

Hidenori Takagi

List of Publications by Year in descending order

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714
papers

46,233
citations

1457

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726
docs citations

726
times ranked

20661
citing authors

#	ARTICLE	IF	CITATIONS
1	A superconducting copper oxide compound with electrons as the charge carriers. <i>Nature</i> , 1989, 337, 345-347.	13.7	1,727
2	Universal Correlations between T_c and nsm^* (Carrier Density over Effective Mass) in High- T_c Cuprate Superconductors. <i>Physical Review Letters</i> , 1989, 62, 2317-2320.	2.9	1,174
3	Phase-Sensitive Observation of a Spin-Orbital Mott State in $Sr_{2-x}IrO_4$. <i>Science</i> , 2009, 323, 1329-1332.	6.0	1,008
4	Optical spectra of $La_{2-x}Sr_xCuO_4$: Effect of carrier doping on the electronic structure of the CuO_2 plane. <i>Physical Review B</i> , 1991, 43, 7942-7954.	1.1	923
5	Light-Induced Superconductivity in a Stripe-Ordered Cuprate. <i>Science</i> , 2011, 331, 189-191.	6.0	883
6	Superconductivity produced by electron doping in CuO_2 -layered compounds. <i>Physical Review Letters</i> , 1989, 62, 1197-1200.	2.9	879
7	Superconductivity in the quaternary intermetallic compounds $LnNi_2B_2C$. <i>Nature</i> , 1994, 367, 252-253.	13.7	867
8	Superconductor-to-nonsuperconductor transition in $(La_{1-x}Sr_x)_2CuO_4$ as investigated by transport and magnetic measurements. <i>Physical Review B</i> , 1989, 40, 2254-2261.	1.1	727
9	A "checkerboard" electronic crystal state in lightly hole-doped $Ca_{2-x}Na_xCuO_2Cl_2$. <i>Nature</i> , 2004, 430, 1001-1005.	13.7	620
10	Ferromagnetic Order Induced by Photogenerated Carriers in Magnetic III-V Semiconductor Heterostructures of $(In,Mn)As/GaSb$. <i>Physical Review Letters</i> , 1997, 78, 4617-4620.	2.9	600
11	Superconductivity at 23 K in yttrium palladium boride carbide. <i>Nature</i> , 1994, 367, 146-148.	13.7	572
12	An Intrinsic Bond-Centered Electronic Glass with Unidirectional Domains in Underdoped Cuprates. <i>Science</i> , 2007, 315, 1380-1385.	6.0	560
13	Giant negative thermal expansion in Ge-doped anti-perovskite manganese nitrides. <i>Applied Physics Letters</i> , 2005, 87, 261902.	1.5	553
14	Systematic evolution of temperature-dependent resistivity in $La_{2-x}Sr_xCuO_4$. <i>Physical Review Letters</i> , 1992, 69, 2975-2978.	2.9	508
15	Antiferromagnetic order induced by an applied magnetic field in a high-temperature superconductor. <i>Nature</i> , 2002, 415, 299-302.	13.7	478
16	High T_c Superconductivity of La-Ba-Co Oxides. <i>Japanese Journal of Applied Physics</i> , 1987, 26, L1-L2.	0.8	477
17	Concept and realization of Kitaev quantum spin liquids. <i>Nature Reviews Physics</i> , 2019, 1, 264-280.	11.9	464
18	Unconventional d -Wave Superconductivity in $Fe(Se,Te)$. <i>Science</i> , 2010, 328, 474-476.	6.0	463

