Hiroshi Eisaki

List of Publications by Year
in descending order

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703 papers	40,327 citations	1980 101 h-index	3563 181 g-index
710 all docs	710 docs citations	710 times ranked	12493 citing authors

#	Article	IF	Citations
1	Evidence for ubiquitous strong electronâ€“phonon coupling in high-temperature superconductors. Nature, 2001, 412, 510-514.	13.7	1,246
2	Superconductivity in the quaternary intermetallic compounds LnNi2B2C. Nature, 1994, 367, 252-253.	13.7	867
3	A Four Unit Cell Periodic Pattern of Quasi-Particle States Surrounding Vortex Cores in Bi2Sr2CaCu2O8+delta. Science, 2002, 295, 466-469.	6.0	781
4	Microscopic electronic inhomogeneity in the high-Tc superconductor Bi2Sr2CaCu2O8+x. Nature, 2001, 413, 282-285.	13.7	778
5	Imaging the granular structure of high-Tc superconductivity in underdoped Bi2Sr2CaCu2O8+Î´. Nature, 2002, 415, 412-416.	13.7	687
6	Controlled-valence properties ofLa1âˆ’xSrxFeO3andLa1âˆ’xSrxMnO3studied by soft-x-ray absorption spectroscopy. Physical Review B, 1992, 46, 4511-4519.	1.1	619
7	Imaging the effects of individual zinc impurity atoms on superconductivity in Bi2Sr2CaCu2O8+Î´. Nature, 2000, 403, 746-750.	13.7	574
8	Effect of Structural Parameters on Superconductivity in Fluorine-Free LnFeAsO_{1-y} (Ln = La, Nd). Journal of the Physical Society of Japan, 2008, 77, 083704.	0.7	574
9	Superconductivity at 23 K in yttrium palladium boride carbide. Nature, 1994, 367, 146-148.	13.7	572
10	An Intrinsic Bond-Centered Electronic Glass with Unidirectional Domains in Underdoped Cuprates. Science, 2007, 315, 1380-1385.	6.0	560
11	Imaging Quasiparticle Interference in Bi2Sr2CaCu2O8+delta. Science, 2002, 297, 1148-1151.	6.0	538
12	Charge Order Driven by Fermi-Arc Instability in Bi ₂ Sr _{2âˆ’ x} La _x CuO _{6+Î´}. Science, 2014, 343, 390-392.	6.0	512
13	Intra-unit-cell electronic nematicity of the high-Tc copper-oxide pseudogap states. Nature, 2010, 466, 347-351.	13.7	486
14	Relating atomic-scale electronic phenomena to wave-like quasiparticle states in superconducting Bi2Sr2CaCu2O8+Î´. Nature, 2003, 422, 592-596.	13.7	425
15	Competition between magnetism and superconductivity in rare-earth nickel boride carbides. Physical Review B, 1994, 50, 647-650.	1.1	415
16	Magnetic Susceptibility of Ideal Spin 1/2 Heisenberg Antiferromagnetic Chain Systems,Sr2CuO3andSrCuO2. Physical Review Letters, 1996, 76, 3212-3215.	2.9	412
17	Effect of chemical inhomogeneity in bismuth-based copper oxide superconductors. Physical Review B, 2004, 69, .	1.1	410
18	Atomic-Scale Sources and Mechanism of Nanoscale Electronic Disorder in Bi2Sr2CaCu2O8+Â. Science, 2005, 309, 1048-1052.	6.0	393

