John M Tranquada

List of Publications by Year
in descending order

304 papers	22,187 citations	14614 66 h-index	9311 143 g-index
315 all docs	315 docs citations	315 times ranked	8480 citing authors

#	Article	IF	Citations
1	Evidence for stripe correlations of spins and holes in copper oxide superconductors. Nature, 1995, 375, 561-563.	13.7	2,910
2	How to detect fluctuating stripes in the high-temperature superconductors. Reviews of Modern Physics, 2003, 75, 1201-1241.	16.4	1,194
3	Colloquium: Theory of intertwined orders in high temperature superconductors. Reviews of Modern Physics, 2015, 87, 457-482.	16.4	737
4	Coexistence of, and Competition between, Superconductivity and Charge-Stripe Order inLa1.6â^'xNd0.4SrxCuO4. Physical Review Letters, 1997, 78, 338-341.	2.9	612
5	Neutron-Diffraction Determination of Antiferromagnetic Structure of Cu Ions inYBa2Cu3O6+xwithx=0.0ÂandÂ0.15. Physical Review Letters, 1988, 60, 156-159.	2.9	592
6	Quantum magnetic excitations from stripes in copper oxide superconductors. Nature, 2004, 429, 534-538.	13.7	547
7	Neutron-scattering study of stripe-phase order of holes and spins inLa1.48Nd0.4Sr0.12CuO4. Physical Review B, 1996, 54, 7489-7499.	1.1	528
8	Static and dynamic spin correlations in pure and dopedLa2CuO4. Physical Review B, 1988, 37, 7443-7453.	1.1	438
9	Simultaneous Ordering of Holes and Spins inLa2NiO4.125. Physical Review Letters, 1994, 73, 1003-1006.	2.9	378
10	Stripe phases in high-temperature superconductors. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 8814-8817.	3.3	335
11	Two Spin-State Transitions in LaCoO3. Journal of the Physical Society of Japan, 1998, 67, 290-296.	0.7	324
12	Antiferromagnetism inYBa2Cu3O6+x. Physical Review B, 1988, 38, 2477-2485.	1.1	304
13	Electronâ€“phonon coupling reflecting dynamic charge inhomogeneity in copper oxide superconductors. Nature, 2006, 440, 1170-1173.	13.7	299
14	Neutron-scattering study of the spin-state transition and magnetic correlations inLa1â^'xSrxCoO3(x=0) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	285
15	Two-Dimensional Superconducting Fluctuations in Stripe-Ordered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.875</mml:mn></mml:msub><mml:msub><mml:mi>Ba</mml:mi> Physical Review Letters, 2007, 99, 067001.	2.9	284
16	Neutron-scattering study of the dynamical spin susceptibility inYBa2Cu3O6.6. Physical Review B, 1992, 46, 5561-5575.	1.1	278
17	Stripe order, depinning, and fluctuations inLa1.875Ba0.125CuO4andLa1.875Ba0.075Sr0.050CuO4. Physical Review B, 2004, 70, .	1.1	260
18	Dimerization ofCuGeO3in the Spin-Peierls State. Physical Review Letters, 1994, 73, 736-739.	2.9	253