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19	Spin-Liquid State in the Antiferromagnet Sr_2O_8 . Physical Review Letters, 2007, 99, 137207.	2.9	453
20	Dielectric and magnetic anomalies and spin frustration in hexagonal $R\text{MnO}_3$ ($R=\text{Y}, \text{Yb},$ and Lu). Physical Review B, 2001, 64, .	1.1	419
21	Competition between magnetism and superconductivity in rare-earth nickel boride carbides. Physical Review B, 1994, 50, 647-650.	1.1	415
22	Scaling of the temperature dependent Hall effect in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 1994, 72, 2636-2639.	2.9	369
23	Coupling between magnetism and dielectric properties in quantum paraelectric EuTiO_3 . Physical Review B, 2001, 64, .	1.1	354
24	High-Tc Superconductivity of La-Ba-Cu Oxides. II. -Specification of the Superconducting Phase. Japanese Journal of Applied Physics, 1987, 26, L123-L124.	0.8	350
25	Anomalous Criticality in the Electrical Resistivity of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Science, 2009, 323, 603-607.	6.0	334
26	Fermi Surface Sheet-Dependent Superconductivity in 2H-NbSe_2 . Science, 2001, 294, 2518-2520.	6.0	328
27	Nodal Quasiparticles and Antinodal Charge Ordering in $\text{Ca}_{2-x}\text{Na}_x\text{CuO}_2\text{Cl}_2$. Science, 2005, 307, 901-904.	6.0	320
28	Rice-based mucosal vaccine as a global strategy for cold-chain- and needle-free vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10986-10991.	3.3	317
29	Spins in the Vortices of a High-Temperature Superconductor. Science, 2001, 291, 1759-1762.	6.0	314
30	Hyperhoneycomb Iridate Li_2IrO_4 as a Platform for Kitaev Magnetism. Physical Review Letters, 2015, 114, 077202.	2.9	287
31	An unusual isotope effect in a high-transition-temperature superconductor. Nature, 2004, 430, 187-190.	13.7	277
32	A spin-orbital-entangled quantum liquid on a honeycomb lattice. Nature, 2018, 554, 341-345.	13.7	276
33	Universality of the Mott-Ioffe-Regel limit in metals. Philosophical Magazine, 2004, 84, 2847-2864.	0.7	275
34	Direct observation of spin-polarized bulk bands in an inversion-symmetric semiconductor. Nature Physics, 2014, 10, 835-839.	6.5	271
35	Crystal structure and magnetic properties of hexagonal RMnO_3 ($R=\text{Y}, \text{Lu},$ and Sc) and the effect of doping. Physical Review B, 2002, 66, .	1.1	257
36	An Emergent Change of Phase for Electronics. Science, 2010, 327, 1601-1602.	6.0	253

