Martin Greven

List of Publications by Year
in descending order

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139 papers	9,728 citations	44042 48 h-index	36008 97 g-index
141 all docs	141 docs citations	141 times ranked	4540 citing authors

#	Article	IF	Citations
1	Enhanced superconductivity and ferroelectric quantum criticality in plastically deformed strontium titanate. Nature Materials, 2022, 21, 54-61.	13.3	41
2	Uniaxial Strain Control of Bulk Ferromagnetism in Rare-Earth Titanates. Physical Review Letters, 2022, 128, 167201.	2.9	5
3	Electrochemical mechanism of ionic-liquid gating in antiferromagnetic Mott-insulating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NiS</mml:mi><mml:mn>2</mml:mn></mml:msub></m single crystals. Physical Review Materials, 2022, 6, .	3.1	0
4	Post-growth annealing effects on charge and spin excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mrow> <mml:mn>2</mml:mn></mm Physical Review Materials, 2021, 5, .	3.1	4
5	Mirror symmetry breaking in a model insulating cuprate. Nature Physics, 2021, 17, 777-781.	6.5	24
6	Two-component electronic phase separation in the doped Mott insulator Y1âˆ’xCaxTiO3. Physical Review B, 2021, 104, .	1.1	3
7	Nature of the ferromagnetic-antiferromagnetic transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 104, .	1.1	1
8	Phenomenological model of the third-harmonic magnetic response due to superconducting fluctuations: Application to Sr2RuO4. Physical Review B, 2021, 104, .	1.1	1
9	Anisotropic time-domain electronic response in cuprates driven by midinfrared pulses. Physical Review B, 2021, 104, .	1.1	4
10	Doping- and Strain-Dependent Electrolyte-Gate-Induced Perovskite to Brownmillerite Transformation in Epitaxial La_{1â€“x}Sr_xCoO_{3âˆ’Î´} Films. ACS Applied Materials & Interfaces, 2021, 13, 51205-51217.	4.0	18
11	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi) Tj ETQq1 1 0.784314 rgBT /Ove and <mml:math		

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19	Electronic structure and small-hole polarons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">YTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	0.9	5
20	Diagonal nematicity in the pseudogap phase of HgBa2CuO4+Î´. Nature Communications, 2019, 10, 3282.	5.8	47
21	Evidence for a universal Fermi-liquid scattering rate throughout the phase diagram of the copper-oxide superconductors. New Journal of Physics, 2019, 21, 113007.	1.2	19
22	Unusual behavior of cuprates explained by heterogeneous charge localization. Science Advances, 2019, 5, eaau4538.	4.7	46
23	Universal superconducting precursor in three classes of unconventional superconductors. Nature Communications, 2019, 10, 2729.	5.8	29
24	Universal precursor of superconductivity in the cuprates. Physical Review B, 2019, 99, .	1.1	18
25	Hole pocketâ€“driven superconductivity and its universal features in the electron-doped cuprates. Science Advances, 2019, 5, eaap7349.	4.7	30
26	Signatures of Enhanced Superconducting Phase Coherence in Optimally Doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Y</mml:mi></mml:mrow><mml:mrow><mml:mn>0.08</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mm Physical Review Letters, 2019, 122, 067002.	2.9	20
27	Wide-voltage-window reversible control of electronic transport in electrolyte-gated epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaSnO</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review Materials, 2019, 3, .	0.9	20
28	Dynamics of correlation-frozen antinodal quasiparticles in superconducting cuprates. Science Advances, 2018, 4, eaar1998.	4.7	23
29	Orientation of the intra-unit-cell magnetic moment in the high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">c</mml:mi></mml:msub></mml:math> superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>HgB</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Cu</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>4</mml:mn><mml:mo>+</mml:mo> Phy	1.1	20
30	Emergence of superconductivity in the cuprates via a universal percolation process. Nature Communications, 2018, 9, 4327.	5.8	44
31	Coupling between dynamic magnetic and charge-order correlations in the cuprate superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>2</mml:mn> Physical Review B, 2018, 98, .	1.1	33
32	Percolative nature of the direct-current paraconductivity in cuprate superconductors. Npj Quantum Materials, 2018, 3, .	1.8	29
33	Decomposition of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow> Perpendicular magnetic anisotropy via strain-engineered oxygen vacancy ordering in epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi	0.9	2
34	mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi	0.9	28
35	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>6</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn> Physical Review Materials, 2018, 2, .	0.9	7
36	Synchrotron x-ray scattering study of charge-density-wave order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2017, 96, .	1.1	62

