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	Doping dependence of the spatially modulated dynamical spin correlations and the superconducting-transition temperature inLa2âˆ'xSrxCuO4. Physical Review B, 1998, 57, 6165-6172.	1.1	841
2	Magnetic excitations in pure, lightly doped, and weakly metallicLa2CuO4. Physical Review B, 1992, 46, 14034-14053.	1.1	557
3	Eversus k Relations and Many Body Effects in the Model Insulating Copper OxideSr2CuO2Cl2. Physical Review Letters, 1995, 74, 964-967.	2.9	473
4	Effect of chemical inhomogeneity in bismuth-based copper oxide superconductors. Physical Review B, 2004, 69, .	1.1	410
5	Doping Dependence of ann-Type Cuprate Superconductor Investigated by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2002, 88, 257001.	2.9	379
6	Periodic density-of-states modulations in superconductingBi2Sr2CaCu2O8+Î´. Physical Review B, 2003, 67, .	1.1	301
7	Quantum critical behaviour in a high-Tc superconductor. Nature, 2003, 425, 271-274.	13.7	288
8	Unusual magnetic order in the pseudogap region of the superconductor HgBa2CuO4+Î´. Nature, 2008, 455, 372-375.	13.7	260
9	Charge order and its connection with Fermi-liquid charge transport in a pristine high-Tc cuprate. Nature Communications, 2014, 5, 5875.	5.8	259
10	A universal scaling relation in high-temperature superconductors. Nature, 2004, 430, 539-541.	13.7	235
11	Neutron-scattering study of static antiferromagnetic correlations inLa2âˆ'xSrxCu1âˆ'yZnyO4. Physical Review B, 1999, 59, 6517-6523.	1.1	213
12	Spin correlations in the electron-doped high-transition-temperature superconductor Nd2-xCexCuO4Â±Î´. Nature, 2007, 445, 186-189.	13.7	190
13	Anomalous Electronic Structure and Pseudogap Effects inNd1.85Ce0.15CuO4. Physical Review Letters, 2001, 87, 147003.	2.9	175
14	Direct Observation of a Magnetic Gap in SuperconductingLa1.85Sr0.15CuO4(Tc=37.3K). Physical Review Letters, 1995, 75, 1626-1629.	2.9	167
15	Disentangling the Electronic and Phononic Glue in a High- T _c Superconductor. Science, 2012, 335, 1600-1603.	6.0	157
16	Monte Carlo Study of Correlations in Quantum Spin Ladders. Physical Review Letters, 1996, 77, 1865-1868.	2.9	154
17	Mid-infrared optical absorption in undoped lamellar copper oxides. Physical Review Letters, 1993, 71, 1621-1624.	2.9	144
18	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

#	Article	IF	Citations
19	A universal relationship between magnetic resonance and superconducting gap in unconventional superconductors. Nature Physics, 2009, 5, 873-875.	6.5	141
20	Universal quantum oscillations in the underdoped cuprate superconductors. Nature Physics, 2013, 9, 761-764.	6.5	130
21	Quantum Impurities in the Two-Dimensional Spin One-Half Heisenberg Antiferromagnet. Science, 2002, 295, 1691-1695.	6.0	129
22	Spin correlations in the 2D Heisenberg antiferromagnetSr2CuO2Cl2: Neutron scattering, Monte Carlo simulation, and theory. Physical Review Letters, 1994, 72, 1096-1099.	2.9	125
23	Square-Lattice Heisenberg Antiferromagnet at Very Large Correlation Lengths. Physical Review Letters, 1998, 80, 1742-1745.	2.9	116
24	Hidden magnetic excitation in the pseudogap phase of a high-Tc superconductor. Nature, 2010, 468, 283-285.	13.7	110
25	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
26	Asymmetry of collective excitations in electron- and hole-doped cuprate superconductors. Nature Physics, 2014, 10, 883-889.	6.5	106
27	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
28	Electronic Structure of the Trilayer Cuprate SuperconductorBi2Sr2Ca2Cu3O10+Î´. Physical Review Letters, 2002, 88, 107001.	2.9	95
29	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
30	Snapshots of the retarded interaction of charge carriers with ultrafast fluctuations in cuprates. Nature Physics, 2015, 11, 421-426.	6.5	92
31	Phase decomposition and chemical inhomogeneity inNd2âˆ’xCexCuO4Â±Î´. Physical Review B, 2004, 70, .	1.1	80
32	Spin Correlations and Magnetic Order in NonsuperconductingNd2âˆ’xCexCuO4Â±Î´. Physical Review Letters, 2004, 93, 027002.	2.9	78
33	In-Plane Magnetoresistance Obeys Kohlerâ€™s Rule in the Pseudogap Phase of Cuprate Superconductors. Physical Review Letters, 2014, 113, 177005.	2.9	78
34	Instantaneous spin correlations inLa2CuO4. Physical Review B, 1999, 59, 13788-13794.	1.1	68
35	Doping-dependent charge order correlations in electron-doped cuprates. Science Advances, 2016, 2, e1600782.	4.7	65
36	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 by spin-polarized neutron diffraction. Physical Review B, 2011, 84, .	1.1	64

