measurements. <i>Physical Review B</i> , 1988 , 38, 6568-6574	3-3	23
155	Observation of Magnon Polarization. <i>Physical Review Letters</i> , 2020 , 125, 027201	7-4	22

154	Stripes and superconductivity in cuprates. <i>Physica B: Condensed Matter</i> , 2012 , 407, 1771-1774	2.8	21
153	Superconductivity induced by In substitution into the topological crystalline insulator Pb _{0.5} Sn _{0.5} Te. <i>Physical Review B</i> , 2014 , 90,	3.3	21
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