#	Article	IF	Citations
19	Doping Dependence of ann-Type Cuprate Superconductor Investigated by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2002, 88, 257001.	2.9	379
20	Coincidence of Checkerboard Charge Order and Antinodal State Decoherence in Strongly Underdoped SuperconductingBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2005, 94, 197005.	2.9	361
21	Observation of Spin-Charge Separation in One-Dimensional SrCuO2. Physical Review Letters, 1996, 77, 4054-4057.	2.9	355
22	Interplay of electronâ€“lattice interactions and superconductivity in Bi2Sr2CaCu2O8+Î´. Nature, 2006, 442, 546-550.	13.7	337
23	Electronic structure and spin-state transition ofLaCoO3. Physical Review B, 1993, 47, 16124-16130.	1.1	331
24	How Cooper pairs vanish approaching the Mott insulator in Bi2Sr2CaCu2O8+Î´. Nature, 2008, 454, 1072-1078.	13.7	314
25	Interplay of magnetism and high-Tc superconductivity at individual Ni impurity atoms in Bi2Sr2CaCu2O8+Î´. Nature, 2001, 411, 920-924.	13.7	307
26	Periodic density-of-states modulations in superconductingBi2Sr2CaCu2O8+Î´. Physical Review B, 2003, 67, .	1.1	301
27	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. Science, 2011, 331, 1579-1583.	6.0	292
28	Universal nodal Fermi velocity. Nature, 2003, 423, 398-398.	13.7	291
29	Doping-dependent evolution of the electronic structure ofLa2â^'xSrxCuO4in the superconducting and metallic phases. Physical Review B, 2002, 65, .	1.1	288
30	Quantum critical behaviour in a high-Tc superconductor. Nature, 2003, 425, 271-274.	13.7	288
31	Electronic states and magnetic properties of edge-sharing Cu-O chains. Physical Review B, 1998, 57, 5326-5335.	1.1	281
32	Superconductivity at 54 K in F-Free NdFeAsO_{1-y}. Journal of the Physical Society of Japan, 2008, 77, 063707.	0.7	281
33	STM Studies of the Electronic Structure of Vortex Cores inBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2000, 85, 1536-1539.	2.9	279
34	Metallic Behavior of Lightly DopedLa2â^'xSrxCuO4with a Fermi Surface Forming an Arc. Physical Review Letters, 2003, 91, 027001.	2.9	275
35	Ultrafast Electron Relaxation in Superconducting<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="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:math>Time-Resolved Photoelectron Spectroscopy. Physical Review Letters, 2007, 99, 197001.	2.9	264
36	Evolution of the spectral function in Mott-Hubbard systems withd1configuration. Physical Review Letters, 1992, 69, 1796-1799.	2.9	262

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37	Signature of Superfluid Density in the Single-Particle Excitation Spectrum of Bi2Sr2CaCu2O8+delta. Science, 2000, 289, 277-281.	6.0	240
38	Optical Study of theSr14â^'xCaxCu24O41System: Evidence for Hole-DopedCu2O3Ladders. Physical Review Letters, 1997, 78, 1980-1983.	2.9	234
39	New-Structure-Type Fe-Based Superconductors: CaAFe₄As₄ (A =) Tj ETQq1 1 0.784314 rgBT /O Chemical Society, 2016, 138, 3410-3415.	6.6	228
40	Bilayer Splitting in the Electronic Structure of Heavily OverdopedBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2001, 86, 5550-5553.	2.9	227
41	Microwave Penetration Depth and Quasiparticle Conductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PrFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>y</mml:mi> Crystals: Evidence for a Full-Gap Superconductor. Physical Review Letters, 2009, 102, 017002.	2.9	224
42	Phase competition in trisected superconducting dome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18332-18337.	3.3	222
43	Octet-Line Node Structure of Superconducting Order Parameter in KFe ₂ As ₂. Science, 2012, 337, 1314-1317.	6.0	215
44	Coupling of theB1gPhonon to the Antinodal Electronic States ofBi2Sr2Ca0.92Y0.08Cu2O8+Î´. Physical Review Letters, 2004, 93, 117003.	2.9	210
45	Simultaneous Transitions in Cuprate Momentum-Space Topology and Electronic Symmetry Breaking. Science, 2014, 344, 612-616.	6.0	210
46	Systematic doping evolution of the underlying Fermi surface ofLa2â^'xSrxCuO4. Physical Review B, 2006, 74, .	1.1	208
47	One-Dimensional Electronic Structure and Suppression of d-Wave Node State in (La1.28Nd0.6Sr0.12)CuO4. Science, 1999, 286, 268-272.	6.0	207
48	Mutual Experimental and Theoretical Validation of Bulk Photoemission Spectra ofSr1â^'xCaxVO3. Physical Review Letters, 2004, 93, 156402.	2.9	205
49	Detection of a Cooper-pair density wave in Bi2Sr2CaCu2O8+x. Nature, 2016, 532, 343-347.	13.7	205
50	Chemical Potential Shift in Overdoped and UnderdopedLa2â^'xSrxCuO4. Physical Review Letters, 1997, 79, 2101-2104.	2.9	201
51	Direct phase-sensitive identification of a d -form factor density wave in underdoped cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3026-32.	3.3	198
52	Symmetry of charge order in cuprates. Nature Materials, 2015, 14, 796-800.	13.3	195
53	Distinct spinon and holon dispersions in photoemission spectral functions from one-dimensional SrCuO2. Nature Physics, 2006, 2, 397-401.	6.5	193
54	Spin Dynamics of the Spin-Ladder Dimer-Chain MaterialSr14Cu24O41. Physical Review Letters, 1998, 81, 1702-1705.	2.9	177