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37	Spin Dependence of Correlations in Two-Dimensional Square-Lattice Quantum Heisenberg Antiferromagnets. Physical Review Letters, 1995, 75, 938-941.	2.9	63
38	Ordering due to Quantum Fluctuations inSr2Cu3O4Cl2. Physical Review Letters, 1999, 83, 852-855.	2.9	63
39	Ferromagnetic Moment and Spin Rotation Transitions in Tetragonal AntiferromagneticSr2Cu3O4Cl2. Physical Review Letters, 1997, 78, 535-538.	2.9	62
40	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><mm Fermi-Surface Reconstruction in an Archetypal Cuprate Superconductor. Physical Review X, 2013, 3, .	2.8	62
41	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><mml:mn></ Physical Review B, 2017, 96, .	3.7	62
42	Crystal Growth and Characterization of the Model High-Temperature Superconductor HgBa2CuO4+Î´. Advanced Materials, 2006, 18, 3243-3247.	11.1	61
43	Demonstrating the model nature of the high-temperature superconductorHgBa2CuO4+Î´. Physical Review B, 2008, 78, .	1.1	61
44	Periodic coherence-peak height modulations in superconductingBi2Sr2CaCu2O8+Î´. Physical Review B, 2004, 70, .	1.1	59
45	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
46	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
47	Muon Spin Relaxation Studies of Magnetic-Field-Induced Effects in High-TcSuperconductors. Physical Review Letters, 2005, 95, 157001.	2.9	51
48	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
49	Diagonal nematicity in the pseudogap phase of HgBa2CuO4+Î´. Nature Communications, 2019, 10, 3282.	5.8	47
50	Single reconstructed Fermi surface pocket in an underdoped single-layer cuprate superconductor. Nature Communications, 2016, 7, 12244.	5.8	46
51	Unusual behavior of cuprates explained by heterogeneous charge localization. Science Advances, 2019, 5, eaau4538.	4.7	46
52	Emergence of superconductivity in the cuprates via a universal percolation process. Nature Communications, 2018, 9, 4327.	5.8	44
53	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
54	Charge-Transfer Excitations in the Model SuperconductorHgBa2CuO4+Î´. Physical Review Letters, 2005, 95, 217003.	2.9	43

#	Article	IF	Citations
55	Optical and thermodynamic properties of the high-temperature superconductorHgBa2CuO4+Î´. Physical Review B, 2007, 75, .	1.1	42
56	Quantum Versus Geometric Disorder in a Two-Dimensional Heisenberg Antiferromagnet. Physical Review Letters, 2002, 89, 177202.	2.9	41
57	Enhanced superconductivity and ferroelectric quantum criticality in plastically deformed strontium titanate. Nature Materials, 2022, 21, 54-61.	13.3	41
58	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:m Discrimi. Physical Review B, 2009, 80, .	1.1	40
59	Angle-resolved photoemission spectroscopy study ofHgBa2CuO4+Î´. Physical Review B, 2014, 89, .	1.1	40
60	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:n 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
61	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	39
62	Absence of Static Loop-Current Magnetism at the Apical Oxygen Site inHgBa2CuO4+Î´from NMR. Physical Review Letters, 2013, 111, 187003.	2.9	38
63	Electronic excitations near the Brillouin zone boundary ofBi2Sr2CaCu2O8+Î´. Physical Review B, 2002, 65, .	1.1	37
64	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: Applying Uniaxial and Hydrostatic Pressure: Implications for a Universal Trend in Cuprate Superconductors. Physical Review Letters, 2013, 110, 107003.	2.9	37
65	Competition between 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:m 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> mathvariant="bold">O</mml:mi></mml:mrow><mml:mrow> Physical Review Letters, 2013, 110, 107003.	2.9	37
66	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
67	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
68	Photo-enhanced antinodal conductivity in the pseudogap state of high-Tc cuprates. Nature Communications, 2014, 5, 4353.	5.8	35
69	Magnetism and magnetic fluctuations in La1 â€’ xSrxCuO4 for x = 0 (2D antiferromagnet), 0.04 (3D spin) Tj ETQq1 1 0.784314 rgBT /	1.9	34
70	Freezing of anisotropic spin clusters inLa1.98Sr0.02CuO4. Physical Review B, 2000, 61, 4326-4333.	1.1	34
71	Order Parameter Criticality of thed=3Random-Field Ising AntiferromagnetFe0.85Zn0.15F2. Physical Review Letters, 2002, 89, 157202.	2.9	34
72	Incident energy and polarization-dependent resonant inelastic x-ray scattering study ofLa2CuO4. Physical Review B, 2006, 74, .	1.1	34