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37	Cu-O network dependence of optical charge-transfer gaps and spin-pair excitations in single-CuO ₂ -layer compounds. <i>Physical Review B</i> , 1990, 41, 11657-11660.	1.1	252
38	Interplane charge transport in YBa ₂ Cu ₃ O _{7-δ} : Spin-gap effect on in-plane and out-of-plane resistivity. <i>Physical Review B</i> , 1994, 50, 6534-6537.	1.1	248
39	Momentum-resolved Landau-level spectroscopy of Dirac surface state in Bi_2Te_3 . <i>Physical Review B</i> , 2010, 82, .	1.1	243
40	Missing Quasiparticles and the Chemical Potential Puzzle in the Doping Evolution of the Cuprate Superconductors. <i>Physical Review Letters</i> , 2004, 93, 267002.	2.9	242
41	Normal-state conductivity between CuO ₂ planes in copper oxide superconductors. <i>Nature</i> , 1991, 350, 596-598.	13.7	240
42	Spin-1/2 Kagom $\ddot{\text{a}}$ -Like Lattice in Volborthite Cu ₃ V ₂ O ₇ (OH) ₂ ·2H ₂ O. <i>Journal of the Physical Society of Japan</i> , 2001, 70, 3377-3384.	0.7	236
43	Nonpolar resistance switching of metal/binary-transition-metal oxides/metal sandwiches: Homogeneous/inhomogeneous transition of current distribution. <i>Physical Review B</i> , 2008, 77, .	1.1	229
44	Normal state phase diagram of (La,Sr) ₂ CuO ₄ from charge and spin dynamics. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 130-133.	0.6	225
45	Excitonic Insulator State in Ta_2NiSe_5 by Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2009, 103, 026402.	2.9	225
46	Dynamical Aspects of the Photoinduced Phase Transition in Spin-Crossover Complexes. <i>Physical Review Letters</i> , 2000, 84, 3181-3184.	2.9	214
47	Disappearance of superconductivity in overdoped La _{2-x} Sr _x CuO ₄ at a structural phase boundary. <i>Physical Review Letters</i> , 1992, 68, 3777-3780.	2.9	213
48	LiV ₂ O ₄ Spinel as a Heavy-Mass Fermi Liquid: Anomalous Transport and Role of Geometrical Frustration. <i>Physical Review Letters</i> , 2000, 85, 1052-1055.	2.9	212
49	Thermal conductivity across the phase diagram of cuprates: Low-energy quasiparticles and doping dependence of the superconducting gap. <i>Physical Review B</i> , 2003, 67, .	1.1	208
50	From The Cover: A rice-based edible vaccine expressing multiple T cell epitopes induces oral tolerance for inhibition of Th ₂ -mediated IgE responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17525-17530.	3.3	205
51	Direct phase-sensitive identification of a $d_{x^2-y^2}$ -form factor density wave in underdoped cuprates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3026-32.	3.3	198
52	Optical study of the metal-semiconductor transition in BaPb _{1-x} Bi _x O ₃ . <i>Physical Review B</i> , 1985, 32, 6302-6311.	1.1	196
53	Switching of the gapped singlet spin-liquid state to an antiferromagnetically ordered state in Sr(Cu _{1-x} Zn _x) ₂ O ₃ . <i>Physical Review B</i> , 1997, 55, R8658-R8661.	1.1	190
54	Zero-gap semiconductor to excitonic insulator transition in Ta ₂ NiSe ₅ . <i>Nature Communications</i> , 2017, 8, 14408.	5.8	189

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55	Thermally induced insulator-metal transition in LaCoO_3 : A view based on the Mott transition. <i>Physical Review B</i> , 1998, 58, R1699-R1702.	1.1	183
56	Negative thermal expansion in Ge-free antiperovskite manganese nitrides: Tin-doping effect. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	182
57	Magnetic order and electronic phase diagrams of electron-doped copper oxide materials. <i>Physical Review B</i> , 1990, 42, 7981-7988.	1.1	181
58	Charge-order-maximized momentum-dependent superconductivity. <i>Nature Physics</i> , 2007, 3, 720-725.	6.5	181
59	Magnetic-Field Induced Transition to the $1/2$ Magnetization Plateau State in the Geometrically Frustrated Magnet CdCr_2O_4 . <i>Physical Review Letters</i> , 2005, 94, 047202.	2.9	180
60	Electric-field-induced superconductivity at 9.4 K in a layered transition metal disulphide MoS_2 . <i>Applied Physics Letters</i> , 2012, 101, 042603.	1.5	180
61	Universal High Energy Anomaly in the Angle-Resolved Photoemission Spectra of High Temperature Superconductors: Possible Evidence of Spinon and Holon Branches. <i>Physical Review Letters</i> , 2007, 98, 067004.	2.9	177
62	Structural Aspects of the Crystallographic-Magnetic Transition in LaVO_3 around 140 K. <i>Journal of Solid State Chemistry</i> , 1993, 106, 253-270.	1.4	171
63	Local Lattice Distortion in the Giant Negative Thermal Expansion Material $\text{Mn}_3\text{Cu}_2\text{N}$. <i>Physical Review Letters</i> , 2008, 101, 205901.	2.9	169
64	Anomalous absence of pressure effect on transition temperature in the electron-doped superconductor $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. <i>Nature</i> , 1989, 339, 293-294.	13.7	168
65	Texture in the Superconducting Order Parameter of CeCoIn_5 Revealed by Nuclear Magnetic Resonance. <i>Physical Review Letters</i> , 2005, 94, 047602.	2.9	167
66	Gap Function with Point Nodes in Borocarbide Superconductor $\text{YNi}_2\text{B}_2\text{C}$. <i>Physical Review Letters</i> , 2002, 89, 137006.	2.9	164
67	Two-Dimensional Heisenberg Behavior of J_\perp in the Paramagnetic State of the Spin-Orbital Mott Insulator La_2NiO_4 . <i>Physical Review Letters</i> , 2008, 101, 156401.	2.9	156
68	Engineering a Spin-Orbital Magnetic Insulator by Tailoring Superlattices. <i>Physical Review Letters</i> , 2015, 114, 247209.	2.9	156
69	Quasiparticle interference and superconducting gap in $\text{Ca}_{2-x}\text{NaxCuO}_2\text{Cl}_2$. <i>Nature Physics</i> , 2007, 3, 865-871.	6.5	155
70	Zero thermal expansion in a pure-form antiperovskite manganese nitride. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	151
71	Neutron Diffraction Evidence of Microscopic Charge Inhomogeneities in the CuO_2 Plane of Superconducting $\text{La}_{2-x}\text{SrxCuO}_4$ ($0 \leq x \leq 0.30$). <i>Physical Review Letters</i> , 2000, 84, 5856-5859.	2.9	149
72	Fermi-surface reconstruction by stripe order in cuprate superconductors. <i>Nature Communications</i> , 2011, 2, 432.	5.8	149