#	Article	IF	Citations
55	Universal High Energy Anomaly in the Angle-Resolved Photoemission Spectra of High Temperature Superconductors: Possible Evidence of Spinon and Holon Branches. Physical Review Letters, 2007, 98, 067004.	2.9	177
56	Structural Quantum Criticality and Superconductivity in Iron-Based Superconductor Ba(Fe_{1-<i>x</i>}Co_{<i>x</i>})₂As₂. Journal of the Physical Society of Japan, 2012, 81, 024604.	0.7	177
57	Particleâ€"hole symmetry breaking in the pseudogap state of Bi2201. Nature Physics, 2010, 6, 414-418.	6.5	176
58	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe ₂ As ₂ revealed by optical spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12238-12242.	3.3	173
59	Evidence for superconducting gap nodes in the zone-centered hole bands of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>KFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms magnetic penetration-depth measurements. Physical Review B, 2010, 82, .	1.1	172
60	Tracking Cooper Pairs in a Cuprate Superconductor by Ultrafast Angle-Resolved Photoemission. Science, 2012, 336, 1137-1139.	6.0	171
61	Reduction of Ordered Moment and NÃ©el Temperature of Quasi-One-Dimensional AntiferromagnetsSr2CuO3andCa2CuO3. Physical Review Letters, 1997, 78, 1787-1790.	2.9	170
62	Pressure-Induced Dimensional Crossover and Superconductivity in the Hole-Doped Two-Leg Ladder Compound Sr14-xCaxCu24O41. Physical Review Letters, 1998, 81, 1090-1093.	2.9	168
63	Crystallization of charge holes in the spin ladder of Sr14Cu24O41. Nature, 2004, 431, 1078-1081.	13.7	168
64	Electronic structure ofLa2â^'xSrxCuO4in the vicinity of the superconductor-insulator transition. Physical Review B, 2000, 62, 4137-4141.	1.1	159
65	Laser Based Angle-Resolved Photoemission, the Sudden Approximation, and Quasiparticle-Like Spectral Peaks inBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2006, 96, 017005.	2.9	157
66	Disentangling the Electronic and Phononic Glue in a High- <i>T</i> _c Superconductor. Science, 2012, 335, 1600-1603.	6.0	157
67	Multiple Bosonic Mode Coupling in the Electron Self-Energy of(La2â^'xSrx)CuO4. Physical Review Letters, 2005, 95, 117001.	2.9	156
68	Universal Heat Conduction in the Iron Arsenide Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Evidence of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-Wave State. Physical Review Letters, 2012, 109, 087001.	2.9	155
69	Effect of Disorder Outside theCuO2Planes onTcof Copper Oxide Superconductors. Physical Review Letters, 2005, 95, 097006.	2.9	152
70	Anisotropic Energy Gaps of Iron-Based Superconductivity from Intraband Quasiparticle Interference in LiFeAs. Science, 2012, 336, 563-567.	6.0	151
71	Effect of Ca substitution and pressure on the transport and magnetic properties ofSr14Cu24O41with doped two-leg Cu-O ladders. Physical Review B, 1997, 55, R3386-R3389.	1.1	149
72	Transport and optical studies of single crystals of the 80-K Biâ€"Srâ€"Caâ€"Cuâ€"O superconductor. Nature, 1988, 332, 236-238.	13.7	147