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37	In Situ Observation of Phase Separation in High-Temperature Superconductor La2-xSrxCuO4. Microscopy and Microanalysis, 2017, 23, 1680-1681.	0.2	0
38	Ion-gel-gating-induced oxygen vacancy formation in epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi>Co</mml:mi><mml:msu	0.9	44
39	Single reconstructed Fermi surface pocket in an underdoped single-layer cuprate superconductor. Nature Communications, 2016, 7, 12244.	5.8	46
40	Commensurate antiferromagnetic excitations as a signature of the pseudogap in the tetragonal high-Tc cuprate HgBa2CuO4+Î´. Nature Communications, 2016, 7, 10819.	5.8	55
41	Hourglass Dispersion and Resonance of Magnetic Excitations in the Superconducting State of the Single-Layer Cuprate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>HgBa</mml:mi></mml:mrow><mml:mrow><mml:mn	2.9	26
42	Near Q. Physical Review Letters, 2016, 117, 277002. The rate of quasiparticle recombination probes the onset of coherence in cuprate superconductors. Scientific Reports, 2016, 6, 23610.	1.6	27
43	Doping-dependent charge order correlations in electron-doped cuprates. Science Advances, 2016, 2, e1600782.	4.7	65
44	Hidden Fermi-liquid Charge Transport in the Antiferromagnetic Phase of the Electron-Doped Cuprate Superconductors. Physical Review Letters, 2016, 117, 197001.	2.9	26
45	Electronic spin susceptibilities and superconductivity inHgBa2CuO4+Î´from nuclear magnetic resonance. Physical Review B, 2015, 92, .	1.1	16
46	Snapshots of the retarded interaction of charge carriers with ultrafast fluctuations in cuprates. Nature Physics, 2015, 11, 421-426.	6.5	92
47	Charge order and its connection with Fermi-liquid charge transport in a pristine high-Tc cuprate. Nature Communications, 2014, 5, 5875.	5.8	259
48	In-Plane Magnetoresistance Obeys Kohlerâ€™s Rule in the Pseudogap Phase of Cuprate Superconductors. Physical Review Letters, 2014, 113, 177005.	2.9	78
49	Angle-resolved photoemission spectroscopy study ofHgBa2CuO4+Î´. Physical Review B, 2014, 89, .	1.1	40
50	High-Energy Anomaly in the Angle-Resolved Photoemission Spectra of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mm	2.9	15
51	E. Physical Review Letters, 2014, 113, 137001. Asymmetry of collective excitations in electron- and hole-doped cuprate superconductors. Nature Physics, 2014, 10, 883-889.	6.5	106
52	Strain derivatives ofTcin HgBa2CuO4+Î´: The CuO2plane alone is not enough. Physical Review B, 2014, 89, .	1.1	11
53	Photo-enhanced antinodal conductivity in the pseudogap state of high-Tc cuprates. Nature Communications, 2014, 5, 4353.	5.8	35
54	Hall, Seebeck, and Nernst Coefficients of Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mr	2.8	62
	Fermi-Surface Reconstruction in an Archetypal Cuprate Superconductor. Physical Review X, 2013, 3, .		