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73	Dispersive Excitations in the High-Temperature Superconductor $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 2004, 93, 147002.	2.9	148
74	Transport and optical studies of single crystals of the 80-K $\text{Bi}_{1-x}\text{Sr}_x\text{Ca}_x\text{Cu}_x\text{O}$ superconductor. <i>Nature</i> , 1988, 332, 236-238.	13.7	147
75	Resistance Switching and Formation of a Conductive Bridge in Metal/Binary Oxide/Metal Structure for Memory Devices. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 6266.	0.8	146
76	Electronic ground state of heavily overdoped nonsuperconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2003, 68, .	1.1	144
77	Electronic Structure of a Quasi-Freestanding MoS_2 Monolayer. <i>Nano Letters</i> , 2014, 14, 1312-1316.	4.5	144
78	Contrasting Action of IL-12 and IL-18 in the Development of Dextran Sodium Sulphate Colitis in Mice. <i>Scandinavian Journal of Gastroenterology</i> , 2003, 38, 837-844.	0.6	142
79	Statics and Dynamics of Incommensurate Spin Order in a Geometrically Frustrated Antiferromagnet CdCr_2O_4 . <i>Physical Review Letters</i> , 2005, 95, 247204.	2.9	142
80	Rechargeable magnesium-ion battery based on a TiSe_2 -cathode with d-p orbital hybridized electronic structure. <i>Scientific Reports</i> , 2015, 5, 12486.	1.6	142
81	Frustrated Magnetism and Cooperative Phase Transitions in Spinels. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 011004.	0.7	141
82	Electronic states of $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ in the semiconducting phase investigated by optical measurements. <i>Physical Review B</i> , 1987, 35, 696-703.	1.1	140
83	Optical-phonon study of single crystals of various layered cuprates and related materials: Evidence of unique electron-phonon coupling in the CuO_2 plane. <i>Physical Review B</i> , 1991, 43, 10496-10507.	1.1	137
84	Optical study of the metal-insulator transition on $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ thin films. <i>Nature</i> , 1989, 338, 241-243.	13.7	135
85	Magnetoresistance in Metallic Crystals of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Journal of the Physical Society of Japan</i> , 1995, 64, 1885-1888.	0.7	134
86	Excitonic Bose-Einstein condensation in $\text{Ta}_{2-x}\text{NiSe}_5$ above room temperature. <i>Physical Review B</i> , 2014, 90, .	1.1	132
87	$\text{LaCuO}_{2.5+x}$ and $\text{YCuO}_{2.5+x}$ Delafossites: Materials with Triangular $\text{Cu}_2\text{-}\hat{\Gamma}$ Planes. <i>Journal of Solid State Chemistry</i> , 1993, 104, 437-452.	1.4	127
88	Localized-to-itinerant electron transition in $\text{Sr}_2\text{Ir}_{1-x}\text{Ru}_x\text{O}_4$. <i>Physical Review B</i> , 1994, 49, 11890-11894.	1.1	125
89	In-plane and out-of-plane magnetoresistance in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ single crystals. <i>Physical Review B</i> , 1996, 53, 8733-8742.	1.1	123
90	Enhancement of the Nernst effect by stripe order in a high- T_c superconductor. <i>Nature</i> , 2009, 458, 743-745.	13.7	123

