

John M Tranquada

List of Publications by Year in descending order

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docs citations

315
times ranked

8480
citing authors

#	ARTICLE	IF	CITATIONS
1	John Goodenough and the Many Lives of Transition-Metal Oxides. Journal of the Electrochemical Society, 2022, 169, 010535.	1.3	5
2	Experimental evidence that zinc impurities pin pair-density-wave order in $\text{La}_{1-x}\text{Zn}_x\text{NiO}_2$. Physical Review B, 2021, 103, .	1.9	10
3	Charge density waves in cuprate superconductors beyond the critical doping. Npj Quantum Materials, 2021, 6, .	1.8	55
4	Charge Condensation and Lattice Coupling Drives Stripe Formation in Nickelates. Physical Review Letters, 2021, 126, 177601.	2.9	9
5	Electronic properties of the bulk and surface states of $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$. Nature Materials, 2021, 20, 1221-1227.	13.3	34
6	Reinvestigation of crystal symmetry and fluctuations in $\text{La}_{2-x}\text{Ce}_x\text{NiO}_4$. Physical Review B, 2021, 104, .	2.1	10
7	Superconductivity from Charge Order in Cuprates. Journal of the Physical Society of Japan, 2021, 90, 111002.	0.7	9
8	Real Space Imaging of Spin Stripe Domain Fluctuations in a Complex Oxide. Physical Review Letters, 2021, 127, 275301.	2.9	3
9	Topological Doping and Superconductivity in Cuprates: An Experimental Perspective. Symmetry, 2021, 13, 2365.	1.1	7
10	Using Uniaxial Stress to Probe the Relationship between Competing Superconducting States in a Cuprate with Spin-stripe Order. Physical Review Letters, 2020, 125, 097005.	2.9	22
11	Electron-phonon coupling and superconductivity in the doped topological crystalline insulator $(\text{Pb}_{0.5}\text{Sn}_{0.5})_{1-x}\text{In}_x\text{Te}$. Physical Review B, 2020, 102, .	1.1	5
12	Scaling behavior of low-temperature orthorhombic domains in the prototypical high-temperature superconductor $\text{La}_{1.875}\text{Ce}_{0.125}\text{NiO}_4$. Physical Review B, 2020, 101, .	1.1	6
13	Magnetism and superconductivity in $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$. Journal of Physics Condensed Matter, 2020, 32, 374003.	0.7	12
14	The Physics of Pair-Density Waves: Cuprate Superconductors and Beyond. Annual Review of Condensed Matter Physics, 2020, 11, 231-270.	5.2	209
15	Observation of Magnon Polarization. Physical Review Letters, 2020, 125, 027201.	2.9	55
16	Signatures of coupling between spin waves and Dirac fermions in YbMnBi_2 . Physical Review B, 2020, 101, .	1.1	16
17	Cuprate superconductors as viewed through a striped lens. Advances in Physics, 2020, 69, 437-509.	35.9	43
18	Magnetic-Field Control of Topological Electronic Response near Room Temperature in Correlated Kagome Magnets. Physical Review Letters, 2019, 123, 196604.	2.9	20