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73	Magnetic resonance in the model high-temperature superconductorHgBa2CuO4+Î´. Physical Review B, 2010, 81, .	1.1	33
74	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>	1.1	33
75	Physical Review B, 2018, 98, .	1.1	30
76	Hole pocketâ€“driven superconductivity and its universal features in the electron-doped cuprates. Science Advances, 2019, 5, eaap7349.	4.7	30
77	Percolative nature of the direct-current paraconductivity in cuprate superconductors. Npj Quantum Materials, 2018, 3, .	1.8	29
78	Universal superconducting precursor in three classes of unconventional superconductors. Nature Communications, 2019, 10, 2729.	5.8	29
79	Two Ising-like magnetic excitations in a single-layer cuprate superconductor. Nature Physics, 2012, 8, 404-410.	6.5	28
80	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 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:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Co</mml:mi><mml:msub><mml:mi	0.9	28
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	The rate of quasiparticle recombination probes the onset of coherence in cuprate superconductors. Scientific Reports, 2016, 6, 23610.	1.6	27
83	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
84	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</mml:mn>	2.9	26
85	Near Q. Physical Review Letters, 2016, 117, 277002.	2.9	26
86	Hidden Fermi-liquid Charge Transport in the Antiferromagnetic Phase of the Electron-Doped Cuprate Superconductors. Physical Review Letters, 2016, 117, 197001.	2.9	25
87	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><mm	2.9	25
88	by Raman Scattering and Optical Ellipsometry. Physical Review Letters, 2013, 111, 187001.	2.9	24
89	Correlations and NÃ©el Order of Randomly Diluted Quantum Spin Ladders. Physical Review Letters, 1998, 81, 1945-1948.	2.9	24
90	Mirror symmetry breaking in a model insulating cuprate. Nature Physics, 2021, 17, 777-781.	6.5	24
	Dynamics of correlation-frozen antinodal quasiparticles in superconducting cuprates. Science Advances, 2018, 4, eaar1998.	4.7	23
	Correlation Lengths in Quantum Spin Ladders. Physical Review Letters, 1997, 78, 4115-4118.	2.9	22

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91	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:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>4</mml:mn><mml:mo>+</mml:mo><mml:mi>δ</mml:mi></mml:msub></mml:mrow></mml:ma	1.1	21
92	Magnetic Field Effect on the Superconducting Magnetic Gap ofNd1.85Ce0.15CuO4. Physical Review Letters, 2006, 96, 137002.	2.9	20
93	Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. Physical Review B, 2011, 84, .	1.1	20
94	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>T</mml:mi><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	1.1	20
95	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>	2.9	20
96	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
97	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
98	Universal precursor of superconductivity in the cuprates. Physical Review B, 2019, 99, .	1.1	18
99	Doping- and Strain-Dependent Electrolyte-Gate-Induced Perovskite to Brownmillerite Transformation in Epitaxial La_{1â€“x}Sr_xCoO_{3â^Î´} Films. ACS Applied Materials & Interfaces, 2021, 13, 51205-51217.	4.0	18
100	Bulk magnetic properties and phase diagram of Li-dopedLa2CuO4:Common magnetic response of hole-dopedCuO2planes. Physical Review B, 2002, 66, .	1.1	17
101	Field-dependent antiferromagnetism and ferromagnetism of the two copper sublattices inSr2Cu3O4Cl2. Physical Review B, 1999, 59, 14702-14711.	1.1	16
102	Analysis of the spectral function ofNd1.85Ce0.15CuO4obtained by angle-resolved photoemission spectroscopy. Physical Review B, 2008, 78, .	1.1	16
103	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
104	Electronic spin susceptibilities and superconductivity inHgBa2CuO4+Î´from nuclear magnetic resonance. Physical Review B, 2015, 92, .	1.1	16
105	Resistivity phase diagram of cuprates revisited. Physical Review B, 2020, 102, .	1.1	16
106	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:mn><mm E. Physical Review Letters, 2014, 113, 137001.	2.9	15
107	Unusual Dynamic Charge Correlations in Simple-Tetragonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>HgBa</mml:mi></mml:mrow><mml:mrow><mml:mn> Physical Review X, 2020, 10, .	2.8	15
108	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

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109	Strain-induced majority carrier inversion in ferromagnetic epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaCo</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>â^’</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></ thin films. Physical Review Materials, 2020, 4, .	0.9	14
110	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
111	Strain derivatives ofTcin HgBa2CuO4+Î´: The CuO2plane alone is not enough. Physical Review B, 2014, 89, .	1.1	11
112	STM studies of near-optimal doped Bi2Sr2CaCu2O8+Î´. Journal of Physics and Chemistry of Solids, 2006, 67, 344-349.	1.9	10
113	Phonon spectrum of underdoped <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></ investigated by neutron scattering. Physical Review B, 2020, 101, .	1.1	9
114	High-energy anomaly in Nd2â^’xCexCuO4investigated by angle-resolved photoemission spectroscopy and quantum Monte Carlo simulations. Physical Review B, 2011, 83, .	1.1	8
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116	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>â^’</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	7
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133	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi mathvariant="normal">r</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Cu</mml:mi><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi and <mml:math		