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55	Universal sheet resistance and revised phase diagram of the cuprate high-temperature superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12235-12240.	3.3	142
56	Universal quantum oscillations in the underdoped cuprate superconductors. Nature Physics, 2013, 9, 761-764.	6.5	130
57	Competition Between the Pseudogap and Superconducting States of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mn mathvariant="bold">Y</mml:mi><mml:mn>0.08</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mrow><mml:mi. Physical Review Letters, 2013, 110, 187003.	2.9	37
58	Absence of Static Loop-Current Magnetism at the Apical Oxygen Site inHgBa2CuO4+Î´from NMR. Physical Review Letters, 2013, 111, 187003.	2.9	38
59	Doping-Dependent Photon Scattering Resonance in the Model High-Temperature Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mi> by Raman Scattering and Optical Ellipsometry. Physical Review Letters, 2013, 111, 187001.	2.9	25
60	Time-Resolved Optical Reflectivity of the Electron-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi> Superconductor: Evidence for an Interplay between Competing Orders. Physical Review Letters, 2013, 110, 217002.	2.9	35
61	Spectroscopic evidence for Fermi liquid-like energy and temperature dependence of the relaxation rate in the pseudogap phase of the cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5774-5778.	3.3	108
62	Temperature and field dependence of the anisotropy parameter for the high-temperature superconductor HgBa2CuO4+Î´. Superconductor Science and Technology, 2012, 25, 115010.	1.8	4
63	Two-component quantum spin susceptibility of superconducting HgBa<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:math>single crystals measured using<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	30
64	Feedback Effect on High-Energy Magnetic Fluctuations in the Model High-Temperature SuperconductorHgBa2CuO4+Î´Observed by Electronic Raman Scattering. Physical Review Letters, 2012, 108, 227003.	2.9	26
65	Two Ising-like magnetic excitations in a single-layer cuprate superconductor. Nature Physics, 2012, 8, 404-410.	6.5	28
66	Disentangling the Electronic and Phononic Glue in a High- T _c Superconductor. Science, 2012, 335, 1600-1603.	6.0	157
67	Magnetic vortex lattice in HgBa<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:mrow></mml:msub></mml:mrow></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	21
68	Magnetic order in the pseudogap phase of HgBa<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:math>studied overdoped Bi<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:mrow></mml:msub></mml:mrow></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	64
69	by spin-polarized neutron diffraction. Physical Review B, 2011, 84, .	1.1	39
70	High-energy anomaly in Nd2â^’xCexCuO4investigated by angle-resolved photoemission spectroscopy and quantum Monte Carlo simulations. Physical Review B, 2011, 83, .	1.1	8
71	Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. Physical Review B, 2011, 84, .	1.1	20
72	Distinctive behavior of superconducting fluctuations and pseudogap in nearly optimally doped single crystal of HgBa2CuO4+. Physica C: Superconductivity and Its Applications, 2010, 470, S228-S229.	0.6	0

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73	Hidden magnetic excitation in the pseudogap phase of a high-Tc superconductor. Nature, 2010, 468, 283-285.	13.7	110
74	Polarization dependence and symmetry analysis in indirect<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>-edge RIXS. Physical Review B, 2010, 82, .	1.1	16
75	Enhancement of the Critical Temperature of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mi> Applying Uniaxial and Hydrostatic Pressure: Implications for a Universal Trend in Cuprate Superconductors. Physical Review Letters, 2010, 105, 167002.	7.6	37
76	Two characteristic energies in the low-energy magnetic response of the electron-doped high-temperature superconductorNd2âˆ’xCexCuO4+Î´. Physical Review B, 2010, 82, .	1.1	6
77	Unraveling the Nature of Charge Excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mi> Momentum-Resolved Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>-Edge Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2010, 105, 177401.	2.9	39
78	Magnetic resonance in the model high-temperature superconductorHgBa2CuO4+Î´. Physical Review B, 2010, 81, .	1.1	33
79	Microwave measurements of the in-plane and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>c</mml:mi></mml:math>-axis conductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>HgBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub>	1.1	40
80	Optical determination of the relation between the electron-boson coupling function and the critical temperature in high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:mrow></mml:math>cuprate Physical Review B, 2009, 79, .	1.1	103
81	Spatial Inhomogeneities in Single-Crystal HgBa2CuO4+Î´ fromÂ63Cu NMR Spin and Quadrupole Shifts. Journal of Superconductivity and Novel Magnetism, 2009, 22, 179-183.	0.8	27
82	A universal relationship between magnetic resonance and superconducting gap in unconventional superconductors. Nature Physics, 2009, 5, 873-875.	6.5	141
83	Vortex dynamics in single crystal Hg-1201. Physica C: Superconductivity and Its Applications, 2009, 469, 1126-1128.	0.6	1
84	Discontinuity of the ultrafast electronic response of underdoped superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2009, 79, .	1.1	51
85	Unusual magnetic order in the pseudogap region of the superconductor HgBa2CuO4+Î´. Nature, 2008, 455, 372-375.	13.7	260
86	Demonstrating the model nature of the high-temperature superconductorHgBa2CuO4+Î´. Physical Review B, 2008, 78, .	1.1	61
87	Analysis of the spectral function ofNd1.85Ce0.15CuO4obtained by angle-resolved photoemission spectroscopy. Physical Review B, 2008, 78, .	1.1	16
88	Optical and thermodynamic properties of the high-temperature superconductorHgBa2CuO4+Î´. Physical Review B, 2007, 75, .	1.1	42
89	Spin correlations in the electron-doped high-transition-temperature superconductor Nd2-xCexCuO4Â±Î´. Nature, 2007, 445, 186-189.	13.7	190
90	Normal state spectral lineshapes of nodal quasiparticles in single layer Bi2201 superconductor. Journal of Physics and Chemistry of Solids, 2006, 67, 239-243.	1.9	6