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73	Evolution of the electronic excitation spectrum with strongly diminishing hole density in superconducting Bi2Sr2CaCu2O8+Î´. Nature Physics, 2008, 4, 319-326.	6.5	143
74	Topological Defects Coupling Smectic Modulations to Intraâ€“Unit-Cell Nematicity in Cuprates. Science, 2011, 333, 426-430.	6.0	139
75	Doping Dependent Density of States and Pseudogap Behavior inLa2âˆ’xSrxCuO4. Physical Review Letters, 1998, 81, 2124-2127.	2.9	138
76	Optical-phonon study of single crystals of various layered cuprates and related materials: Evidence of unique electron-phonon coupling in theCuO2plane. Physical Review B, 1991, 43, 10496-10507.	1.1	137
77	Dynamics in theS=1/2One-Dimensional AntiferromagnetSr2CuO3via63CuNMR. Physical Review Letters, 1996, 76, 4612-4615.	2.9	137
78	Doubling of the Bands in OverdopedBi2Sr2CaCu2O8+Î´: Evidence forc-Axis Bilayer Coupling. Physical Review Letters, 2001, 87, 117002.	2.9	137
79	Machine learning in electronic-quantum-matter imaging experiments. Nature, 2019, 570, 484-490.	13.7	133
80	Ultrafast Optical Nonlinearity in the Quasi-One-Dimensional Mott InsulatorSr2CuO3. Physical Review Letters, 2000, 85, 2204-2207.	2.9	132
81	Low-energy electronic structure of the high-Tccuprates La2âˆ’xSrxCuO4studied by angle-resolved photoemission spectroscopy. Journal of Physics Condensed Matter, 2007, 19, 125209.	0.7	132
82	Spin and charge dynamics in the hole-doped one-dimensional-chainâ€“ladder composite materialSr14Cu24O41:Cu NMR/NQR studies. Physical Review B, 1998, 57, 1124-1140.	1.1	131
83	Possible Multiple Gap Superconductivity with Line Nodes in Heavily Hole-Doped Superconductor KFe₂As₂ Studied by ⁷⁵As Nuclear Quadrupole Resonance and Specific Heat. Journal of the Physical Society of Japan, 2009, 78, 083712.	0.7	131
84	Imaging the impact on cuprate superconductivity of varying the interatomic distances within individual crystal unit cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3203-3208.	3.3	128
85	Spectral weight transfer and mass renormalization in Mott-Hubbard systemsSrVO3andCaVO3: Influence of long-range Coulomb interaction. Physical Review B, 1995, 52, 13711-13714.	1.1	126
86	Evolution of the optical spectrum with doping in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow> Physical Review B, 2010, 81, .	1.1	125
87	Hierarchy of multiple many-body interaction scales in high-temperature superconductors. Physical Review B, 2007, 75, .	1.1	124
88	In-plane and out-of-plane magnetoresistance inLa2âˆ’xSrxCuO4single crystals. Physical Review B, 1996, 53, 8733-8742.	1.1	123
89	⁷⁵As-NQR/NMR Studies on Oxygen-Deficient Iron-Based Oxypnictide Superconductors LaFeAsO_{1-y} (y = 0, 0.25, 0.4) and NdFeAsO_{0.6}. Journal of the Physical Society of Japan, 2008, 77, 093704.	0.7	122
90	Superconductivity in lanthanum nickel boro-nitride. Nature, 1994, 372, 245-247.	13.7	121