#	ARTICLE	IF	CITATIONS
19	Gapless spin excitations in superconducting $\text{La}_{2-x}\text{Ca}_x\text{Cu}_2\text{O}_6$ with T_c up to 55 K. <i>Physical Review B</i> , 2019, 99, .	1.1	2
20	Tuning from failed superconductor to failed insulator with magnetic field. <i>Science Advances</i> , 2019, 5, eaav7686.	4.7	21
21	Disorder raises the critical temperature of a cuprate superconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10691-10697.	3.3	34
22	Charge density wave memory in a cuprate superconductor. <i>Nature Communications</i> , 2019, 10, 1435.	5.8	30
23	Nature and impact of stripe freezing in $\text{La}_{1.67}\text{Sr}_{0.33}\text{NiO}_4$. <i>Physical Review B</i> , 2019, 100, .	1.1	9
24	Large surface conductance and superconductivity in topological insulator microstructures. <i>Applied Physics Letters</i> , 2019, 115, 173507.	1.5	1
25	Evidence for magnetic-field-induced decoupling of superconducting bilayers in $\text{La}_{2-x}\text{Ca}_x\text{Cu}_2\text{O}_6$. <i>Physical Review B</i> , 2018, 97, .	1.1	10
26	Low-energy antiferromagnetic spin fluctuations limit the coherent superconducting gap in cuprates. <i>Physical Review B</i> , 2018, 98, .	1.1	21
27	Electron and hole contributions to normal-state transport in the superconducting system Sn Physical Review B, 2018, 98, .	1.1	13
28	Coexistence of superconductivity and short-range double-stripe spin correlations in Te-vapor annealed $\text{FeTe}_{1-x}\text{Se}_x$ ($x=0.2$). <i>Physical Review B</i> , 2018, 97, .	1.1	8
29	Unusual phonon density of states and response to the superconducting transition in the In-doped topological crystalline insulator $\text{Pb}_{1-x}\text{Sn}_x$ Physical Review B, 2018, 97, .	1.1	10
30	Giant spin gap and magnon localization in the disordered Heisenberg antiferromagnet $\text{Sr}_2\text{Ir}_{1-x}\text{Ru}_x\text{O}_4$. <i>Physical Review B</i> , 2017, 95, .	1.1	8
31	Surprising loss of three-dimensionality in low-energy spin correlations on approaching superconductivity in Fe Physical Review B, 2017, 96, .	1.1	4
32	Complementary Response of Static Spin-Stripe Order and Superconductivity to Nonmagnetic Impurities in Cuprates. <i>Physical Review Letters</i> , 2017, 119, 087002.	2.9	8
33	Suppression of the antiferromagnetic order when approaching the superconducting state in a phase-separated crystal of $\text{KxFe}_2\text{ySe}_2$. <i>Physical Review B</i> , 2017, 96, .	1.1	2
34	Anomalous nanoclusters, anisotropy, and electronic nematicity in the doped manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ Physical Review B, 2017, 96, .	1.1	6
35	Static charge-density-wave order in the superconducting state of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ Physical Review B, 2017, 95, .	1.1	6
36	Evidence for a Nematic Phase in $\text{La}_{1.75}\text{Sr}_{0.25}\text{MnO}_3$ Physical Review Letters, 2017, 118, 177601.	2.9	11

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37	Indium Substitution Effect on the Topological Crystalline Insulator Family $(\text{Pb}_{1-x}\text{Sn}_x)\text{In}_2\text{Te}_3$: Topological and Superconducting Properties. Crystals, 2017, 7, 55.	1.0	19
38	Polarized neutron scattering on HYSPEC: the HYbrid SPECtrometer at SNS. Journal of Physics: Conference Series, 2017, 862, 012030.	0.3	23
39	Growth and structural characterization of large superconducting crystals of $\text{La}_{2-x}\text{Ca}_x\text{CuO}_6$. Physical Review Materials, 2017, 1, .	0.9	2
40	Forbidden phonon: Dynamical signature of bond symmetry breaking in the iron chalcogenides. Physical Review B, 2016, 94, .	1.1	8
41	Remarkable Stability of Charge Density Wave Order in $\text{La}_{1-x}\text{Bi}_x\text{FePO}_4$. Physical Review Letters, 2016, 117, 167001.	2.9	33
42	Combined single crystal polarized XAFS and XRD at high pressure: probing the interplay between lattice distortions and electronic order at multiple length scales in high- T_c cuprates. High Pressure Research, 2016, 36, 348-359.	0.4	4
43	Direct observation of electronic-liquid-crystal phase transitions and their microscopic origin in $\text{La}_{1/3}\text{Ca}_{2/3}\text{MnO}_3$. Scientific Reports, 2016, 6, 37624.	1.6	11
44	Charge-screening role of c -axis atomic displacements in $\text{YBa}_2\text{Cu}_3\text{O}_{6-x}$ related superconductors. Physical Review B, 2016, 93, .	1.1	19
45	Thermal evolution of antiferromagnetic correlations and tetrahedral bond angles in superconducting $\text{FeTe}_{1-x}\text{S}_x$. Physical Review B, 2016, 93, .	1.1	13
46	Neutron scattering study of spin ordering and stripe pinning in superconducting $\text{La}_{1-x}\text{Bi}_x\text{FePO}_4$. Physical Review B, 2015, 92, .	1.1	19
47	Surface-state-dominated transport in crystals of the topological crystalline insulator $\text{In}_{1-x}\text{Sb}_x\text{Te}$. Physical Review B, 2015, 91, .	1.1	18
48	Reconciliation of local and long-range tilt correlations in underdoped $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($0 \leq x \leq 0.155$). Physical Review B, 2015, 91, .	1.1	28
49	Low-energy phonons and superconductivity in $\text{Sn}_{1-x}\text{Bi}_x\text{Te}$. Physical Review B, 2015, 91, .	1.1	18
50	Substitution of Ni for Fe in superconducting $\text{Fe}_{0.98}\text{Te}_{0.5}\text{Se}_{0.5}$ depresses the normal-state conductivity but not the magnetic spectral weight. Physical Review B, 2015, 91, .	1.1	6
51	Imaging Dirac-mass disorder from magnetic dopant atoms in the ferromagnetic topological insulator $\text{Cr}_{1-x}\text{Bi}_x\text{Sb}_{2-x}\text{Te}_3$. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1316-1321.	3.3	206
52	Colloquium: Theory of intertwined orders in high temperature superconductors. Reviews of Modern Physics, 2015, 87, 457-482.	16.4	737
53	Dependence of superconductivity in $\text{Cu}_{1-x}\text{Bi}_x\text{Te}$ on quenching conditions. Physical Review B, 2015, 91, .	1.1	11
54	Exploring intertwined orders in cuprate superconductors. Physica B: Condensed Matter, 2015, 460, 136-140.	1.3	11