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91	Fulde-Ferrell-Larkin-Ovchinnikov State in a Perpendicular Field of Quasi-Two-Dimensional CeCoIn ₅ . Physical Review Letters, 2006, 97, 227002.	2.9	122
92	Superconductivity in lanthanum nickel boro-nitride. Nature, 1994, 372, 245-247.	13.7	121
93	Y ₂ BaNiO ₅ : A nearly ideal realization of the S=1 Heisenberg chain with antiferromagnetic interactions. Physical Review B, 1996, 54, R6827-R6830.	1.1	120
94	Thermodynamic signatures of quantum criticality in cuprate superconductors. Nature, 2019, 567, 218-222.	13.7	120
95	High-energy spin excitations in the insulating phases of high-T _c superconducting cuprates and La ₂ NiO ₄ . Physical Review B, 1990, 42, 1045-1047.	1.1	119
96	Nernst and Seebeck Coefficients of the Cuprate Superconductor $YBa_2Cu_3O_{6.67}$: A Study of Fermi Surface Reconstruction. Physical Review Letters, 2010, 104, 057005.	13.7	118
97	Studies of static magnetic order in electron-superconductors and their parent compounds. Nature, 1989, 338, 49-51.	13.7	115
98	Muon spin relaxation study of the stripe phase order in La _{1.6} Nd _{0.4} Sr _x CuO ₄ and related 214 cuprates. Physical Review B, 1998, 58, 8760-8772.	1.1	115
99	Neutron and electron diffraction study of the electron-doped superconductor Nd _{1.845} Ce _{0.155} CuO _{4-δ} . Physica C: Superconductivity and Its Applications, 1989, 158, 433-439.	0.6	114
100	Spin gap and magnetic coherence in a clean high-temperature superconductor. Nature, 1999, 400, 43-46.	13.7	114
101	Quasiparticle Density of States of Clean and Dirty s-Wave Superconductors in the Vortex State. Journal of the Physical Society of Japan, 1999, 68, 1078-1081.	0.7	114
102	Coherence Factors in a High-T _c Cuprate Probed by Quasi-Particle Scattering Off Vortices. Science, 2009, 323, 923-926.	6.0	113
103	Scanning tunneling microscopy/spectroscopy of vortices in LiFeAs. Physical Review B, 2012, 85, .	1.1	111
104	Charge-stripe ordering from local octahedral tilts: Underdoped and superconducting La _{2-x} Sr _x CuO ₄ (0 < x < 0.30). Physical Review B, 1999, 59, 4445-4454.	1.1	110
105	Charge ordering and superconductivity in the layered perovskite $Mn_3CuGe_xNi_{1-x}$ related to the magnetic structure.	1.1	110
106	New High Temperature Superconducting Oxides. (La _{1-x} Sr _x) ₂ CuO _{4-δ} and (La _{1-x} Ca _x) ₂ CuO _{4-δ} . Chemistry Letters, 1987, 16, 429-432.	0.7	108
107	New double-sheet copper oxide compounds with BiO or TiO bilayers. Nature, 1989, 342, 890-893.	13.7	108
108	Oral immunotherapy against a pollen allergy using a seed-based peptide vaccine. Plant Biotechnology Journal, 2005, 3, 521-533.	4.1	107