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91	Universal versus Material-Dependent Two-Gap Behaviors of the 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>Cuprate Superconductors: Angle-Resolved Photoemission Study of<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	2.9	119
92	Spectroscopic Fingerprint of Phase-Incoherent Superconductivity in the Underdoped Bi ₂ Sr ₂ CaCu ₂ O _{8+Î´}. Science, 2009, 325, 1099-1103.	6.0	119
93	Dichotomy between Nodal and Antinodal Quasiparticles in Underdoped(La2â^'xSrx)CuO4Superconductors. Physical Review Letters, 2004, 92, 187001.	2.9	118
94	Single Crystal Growth and Characterization of the Iron-Based Superconductor KFe₂As₂Synthesized by KAs Flux Method. Journal of the Physical Society of Japan, 2010, 79, 124713.	0.7	117
95	Nodal quasiparticle meltdown in ultrahigh-resolution pumpâ€"probe angle-resolved photoemission. Nature Physics, 2011, 7, 805-809.	6.5	114
96	Fermi Surface and Band Dispersion in La2-xSrxCuO4. Journal of the Physical Society of Japan, 1999, 68, 1496-1499.	0.7	113
97	Atomic-scale electronic structure of the cuprate d-symmetry form factor density wave state. Nature Physics, 2016, 12, 150-156.	6.5	109
98	Momentum-Resolved Ultrafast Electron Dynamics in Superconducting<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">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mm Physical Review Letters, 2011, 107, 097002.	2.9	107
99	A New Layered Iron Arsenide Superconductor: (Ca,Pr)FeAs₂. Journal of the American Chemical Society, 2014, 136, 846-849.	6.6	105
100	Sliding Density Wave in Sr14Cu24O41 Ladder Compounds. Science, 2002, 297, 584-587.	6.0	103
101	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
102	Flux pinning in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>PrFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9</ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NdFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9< Physical Review B, 2010, 81, .	1.1	103
103	Manifestation of Spin-Charge Separation in the Dynamic Dielectric Response of One-DimensionalSr2CuO3. Physical Review Letters, 1998, 81, 657-660.	2.9	101
104	Hole distribution in(Sr,Ca,Y,La)14Cu24O41ladder compounds studied by x-ray absorption spectroscopy. Physical Review B, 2000, 62, 14384-14392.	1.1	101
105	Dispersive charge density wave excitations in Bi2Sr2CaCu2O8+Î´. Nature Physics, 2017, 13, 952-956.	6.5	101
106	Magnetic fieldâ€"induced pair density wave state in the cuprate vortex halo. Science, 2019, 364, 976-980.	6.0	101
107	⁷⁵As NMR Study of Hole-Doped Superconductor Ba_{1-<i>x</i>}K_{<i>x</i>}Fe₂As₂ (<i>T</i>_câ‰ƒ38) Tj ETQq1 1 0.784314	0.7	100
108	Reexamination of the Electronic Structure ofBi2Sr2CaCu2O8+Î´andBi2Sr2Cu1O6+Î´: Electronlike Portions of the Fermi Surface and Depletion of Spectral Weight nearMÂ¯. Physical Review Letters, 1999, 83, 3717-3720.	2.9	99