#	Article	IF	Citations
19	Dynamical Layer Decoupling in a Stripe-Ordered High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Superconductor. Physical Review Letters, 2007, 99, 127003.	2.9	251
20	Magnetic neutron scattering study of single-crystal cupric oxide. Physical Review B, 1989, 39, 4343-4349.	1.1	249
21	Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates. New Journal of Physics, 2009, 11, 115004.	1.2	244
22	Stripe order in superconducting La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:m	1.1	242
23	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>CuO<mml:math Nature of the charge carriers in electron-doped copper oxide superconductors. Nature, 1989, 337, 720-721.	13.7	232
24	Local Magnetic Order vs Superconductivity in a Layered Cuprate. Physical Review Letters, 2000, 85, 1738-1741.	2.9	210
25	The Physics of Pair-Density Waves: Cuprate Superconductors and Beyond. Annual Review of Condensed Matter Physics, 2020, 11, 231-270.	5.2	209
26	Imaging Dirac-mass disorder from magnetic dopant atoms in the ferromagnetic topological insulator Cr _x (Bi _{0.1} Sb _{0.9}) _{2-x} Te ₃. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1316-1321.	3.3	206
27	Extended x-rayâ€”absorption fine-structure study of anharmonicity in CuBr. Physical Review B, 1983, 28, 3520-3528.	1.1	201
28	Progress in Neutron Scattering Studies of Spin Excitations in High-T_cCuprates. Journal of the Physical Society of Japan, 2012, 81, 011007.	0.7	186
29	Neutron scattering study of magnetic excitations inYBa2Cu3O6+x. Physical Review B, 1989, 40, 4503-4516.	1.1	184
30	X-ray absorption studies ofLa2â^’x(Ba,Sr)xCuO4superconductors. Physical Review B, 1987, 35, 7187-7190.	1.1	172
31	Evidence for unusual superconducting correlations coexisting with stripe order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.875</mml:m Physical Review B, 2008, 78, .	1.1	171
32	Hardâ€“X-ray diffraction study of charge stripe order in La 1.48 Nd 0.4 Sr 0.12 CuO 4. Europhysics Letters, 1998, 41, 629-634.	0.7	170
33	Neutron-scattering study of antiferromagnetism inYBa2Cu3O6.15. Physical Review B, 1993, 48, 13817-13825.	1.1	169
34	Mixed valency, hole concentration, andTcinYBa2Cu3O6+x. Physical Review B, 1988, 38, 8893-8899.	1.1	162
35	Cooperative ordering of holes and spins inLa2NiO4.125. Physical Review B, 1995, 52, 3581-3595.	1.1	161
36	X-ray-absorption near-edge-structure study ofLa2â^’x(Ba,Sr)xCuO4â^’ysuperconductors. Physical Review B, 1987, 36, 5263-5274.	1.1	159

#	Article	IF	Citations
37	Charge and spin ordering inLa2â^'xSrxNiO4.00withx=0.135 and 0.20. Physical Review B, 1995, 51, 12742-12746.	1.1	159
38	Magnetic Neutron Scattering in Hole-Doped Cuprate Superconductors. Journal of the Physical Society of Japan, 2006, 75, 111003.	0.7	153
39	Neutron scattering studies of the magnetic structure of cupric oxide. Physical Review B, 1988, 38, 174-178.	1.1	141
40	Glassy nature of stripe ordering inLa1.6â^'xNd0.4SrxCuO4. Physical Review B, 1999, 59, 14712-14722.	1.1	139
41	Oxygen intercalation, stage ordering, and phase separation inLa2NiO4+Î´with 0.05â‰²Î´â‰²0.11. Physical Review B, 1994, 50, 6340-6351.	1.1	135
42	Glancing-angle extended x-ray-absorption fine structure and reflectivity studies of interfacial regions. Physical Review B, 1988, 38, 1016-1026.	1.1	129
43	Two-dimensional zone-center spin-wave excitations inLa2CuO4. Physical Review B, 1988, 37, 9761-9764.	1.1	123
44	Incommensurate stripe order inLa2â^'xSrxNiO4withx=0.225. Physical Review B, 1996, 54, 12318-12323.	1.1	117
45	Soft longitudinal modes in spin-singletCuGeO3. Physical Review B, 1994, 50, 1278-1281.	1.1	112
46	Temperature dependence of the dynamic susceptibility Ï‡â€™â€™(Ï‰) in superconductingYBa2Cu3O6.6(Tc=53 K). Physical Review B, 1993, 47, 5320-5324.	1.1	108
47	Neutron-diffraction study of stripe order inLa2NiO4+Î´withÎ´=215. Physical Review B, 1998, 57, 1066-1078.	1.1	104
48	Microstructure and structural defects in MgB2 superconductor. Physica C: Superconductivity and Its Applications, 2001, 356, 239-253.	0.6	101
49	Disappearance of Antiferromagnetic Spin Excitations in OverdopedLa2â^'xSrxCuO4. Physical Review Letters, 2007, 98, 247003.	2.9	99
50	Investigation of the Spin-Glass Regime between the Antiferromagnetic and Superconducting Phases in Fe_{1+y}Se_xTe_{1-x}. Journal of the Physical Society of Japan, 2010, 79, 113702.	0.7	96
51	Testing the itinerancy of spin dynamics in superconducting Bi2Sr2CaCu2O8+Î´. Nature Physics, 2009, 5, 642-646.	6.5	95
52	Interplay between magnetism and superconductivity in iron-chalcogenide superconductors: crystal growth and characterizations. Reports on Progress in Physics, 2011, 74, 124503.	8.1	95
53	Spin fluctuations in superconducting YBa_{2}Cu_{3}O_{6.5}. Physical Review Letters, 1990, 64, 800-803.	2.9	94
54	Neutron-powder-diffraction study of nuclear and magnetic structure inYBa2Cu3â^'xCoxO7+ywithx=0.84andy=0.32. Physical Review B, 1988, 38, 6575-6582.	1.1	89