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55	Neutron Scattering and Its Application to Strongly Correlated Systems. Springer Series in Solid-state Sciences, 2015, , 205-235.	0.3	5
56	Direct observation of dynamic charge stripes in $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Nature Communications, 2014, 5, 3467.	5.8	42
57	Neutron-Scattering Evidence for a Periodically Modulated Superconducting Phase in the Underdoped Cuprate $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Physical Review Letters, 2014, 112, 187202.	2.9	24
58	Superconductivity induced by In substitution into the topological crystalline insulator $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$. Physical Review Letters, 2014, 112, 047003.	1.1	27
59	Ferro-Orbital Ordering Transition in Iron Telluride FeTe . Physical Review Letters, 2014, 112, 187202.	2.9	40
60	Evidence of Chiral Order in the Charge-Ordered Phase of Superconducting $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$ Crystals Using Polarized Neutron Scattering. Physical Review Letters, 2014, 112, 047003.	2.9	45
61	Nanoscale coherent intergrowthlike defects in a crystal of $\text{La}_{1.9}\text{Ca}_{1.1}\text{Cu}_2\text{O}_{6+\delta}$ made superconducting by high-pressure oxygen annealing. Physical Review B, 2014, 90, .	1.1	3
62	Superconductivity, antiferromagnetism, and neutron scattering. Journal of Magnetism and Magnetic Materials, 2014, 350, 148-160.	1.0	57
63	Local structure, stripe pinning, and superconductivity in $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Physical Review Letters, 2013, 110, 017004.	1.1	9
64	Spins, stripes, and superconductivity in hole-doped cuprates. AIP Conference Proceedings, 2013, , .	0.3	49
65	Optimizing the superconducting transition temperature and upper critical field of Sn_{1-x}Te . Physical Review B, 2013, 88, .	1.1	75
66	Absolute cross-section normalization of magnetic neutron scattering data. Review of Scientific Instruments, 2013, 84, 083906.	0.6	64
67	Local structure, stripe pinning, and superconductivity in $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Physical Review Letters, 2013, 110, 017004.	1.1	14
68	Energy-dependent crossover from anisotropic to isotropic magnetic dispersion in lightly doped $\text{La}_{1.96}\text{Sr}_{0.04}\text{CuO}_4$. Physical Review B, 2013, 87, .	1.1	8
69	Local structure, stripe pinning, and superconductivity in $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Physical Review Letters, 2013, 110, 017004.	1.1	21
70	Spin-Stripe Density Varies Linearly With the Hole Content in Single-Layer Bi_2Te_3 . Physical Review Letters, 2013, 110, 017004.	2.9	41
71	Local structure, stripe pinning, and superconductivity in $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Physical Review Letters, 2013, 110, 017004.	1.1	49
72	Evidence for Short-Range-Ordered Charge Stripes Far above the Charge-Ordering Transition in $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$. Physical Review Letters, 2013, 111, 096404.	2.9	30