#	Article	IF	Citations
109	Strong-Coupling Spin-Singlet Superconductivity with Multiple Full Gaps in Hole-Doped Ba_{0.6}K_{0.4}Fe₂As₂Probed by⁵⁷Fe-NMR. Journal of the Physical Society of Japan, 2009, 78, 103702.	0.7	99
110	Magnetic excitations from the singlet ground state in theS=1/2 quasi-one-dimensional systemSr14âˆ’xYxCu24O41. Physical Review B, 1996, 54, 12199-12206.	1.1	98
111	Measurement of an Anisotropic Energy Gap in Single PlaneBi2Sr2âˆ’xLaxCuO6+Î´. Physical Review Letters, 1997, 79, 143-146.	2.9	98
112	Doping Dependence of the Coupling of Electrons to Bosonic Modes in the Single-Layer High-TemperatureBi2Sr2CuO6Superconductor. Physical Review Letters, 2006, 96, 157003.	2.9	98
113	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. Science, 2018, 362, 62-65.	6.0	98
114	Superconductivity above 50 K in LnFeAsO_{1-y} (Ln = Nd, Sm, Gd, Tb, and) Tj ETQq0 0 0 rgBT /Overlock 1	0.7	97
115	Coexistence of periodic modulation of quasiparticle states and superconductivity in Bi2Sr2CaCu2O8+Â. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9705-9709.	3.3	96
116	High-Energy Scale Revival and Giant Kink in the Dispersion of a Cuprate Superconductor. Physical Review Letters, 2007, 98, 147001.	2.9	96
117	Separation of spin and charge excitations in one-dimensionalSrCuO2. Physical Review B, 1997, 56, 15589-15595.	1.1	95
118	Electronic Structure of the Trilayer Cuprate SuperconductorBi2Sr2Ca2Cu3O10+Î´. Physical Review Letters, 2002, 88, 107001.	2.9	95
119	Fermi Surface and Mass Enhancement in KFe₂As₂ from de Haasâ€“van Alphen Effect Measurements. Journal of the Physical Society of Japan, 2010, 79, 053702.	0.7	95
120	Anisotropy of the In-Plane Resistivity of Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â’	2.9	95
121	Appearance of pressure-induced superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:m hydrostatic conditions and its extremely high sensitivity to uniaxial stress. Physical Review B, 2010, 81,	3.1	94
122	Revealing the high-energy electronic excitations underlying the onset of high-temperature superconductivity in cuprates. Nature Communications, 2011, 2, 353.	5.8	93
123	Dual Nature of the Electronic Structure of(La2âˆ’xâˆ’yNdySrx)CuO4andLa1.85Sr0.15CuO4. Physical Review Letters, 2001, 86, 5578-5581.	2.9	92
124	Inverse Iron Isotope Effect on the Transition Temperature of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:mi>Ba</mml:mi><mml:mo>,</mml:mo><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (mat	2.9	92
125	Physical Review Letters, 2009, 103, 257003. Snapshots of the retarded interaction of charge carriers with ultrafast fluctuations in cuprates. Nature Physics, 2015, 11, 421-426.	6.5	92
126	Direct spectroscopic evidence for phase competition between the pseudogap and superconductivity in Bi2Sr2CaCu2O8+Î´. Nature Materials, 2015, 14, 37-42.	13.3	92

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127	Isotopic Fingerprint of Electron-Phonon Coupling in 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>Cuprates. Physical Review Letters, 2008, 101, 157005.	2.9	90
128	Electronic reconstruction through the structural and magnetic transitions in detwinned NaFeAs. New Journal of Physics, 2012, 14, 073019.	1.2	87
129	Direct Observation of the Mass Renormalization inSrVO3by Angle Resolved Photoemission Spectroscopy. Physical Review Letters, 2005, 95, 146404.	2.9	86
130	Incoherent strange metal sharply bounded by a critical doping in Bi2212. Science, 2019, 366, 1099-1102.	6.0	86
131	Field-induced staggered magnetization near impurities in the S= one-dimensional Heisenberg antiferromagnetSr2CuO3. Physical Review B, 1997, 55, 14129-14132.	1.1	84
132	Transport Properties of (La1-xAx)2CuO4. Japanese Journal of Applied Physics, 1987, 26, L440-L442.	0.8	83
133	Complete Fermi Surface in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mn via Shubnikovâ€“de Haas Oscillation Measurements on Detwinned Single Crystals. Physical Review Letters, 2011, 107, 176402.	2.9	83
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180	<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>As<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>studied by s	1.1	53

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