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55	Intercalation and staging behavior in super-oxygenated La2CuO4 + Î´. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 100, 535-545.	1.1	88
56	Independent Freezing of Charge and Spin Dynamics inLa1.5Sr0.5CoO4. Physical Review Letters, 2000, 85, 4353-4356.	2.9	86
57	Neutron-scattering study of magnetic fluctuations in Zn-substitutedYBa2Cu3O6.6. Physical Review B, 1993, 48, 3485-3490.	1.1	84
58	Two-Dimensional Antiferromagnetic Excitations from a Large Single Crystal ofYBa2Cu3O6.2. Physical Review Letters, 1988, 61, 1317-1320.	2.9	81
59	Unconventional Temperature Enhanced Magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Fe</mml:mi><mml:mn>1.1</mml:mn></mml:msub><mml:mi>Te</mml:mi></mml:math>. Physical Review Letters, 2011, 107, 216403.	2.9	79
60	Optimizing the superconducting transition temperature and upper critical field of Sn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>In<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Te. Physical Review B, 2013, 88, .	1.1	75
61	Antiferromagnetic order in DyBa2Cu3O7. Physical Review B, 1987, 36, 7234-7236.	1.1	74
62	Evidence for an incommensurate magnetic resonance inLa2â^’xSrxCuO4. Physical Review B, 2004, 69, .	1.1	74
63	Spontaneous Symmetry Breaking by Charge Stripes in the High Pressure Phase of Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.875</mml:mn></mml:msub><mml:msub><mml:mi>Ba</mml:mi> Physical Review Letters, 2010, 104, 057004.	2.9	70
64	Variation of electronic and atomic structures inYBa2(Cu1â^’xFex)3O7â^’Î´. Physical Review B, 1989, 39, 6681-6689.	1.1	67
65	Bond-Stretching-Phonon Anomalies in Stripe-OrderedLa1.69Sr0.31NiO4. Physical Review Letters, 2002, 88, 075505.	2.9	67
66	Extended xâ€ray absorption fine structure of NaBr and Ge at high pressure. Journal of Applied Physics, 1980, 51, 3158-3163.	1.1	66
67	Oxygen phonon branches inYBa2Cu3O7. Physical Review B, 2004, 69, .	1.1	64
68	Absolute cross-section normalization of magnetic neutron scattering data. Review of Scientific Instruments, 2013, 84, 083906.	0.6	64
69	Neutron-scattering study of spin fluctuations in superconductingYBa2Cu3O6+x(x=0.40,0.45,0.50). Physical Review B, 1991, 43, 5554-5563.	1.1	62
70	Spin Dynamics in an Ordered Stripe Phase. Physical Review Letters, 1997, 79, 2133-2136.	2.9	62
71	Short-range incommensurate magnetic order near the superconducting phase boundary in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 80, .	1.1	62
72	Coupling of spin and orbital excitations in the iron-based superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeSe</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn> Physical Review B, 2010, 81, .	1.1	61