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109	Doping dependence of transport properties in $\text{Fe}_{1-x}\text{Co}_x\text{Si}$. <i>Physical Review B</i> , 2005, 72, .	1.1	107
110	Electronic structure studies on then-type doped superconductors R_2MxCuO_4 ($\text{R}=\text{Pr}, \text{Nd}, \text{Sm}; \text{M}=\text{Ce}, \text{Th}$) and Nd_2CuO_4 by electron-energy-loss spectroscopy. <i>Physical Review B</i> , 1991, 43, 333-343.	1.1	106
111	Magnetic Field Dependence of the Low-Temperature Specific Heat of the Borocarbide Superconductor $\text{LuNi}_2\text{B}_2\text{C}$. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 1888-1891.	0.7	106
112	Coherent order parameter oscillations in the ground state of the excitonic insulator TaNiSe_5 . <i>Science Advances</i> , 2018, 4, eaap8652.	4.7	106
113	Visualization of the emergence of the pseudogap state and the evolution to superconductivity in a lightly hole-doped Mott insulator. <i>Nature Physics</i> , 2012, 8, 534-538.	6.5	105
114	Giant thermal Hall conductivity in the pseudogap phase of cuprate superconductors. <i>Nature</i> , 2019, 571, 376-380.	13.7	105
115	5d iridium oxide as a material for spin-current detection. <i>Nature Communications</i> , 2013, 4, 2893.	5.8	104
116	Endosperm tissue is good production platform for artificial recombinant proteins in transgenic rice. <i>Plant Biotechnology Journal</i> , 2007, 5, 84-92.	4.1	103
117	Electron density of states in the borocarbide intermetallic superconductors. <i>Physical Review B</i> , 1994, 50, 4216-4219.	1.1	101
118	Enhancement of Superconductivity and Evidence of Structural Instability in Intercalated Graphite CaC_6 under High Pressure. <i>Physical Review Letters</i> , 2007, 98, 067002.	2.9	101
119	Evidence for dominant Pauli paramagnetic effect in the upper critical field of single-crystalline FeTe . <i>Physical Review B</i> , 2010, 81, .	1.1	101
120	Muon-spin-rotation study of magnetism in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_x$ below 90 mK. <i>Physical Review Letters</i> , 1989, 63, 2136-2139.	2.9	100
121	Superconductivity at 28 K in a cuprate with a niobium oxide intermediary layer. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 191, 237-242.	0.6	97
122	Chiral phonons in the pseudogap phase of cuprates. <i>Nature Physics</i> , 2020, 16, 1108-1111.	6.5	95
123	Inhomogeneous chemical states in resistance-switching devices with a planar-type Pt/CuO/Pt structure. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	94
124	Spinons in the Strongly Correlated Copper Oxide Chains in SrCuO_2 . <i>Physical Review Letters</i> , 2004, 93, 087202.	2.9	91
125	Unconventional spin fluctuations in the hexagonal antiferromagnet YMnO_3 . <i>Physical Review B</i> , 2003, 68, .	1.1	89
126	Voltage polarity dependent low-power and high-speed resistance switching in CoO resistance random access memory with Ta electrode. <i>Applied Physics Letters</i> , 2008, 93, 113504.	1.5	89