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91	STM studies of near-optimal doped Bi2Sr2CaCu2O8+Î´. Journal of Physics and Chemistry of Solids, 2006, 67, 344-349.	1.9	10
92	Crystal Growth and Characterization of the Model High-Temperature Superconductor HgBa2CuO4+Î´. Advanced Materials, 2006, 18, 3243-3247.	11.1	61
93	Magnetic Field Effect on the Superconducting Magnetic Gap ofNd1.85Ce0.15CuO4. Physical Review Letters, 2006, 96, 137002.	2.9	20
94	Incident energy and polarization-dependent resonant inelastic x-ray scattering study ofLa2CuO4. Physical Review B, 2006, 74, .	1.1	34
95	Muon Spin Relaxation Studies of Magnetic-Field-Induced Effects in High-TcSuperconductors. Physical Review Letters, 2005, 95, 157001.	2.9	51
96	Charge-Transfer Excitations in the Model SuperconductorHgBa2CuO4+Î´. Physical Review Letters, 2005, 95, 217003.	2.9	43
97	Susceptibilities and spin gaps of weakly coupled spin ladders. Physical Review B, 2004, 69, .	1.1	7
98	Phase decomposition and chemical inhomogeneity inNd2â^'xCexCuO4Â±Î´. Physical Review B, 2004, 70, .	1.1	80
99	Spin Correlations and Magnetic Order in NonsuperconductingNd2â^'xCexCuO4Â±Î´. Physical Review Letters, 2004, 93, 027002.	2.9	78
100	Periodic coherence-peak height modulations in superconductingBi2Sr2CaCu2O8+Î´. Physical Review B, 2004, 70, .	1.1	59
101	A universal scaling relation in high-temperature superconductors. Nature, 2004, 430, 539-541.	13.7	235
102	Effect of chemical inhomogeneity in bismuth-based copper oxide superconductors. Physical Review B, 2004, 69, .	1.1	410
103	Neutron scattering, magnetometry, and quantum Monte Carlo study of the randomly diluted spin-1/2 square-lattice Heisenberg antiferromagnet. Solid State Communications, 2003, 126, 93-101.	0.9	14
104	Quantum critical behaviour in a high-Tc superconductor. Nature, 2003, 425, 271-274.	13.7	288
105	Periodic density-of-states modulations in superconductingBi2Sr2CaCu2O8+Î´. Physical Review B, 2003, 67, .	1.1	301
106	ELECTRON-PHONON INTERACTION IN N-DOPED CUPRATES: AN INELASTIC X-RAY SCATTERING STUDY. International Journal of Modern Physics B, 2003, 17, 484-492.	1.0	12
107	Anomalous Dispersion of Longitudinal Optical Phonons inNd1.86Ce0.14CuO4+Î´Determined by Inelastic X-Ray Scattering. Physical Review Letters, 2002, 88, 167002.	2.9	92
108	Electronic excitations near the Brillouin zone boundary ofBi2Sr2CaCu2O8+Î´. Physical Review B, 2002, 65, .	1.1	37