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73	Phase separation, charge-density waves, and magnetism inLa2NiO4+Î´with Î´=0.105. Physical Review Letters, 1993, 70, 445-448.	2.9	60
74	Orientation-dependent x-ray-absorption near-edge studies of high-Tcsuperconductors. Physical Review B, 1988, 38, 761-764.	1.1	59
75	An investigation of chromate inhibitors on aluminium using fluorescence detection of X-ray absorption. Corrosion Science, 1987, 27, 391-399.	3.0	58
76	Comparison of stripe modulations in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.875</mml:mn></mml:mrow></mml:msub></mml:math>Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.125</mml:mn></mml:mrow></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	58
77	Superconductivity, antiferromagnetism, and neutron scattering. Journal of Magnetism and Magnetic Materials, 2014, 350, 148-160.	1.0	57
78	Observation of Magnon Polarization. Physical Review Letters, 2020, 125, 027201.	2.9	55
79	Charge density waves in cuprate superconductors beyond the critical doping. Npj Quantum Materials, 2021, 6, .	1.8	55
80	Magnetic Excitations in Superconducting YBa2Cu3O6+xCrystals Studied by Neutron Inelastic Scattering. Journal of the Physical Society of Japan, 1993, 62, 263-273.	0.7	54
81	Charge stripes and antiferromagnetism in insulating nickelates and superconducting cuprates. Journal of Physics and Chemistry of Solids, 1998, 59, 2150-2154.	1.9	54
82	Continuous magnetic and structural phase transitions in Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Te. Physical Review B, 2012, 85, .	1.1	54
83	Magnetic correlations inYBa2Cu3O6+xat superconducting concentrations. Physical Review B, 1990, 41, 6547-6552.	1.1	53
84	Disappearance of static magnetic order and evolution of spin fluctuations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2010, 82, .	1.1	52
85	Magnetic Dispersion of the Diagonal Incommensurate Phase in Lightly Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml: Physical Review Letters, 2008, 101, 197001.	2.9	51
86	Field-induced staggered magnetic order inLa2NiO4.133. Physical Review B, 1997, 55, R6113-R6116.	1.1	50
87	Charge Order, Metallic Behavior, and Superconductivity inLa2â^’xBaxCuO4withx=1/8. Physical Review Letters, 2006, 96, 257002.	2.9	50
88	Magnetic and Transport Properties of LaCo1-xNixO3-Comparison with La1-xSrxCoO3. Journal of the Physical Society of Japan, 1999, 68, 1011-1017.	0.7	49
89	Effect of magnetic field on the spin resonance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeTe</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.5</mml: seen via inelastic neutron scattering. Physical Review B, 2010, 81, .	1.1	49
90	Spins, stripes, and superconductivity in hole-doped cuprates. AIP Conference Proceedings, 2013, , .	0.3	49