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127	Bi-directional ultrafast electric-field gating of interlayer charge transport in a cuprate superconductor. Nature Photonics, 2011, 5, 485-488.	15.6	89
128	Pseudogap temperature T^* of cuprate superconductors from the Nernst effect. Physical Review B, 2018, 97, .	1.1	89
129	Crystal structure, magnetic and transport properties, and electronic band structure of $A_2Mn_2O_7$ pyrochlores ($A=Y, In, Lu, \text{ and } Tl$). Physical Review B, 1999, 59, 1249-1254.	1.1	88
130	Correlation effects in the electronic structure of $SrRuO_3$. Physical Review B, 1999, 60, 2281-2285.	1.1	88
131	Absence of nesting in the charge-density-wave system $T-VS$ seen by photoelectron spectroscopy. Physical Review B, 2010, 82, .	1.1	87
132	Interplane charge dynamics in $La_2^{2+}xSrxCuO_4$. Physical Review Letters, 1994, 72, 3088-3091.	2.9	86
133	Local octahedral tilts in $La_2^{2+}xBaxCuO_4$: Evidence for a new structural length scale. Physical Review Letters, 1994, 72, 2282-2285.	2.9	86
134	Separation of $N_2@C_{60}$ and $N@C_{60}$. Chemistry - A European Journal, 2002, 8, 5079-5083.	1.7	86
135	X-ray absorption and x-ray magnetic dichroism study on $Ca_3</math>$	1.1	86
136	Negative electronic compressibility and tunable spin splitting in WSe_2 . Nature Nanotechnology, 2015, 10, 1043-1047.	15.6	85
137	Superconductivity in an electron band just above the Fermi level: possible route to BCS-BEC superconductivity. Scientific Reports, 2014, 4, 4109.	1.6	85
138	Robustness of the thermal Hall effect close to half-quantization in $\hat{I}\pm$ - $RuCl_3$. Nature Physics, 2022, 18, 401-405.	6.5	85
139	Charge Ordering in the Geometrically Frustrated Spinel AlV_2O_4 . Journal of the Physical Society of Japan, 2001, 70, 1456-1459.	0.7	84
140	Marginal breakdown of the Fermi-liquid state on the border of metallic ferromagnetism. Nature, 2008, 455, 1220-1223.	13.7	84
141	Transport Properties of $(La_{1-x}Ax)_2CuO_4$. Japanese Journal of Applied Physics, 1987, 26, L440-L442.	0.8	83
142	CuK-edge x-ray-absorption near-edge structure and electronic structure of $Nd_2^{2+}xCeCuO_4^{2+}$ and $La_2^{2+}xSrxCuO_4$. Physical Review B, 1990, 41, 131-137.	1.1	83
143	Evolution of a metal to insulator transition in $Ca_2^{2+}xNaxCuO_2Cl_2$ as seen by angle-resolved photoemission. Physical Review B, 2003, 67, .	1.1	83
144	Field-effect transistor on $SrTiO_3$ with sputtered Al_2O_3 gate insulator. Applied Physics Letters, 2003, 83, 1755-1757.	1.5	83

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145	Superconductivity in RPt ₂ B ₂ C. Physical Review B, 1994, 49, 12384-12387.	1.1	82
146	Strong Coupling Superconductivity at 8.4 K in an Antiperovskite Phosphide SrPt_3P . Physical Review Letters, 2012, 108, 237001.	2.9	82
147	Optical excitation of Josephson plasma solitons in a cuprate superconductor. Nature Materials, 2013, 12, 535-541.	13.3	82
148	Giant exciton Fano resonance in quasi-one-dimensional TaTa_2Te_2 . Physical Review B, 2017, 95, .	12.1	82
149	Resonant-photoemission study of Nd _{2-x} Ce _x CuO ₄ . Physical Review B, 1990, 41, 7205-7208.	1.1	79
150	Decrease of upper critical field with underdoping in cuprate superconductors. Nature Physics, 2012, 8, 751-756.	6.5	77
151	Gap observation by tunneling measurement on superconducting Ba _{1-x} K _x BiO ₃ thin film: A finite energy gap in Ba _{1-x} K _x BiO ₃ . Physica C: Superconductivity and Its Applications, 1990, 169, 391-395.	0.6	76
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