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73	Low-energy magnetic excitations via suppression of the itinerancy in Fe _{1-x} Te. Physical Review B, 2012, 86, 114407.	1.1	14
74	Impact of dynamic orbital correlations on magnetic excitations in the normal state of iron-based superconductors. Physical Review B, 2012, 86, 114408.	1.1	20
75	Crystal field splitting and stripe order in La _{1-x} Ba _x CuO ₄ . Physical Review B, 2012, 86, 114409.	1.1	19
76	Magneto-Optical Measurements of a Cascade of Transitions in Superconducting Ba _{1-x} Bi _x Cu ₂ O ₇ . Physical Review Letters, 2012, 109, 147001.	2.9	45
77	Determination of the optical properties of La _{1-x} Cu ₂ O ₇ . Physical Review B, 2012, 86, 114410.	1.1	32
78	Magnetic order in Fe _{1-x} Te. Physical Review B, 2012, 86, 114411.	1.1	43
79	Magnetic order in Fe _{1-x} Te. Physical Review B, 2012, 86, 114412.	1.1	43
80	Progress in Neutron Scattering Studies of Spin Excitations in High-T _c Cuprates. Journal of the Physical Society of Japan, 2012, 81, 011007.	0.7	186
81	Cuprates Get Orders to Charge. Science, 2012, 337, 811-812.	6.0	6
82	Continuous magnetic and structural phase transitions in Fe _{1-x} Te. Physical Review B, 2012, 85, 114413.	1.1	54
83	Transport properties of stripe-ordered high T _c cuprates. Physica C: Superconductivity and Its Applications, 2012, 481, 46-54.	0.6	4
84	Temperature-Dependent Transformation of the Magnetic Excitation Spectrum on Approaching Superconductivity in Fe _{1-x} (Ni/Cu) _x Te _{0.5} Se _{0.5} . Physical Review Letters, 2012, 109, 227002.	2.9	20
85	Stripes and superconductivity in cuprates. Physica B: Condensed Matter, 2012, 407, 1771-1774.	1.3	25
86	X-ray diffuse scattering study of local distortions in Fe _{1-x} Te. Physical Review B, 2011, 83, 114414.	1.1	24
87	Interplay between magnetism and superconductivity in iron-chalcogenide superconductors: crystal growth and characterizations. Reports on Progress in Physics, 2011, 74, 124503.	8.1	95
88	Unconventional Temperature Enhanced Magnetism in Fe _{1-x} Te. Physical Review Letters, 2011, 107, 216403.	2.9	79
89	Zn-Doping Dependence of Stripe Order in La _{1.905} Ba _{0.095} CuO ₄ . Journal of Superconductivity and Novel Magnetism, 2011, 24, 1229-1233.	0.8	8
90	Detailed structure of the low-energy magnetic dispersion of the diagonal incommensurate phase in La _{1-x} Sr _x CuO ₄ . Physical Review B, 2011, 83, 114415.	1.1	5