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91	d charge stripe order of superconducting La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	49
92	Magnetic excitations and soft-mode transition in the quasi-one-dimensional mixed-spin antiferromagnetPr2BaNiO5. Physical Review B, 1996, 54, 6437-6447.	1.1	48
93	High-Energy Spin Dynamics inLa1.69Sr0.31NiO4. Physical Review Letters, 2003, 90, 147202.	2.9	48
94	Mapping spin-wave dispersions in stripe-orderedLa2â^’xSrxNiO4(x=0.275, 0.333). Physical Review B, 2005, 72, .	1.1	48
95	Spectral shift of the magnetic cross section in superconductingYBa2Cu3O6+x. Physical Review B, 1991, 43, 8690-8693.	1.1	47
96	Temperature scaling of the integrated dynamical susceptibility in YBa2Cu3O6.5(T c =50 K). European Physical Journal B, 1992, 87, 15-19.	0.6	47
97	Charge stripes seen with X-rays in. European Physical Journal B, 1999, 12, 509-513.	0.6	47
98	Effect of a magnetic field on the spin- and charge-density-wave order inLa1.45Nd0.4Sr0.15CuO4. Physical Review B, 2003, 67, .	1.1	47
99	Magneto-Optical Measurements of a Cascade of Transitions in Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.875</mml:mn></mml:msub><mml:msub><mml:mi>Ba</mml:mi><mml: Crystals. Physical Review Letters, 2012, 109, 147001.	2.9	45
100	Evidence of Chiral Order in the Charge-Ordered Phase of Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>1.875</mml:mn></mml: Crystals Using Pola. Physical Review Letters, 2014, 112, 047003.	2.9	45
101	Magnetic gap excitations in a one-dimensional mixed spin antiferromagnetNd2BaNiO5. Physical Review B, 1996, 54, 7210-7215.	1.1	43
102	Freezing of a Stripe Liquid. Physical Review Letters, 2002, 88, 126401.	2.9	43
103	Large Bi-2212 single crystal growth by the floating-zone technique. Journal of Crystal Growth, 2008, 310, 1401-1404.	0.7	43
104	Determination of the optical properties of La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ba<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>CuO<mml:math	1.1	43
105	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml: Cuprate superconductors as viewed through a striped lens. Advances in Physics, 2020, 69, 437-509.	35.9	43
106	Antiferromagnetic ordering of Cu ions inNdBa2Cu3O6.1. Physical Review B, 1988, 38, 8720-8723.	1.1	42
107	Comparative study of CuK-edge x-ray-absorption and Cu 2px-ray photoelectron spectra in copper oxide compounds. Physical Review B, 1991, 44, 5176-5189.	1.1	42
108	Neutron-scattering study of magnetism inNd2BaNiO5. Physical Review B, 1994, 49, 9658-9662.	1.1	42

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109	Spin-entropy-driven melting of the charge order inLa1.5Sr0.5CoO4. Physical Review B, 2001, 64, .	1.1	42
110	Mid-infrared conductivity from mid-gap states associated with charge stripes. Physical Review B, 2003, 67, .	1.1	42
111	Direct observation of dynamic charge stripes in La2â€“xSrxNiO4. Nature Communications, 2014, 5, 3467.	5.8	42
112	Detection of charge scattering associated with stripe order inLa1.775Sr0.225NiO4by hard-x-ray diffraction. Physical Review B, 1997, 56, 8248-8251.	1.1	41
113	Spin-Stripe Density Varies Linearly With the Hole Content in Single-Layer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:m Physical Review Letters, 2013, 110, 017004.	2.9	41
114	Oxygen and strontium codoping ofLa2NiO4:â€ƒRoom-temperature phase diagrams. Physical Review B, 2004, 70, .	1.1	40
115	Ferro-Orbital Ordering Transition in Iron Telluride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mn> Physical Review Letters, 2014, 112, 187202.	2.9	40
116	Extended x-ray-absorption fine-structure Einstein frequency and moments of the phonon spectrum: An experimental and theoretical study. Physical Review B, 1985, 32, 2006-2009.	1.1	38
117	Charge stripes and spin correlations in copper-oxide superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 166-169.	0.6	38
118	Inelastic neutron scattering study of phonons and magnetic excitations inLaCoO3. Physical Review B, 2005, 72, .	1.1	36
119	Neutron Scattering Studies of Antiferromagnetic Correlations in Cuprates. , 2007, , 257-298.		36
120	Spin susceptibility of underdoped cuprate superconductors: Insights from a stripe-ordered crystal. Physical Review B, 2008, 78, .	1.1	35
121	X-ray-absorption study of CuBr at high pressure. Physical Review B, 1986, 34, 4267-4277.	1.1	34
122	Longitudinal spin fluctuations in nickel. Physical Review B, 1991, 43, 575-584.	1.1	34
123	Stripe Conductivity inLa1.775Sr0.225NiO4. Physical Review Letters, 2000, 84, 3919-3922.	2.9	34
124	High-energy magnetic excitations from dynamic stripes in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mn>1.875</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>0.125</mml:mn></mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physi	1.1	34
125	Disorder raises the critical temperature of a cuprate superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10691-10697.	3.3	34
126	Electronic properties of the bulk and surface states of Fe1+yTe1â^’xSex. Nature Materials, 2021, 20, 1221-1227.	13.3	34

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