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109	Quantum Versus Geometric Disorder in a Two-Dimensional Heisenberg Antiferromagnet. Physical Review Letters, 2002, 89, 177202.	2.9	41
110	Bulk magnetic properties and phase diagram of Li-dopedLa2CuO4:Common magnetic response of hole-dopedCuO2planes. Physical Review B, 2002, 66, .	1.1	17
111	PHOTOEMISSION STUDY OF THE INTRA-UNIT-CELL COUPLING IN A TRILAYER CUPRATE. International Journal of Modern Physics B, 2002, 16, 1691-1696.	1.0	5
112	Quantum Impurities in the Two-Dimensional Spin One-Half Heisenberg Antiferromagnet. Science, 2002, 295, 1691-1695.	6.0	129
113	Electronic Structure of the Trilayer Cuprate SuperconductorBi2Sr2Ca2Cu3O10+Î´. Physical Review Letters, 2002, 88, 107001.	2.9	95
114	Doping Dependence of ann-Type Cuprate Superconductor Investigated by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2002, 88, 257001.	2.9	379
115	Order Parameter Criticality of thed=3Random-Field Ising AntiferromagnetFe0.85Zn0.15F2. Physical Review Letters, 2002, 89, 157202.	2.9	34
116	Preparation and characterization of homogeneous YBCO single crystals with doping level near the SC-AFM boundary. Physica C: Superconductivity and Its Applications, 2002, 383, 1-7.	0.6	35
117	Anomalous Electronic Structure and Pseudogap Effects inNd1.85Ce0.15CuO4. Physical Review Letters, 2001, 87, 147003.	2.9	175
118	Freezing of anisotropic spin clusters inLa1.98Sr0.02CuO4. Physical Review B, 2000, 61, 4326-4333.	1.1	34
119	Energy Spectrum of Spin Fluctuations in Superconducting La2-xSrxCuO4(0.10â‰¤xâ‰¤0.25). Journal of the Physical Society of Japan, 2000, 69, 1170-1176.	0.7	51
120	Ordering due to Quantum Fluctuations inSr2Cu3O4Cl2. Physical Review Letters, 1999, 83, 852-855.	2.9	63
121	Neutron-scattering study of static antiferromagnetic correlations inLa2â^'xSrxCu1â^'yZnyO4. Physical Review B, 1999, 59, 6517-6523.	1.1	213
122	Field-dependent antiferromagnetism and ferromagnetism of the two copper sublattices inSr2Cu3O4Cl2. Physical Review B, 1999, 59, 14702-14711.	1.1	16
123	Instantaneous spin correlations inLa2CuO4. Physical Review B, 1999, 59, 13788-13794.	1.1	68
124	Doping dependence of the spatially modulated dynamical spin correlations and the superconducting-transition temperature inLa2â^'xSrxCuO4. Physical Review B, 1998, 57, 6165-6172.	1.1	841
125	Correlations and NÃ©el Order of Randomly Diluted Quantum Spin Ladders. Physical Review Letters, 1998, 81, 1945-1948.	2.9	24
126	Square-Lattice Heisenberg Antiferromagnet at Very Large Correlation Lengths. Physical Review Letters, 1998, 80, 1742-1745.	2.9	116

#	Article	IF	Citations
127	Ferromagnetic Moment and Spin Rotation Transitions in Tetragonal AntiferromagneticSr2Cu3O4Cl2. Physical Review Letters, 1997, 78, 535-538.	2.9	62
128	Correlation Lengths in Quantum Spin Ladders. Physical Review Letters, 1997, 78, 4115-4118.	2.9	22
129	Spin fluctuations in superconducting La2â^'xSrxCuO4. Physica C: Superconductivity and Its Applications, 1996, 263, 349-354.	0.6	2
130	Monte Carlo Study of Correlations in Quantum Spin Ladders. Physical Review Letters, 1996, 77, 1865-1868.	2.9	154
131	Band mapping of the model insulator Sr2CuO2Cl2â€"Dispersion of a single hole in an antiferromagnetic background. Journal of Physics and Chemistry of Solids, 1995, 56, 1871-1874.	1.9	1
132	Magnetism and magnetic fluctuations in La1 â^' xSrxCuO4 for x = 0 (2D antiferromagnet), 0.04 (3D spin) Tj ETQq0 0 0 rgBT /Overlock 1	1.9	34
133	Direct Observation of a Magnetic Gap in SuperconductingLa1.85Sr0.15CuO4(Tc=37.3K). Physical Review Letters, 1995, 75, 1626-1629.	2.9	167
134	Spin Dependence of Correlations in Two-Dimensional Square-Lattice Quantum Heisenberg Antiferromagnets. Physical Review Letters, 1995, 75, 938-941.	2.9	63
135	Eversus k Relations and Many Body Effects in the Model Insulating Copper OxideSr2CuO2Cl2. Physical Review Letters, 1995, 74, 964-967.	2.9	473
136	Spin correlations in the 2D Heisenberg antiferromagnetSr2CuO2Cl2: Neutron scattering, Monte Carlo simulation, and theory. Physical Review Letters, 1994, 72, 1096-1099.	2.9	125
137	Growth of large pure, doped and co-doped La2CuO4 single crystals. Journal of Crystal Growth, 1993, 128, 813-816.	0.7	3
138	Mid-infrared optical absorption in undoped lamellar copper oxides. Physical Review Letters, 1993, 71, 1621-1624.	2.9	144
139	Magnetic excitations in pure, lightly doped, and weakly metallicLa2CuO4. Physical Review B, 1992, 46, 14034-14053.	1.1	557