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91	Effects of charge inhomogeneities on elementary excitations in $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$. Physical Review B, 2011, 84, .	1.1	12
92	Local-moment magnetism in superconducting $\text{FeTe}_{0.35}\text{Se}_{0.65}$ as seen via inelastic neutron scattering. Physical Review B, 2011, 84, .	1.1	21
93	Stripe order in superconducting $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$. Physical Review B, 2011, 84, .	1.1	58
94	Unusual Nernst Effect Suggesting Time-Reversal Violation in the Striped Cuprate Superconductor CuO . Physical Review Letters, 2011, 107, 277001.	1.1	242
95	Incommensurate Magnetic Excitation in Spin-Glass Phase of Bi2201 Cuprate. Journal of the Physical Society of Japan, 2011, 80, SB026.	0.7	5
97	Modulated superfluid density in an iron-pnictide superconductor. Physics Magazine, 2010, 3, .	0.1	6
98	Investigation of the Spin-Glass Regime between the Antiferromagnetic and Superconducting Phases in $\text{Fe}_{1-x}\text{Te}_x$. Journal of the Physical Society of Japan, 2010, 79, 113702.	0.7	96
99	Spontaneous Symmetry Breaking by Charge Stripes in the High Pressure Phase of Superconducting $\text{Ba}_{1-x}\text{K}_x\text{Cu}_2\text{O}_{7-x}$. Physical Review Letters, 2010, 104, 057004.	2.9	70
100	High T_c Materials. Neutron News, 2010, 21, 30-33.	0.1	1
101	Effect of magnetic field on the spin resonance in $\text{FeTe}_{0.5}\text{Se}_{0.5}$ seen via inelastic neutron scattering. Physical Review B, 2010, 81, .	1.1	49
102	Magnetic field effect on Fe-induced short-range magnetic correlation and electrical conductivity in $\text{Bi}_{1-x}\text{Sr}_x\text{Cu}_2\text{O}_{7-x}$. Physical Review B, 2010, 82, .	1.1	6.75
103	Interpreting quantum oscillation experiments on underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. Physical Review B, 2010, 81, .	1.1	17
104	Possibility of magnetic-field-induced reconstruction of the Fermi surface in underdoped cuprates: Constraints from infrared magneto-optics. Physical Review B, 2010, 81, .	1.1	7
105	Disappearance of static magnetic order and evolution of spin fluctuations in $\text{Fe}_{1-x}\text{Te}_x$. Physical Review B, 2010, 82, .	1.1	52
106	Coupling of spin and orbital excitations in the iron-based superconductor $\text{FeSe}_{0.5}\text{Te}_{0.5}$. Physical Review B, 2010, 81, .	1.1	61
107	Incommensurate spin correlations induced by magnetic Fe ions substituted into overdoped $\text{Bi}_{1-x}\text{Sr}_x\text{Cu}_2\text{O}_{7-x}$. Physical Review B, 2010, 81, .	1.1	15.75
108	Short-range incommensurate magnetic order near the superconducting phase boundary in $\text{Fe}_{1-x}\text{Te}_x$. Physical Review B, 2009, 80, .	1.1	62

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109	Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates. <i>New Journal of Physics</i> , 2009, 11, 115004.	1.2	244
110	Testing the itinerancy of spin dynamics in superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Nature Physics</i> , 2009, 5, 642-646.	6.5	95
111	Large Bi-2212 single crystal growth by the floating-zone technique. <i>Journal of Crystal Growth</i> , 2008, 310, 1401-1404.	0.7	43
112	Magnetic Dispersion of the Diagonal Incommensurate Phase in Lightly Doped $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$. <i>Physical Review Letters</i> , 2008, 101, 197001.	2.9	51
113	Temperature evolution of the magnetic excitations in charge ordered $\text{La}_{5/3}\text{Sr}_{1/3}\text{NiO}_4$. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104229.	0.7	4
114	Spin susceptibility of underdoped cuprate superconductors: Insights from a stripe-ordered crystal. <i>Physical Review B</i> , 2008, 78, .	1.1	35
115	Magnetic field induced enhancement of spin-order peak intensity in $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$. <i>Physical Review B</i> , 2008, 78, .	1.1	27
116	Evidence for unusual superconducting correlations coexisting with stripe order in $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$. <i>Physical Review B</i> , 2008, 78, .	1.1	171
117	Temperature dependence of the bond-stretching phonon anomaly in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2008, 78, .	1.1	27
118	Two-Dimensional Superconducting Fluctuations in Stripe-Ordered $\text{La}_{1-x}\text{Sr}_x\text{Ba}_x\text{CuO}_2$. <i>Physical Review Letters</i> , 2007, 99, 067001.	2.9	284
119	Disappearance of Antiferromagnetic Spin Excitations in Overdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 2007, 98, 247003.	2.9	99
120	Dynamical Layer Decoupling in a Stripe-Ordered High- T_c Superconductor. <i>Physical Review Letters</i> , 2007, 99, 127003.	2.9	251
121	Charge stripes in $\text{La}_{1-x}\text{Sr}_x\text{Ba}_y\text{CuO}_2$. <i>Physical Review B</i> , 2007, 75, .	1.1	34
122	Stripe order and vibrational properties of La_2NiO_4 for $\delta = 2 \times 15$: Measurements and ab initio calculations. <i>Physical Review B</i> , 2007, 75, .	1.1	15
123	Coupling of stripes to lattice distortions in cuprates and nickelates. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 170-173.	0.6	28
124	Magnetic excitations in overdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 166-169.	0.6	1
125	Electron-Phonon Anomaly Related to Charge Stripes: Static Stripe Phase Versus Optimally Doped Superconducting $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. <i>Journal of Low Temperature Physics</i> , 2007, 147, 353-364.	0.6	22
126	Neutron Scattering Studies of Antiferromagnetic Correlations in Cuprates. , 2007, , 257-298.		36

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127	Electron-phonon coupling reflecting dynamic charge inhomogeneity in copper oxide superconductors. <i>Nature</i> , 2006, 440, 1170-1173.	13.7	299
128	Universal magnetic excitation spectrum in cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 511-515.	1.9	12
129	Crystal growth and superconductivity of $(\text{La}_{1-x}\text{Ca}_x)_2\text{CaCu}_2\text{O}_{6+\delta}$. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 431-434.	1.9	9
130	Single-crystal growth and superconductivity of $(\text{La}_{1-x}\text{Sr}_x)_2\text{CaCu}_2\text{O}_{6+\delta}$. <i>Journal of Crystal Growth</i> , 2006, 287, 318-322.	0.7	9
131	Neutron scattering study of phonons in. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 532-533.	1.3	2
132	Magnetic Neutron Scattering in Hole-Doped Cuprate Superconductors. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 111003.	0.7	153
133	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.	2.9	50
134	Unidirectional diagonal order and three-dimensional stacking of charge stripes in orthorhombic $\text{Pr}_{1.67}\text{Sr}_{0.33}\text{NiO}_4$ and $\text{Nd}_{1.67}\text{Sr}_{0.33}\text{NiO}_4$. <i>Physical Review B</i> , 2006, 74, .	1.1	31
135	Stripes and superconductivity in cuprate superconductors. , 2005, , .		5
136	Charge stripes in cuprate superconductors: The middle way. <i>European Physical Journal Special Topics</i> , 2005, 131, 67-72.	0.2	4
137	Phonons and magnons in stripe-ordered nickelates. A Raman scattering study. <i>Low Temperature Physics</i> , 2005, 31, 154-160.	0.2	2
138	Neutron scattering study on $\text{La}_{1.9}\text{Ca}_{1.1}\text{Cu}_2\text{O}_{6+\delta}$ and $\text{La}_{1.85}\text{Sr}_{0.15}\text{CaCu}_2\text{O}_{6+\delta}$. <i>Physical Review B</i> , 2005, 71, .	1.1	14
139	Mapping spin-wave dispersions in stripe-ordered $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ($x=0.275, 0.333$). <i>Physical Review B</i> , 2005, 72, .	1.1	48
140	Inelastic neutron scattering study of phonons and magnetic excitations in LaCoO_3 . <i>Physical Review B</i> , 2005, 72, .	1.1	36
141	Universal features of charge and spin order in a half-doped layered perovskite. <i>Journal of Applied Physics</i> , 2004, 95, 7369-7371.	1.1	9
142	Stripe order, depinning, and fluctuations in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ and $\text{La}_{1.875}\text{Ba}_{0.075}\text{Sr}_{0.050}\text{CuO}_4$. <i>Physical Review B</i> , 2004, 70, .	1.1	260
143	Oxygen phonon branches in $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 2004, 69, .	1.1	64
144	Dzyaloshinsky-Moriya spin canting in the low-temperature tetragonal phase of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2004, 70, .	1.1	28

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145	Quantum magnetic excitations from stripes in copper oxide superconductors. <i>Nature</i> , 2004, 429, 534-538.	13.7	547
146	Interplay of structural and electronic phase separation in single-crystalline La_2CuO_4 studied by neutron and Raman scattering. <i>Physical Review B</i> , 2004, 69, .	1.1	4
147	Structural properties and charge ordered states in RMnO_3 (R=La, Pr, Nd, Ca, Sr) and $(\text{La, Sr})_2\text{NiO}_4$. <i>Micron</i> , 2004, 35, 419-424.	1.1	3
148	Neutron scattering study of charge fluctuations and spin fluctuations in optimally doped $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 70-75.	0.6	8
149	Metallic charge stripes in cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 426-429.	0.6	2
150	Stripe correlations in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 451-452.	0.6	0
151	Spin excitations in stripe-ordered $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ($x=0.275$ and). <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 265-266.	1.0	3
152	Evidence for an incommensurate magnetic resonance in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2004, 69, .	1.1	74
153	Neutron scattering study of the layered Ising magnet $\text{CsDy}(\text{MoO}_4)_2$. <i>Low Temperature Physics</i> , 2004, 30, 133-139.	0.2	9
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