Kazuo Kadowaki

List of Publications by Year
in descending order

314	16,461	25034 57	16650 123
papers	citations	h-index	g-index

314	314	314	5162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic evidence for a pseudogap in the normal state of underdoped high-Tc superconductors. Nature, 1996, 382, 51-54.	27.8	1,273
2	Universal relationship of the resistivity and specific heat in heavy-Fermion compounds. Solid State Communications, 1986, 58, 507-509.	1.9	978
3	Destruction of the Fermi surface in underdoped high-Tc superconductors. Nature, 1998, 392, 157-160.	27.8	952
4	Pseudogap Precursor of the Superconducting Gap in Under- and OverdopedBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1998, 80, 149-152.	7.8	938
5	Emission of Coherent THz Radiation from Superconductors. Science, 2007, 318, 1291-1293.	12.6	678
6	Evolution of the pseudogap from Fermi arcs to the nodal liquid. Nature Physics, 2006, 2, 447-451.	16.7	393
7	Complete Fermi surface mapping ofBi2Sr2CaCu2O8+x(001): Coexistence of short range antiferromagnetic correlations and metallicity in the same phase. Physical Review Letters, 1994, 72, 2757-2760.	7.8	367
8	Collective Josephson Plasma Resonance in the Vortex State ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1995, 75, 4512-4515.	7.8	361
9	Renormalization of Spectral Line Shape and Dispersion belowTcinBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2001, 86, 1070-1073.	7.8	325
10	Electronic Spectra and Their Relation to the(Ï€,Ï€)Collective Mode in High-TcSuperconductors. Physical Review Letters, 1999, 83, 3709-3712.	7.8	319
11	Observation of the Low Temperature Pseudogap in the Vortex Cores ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1998, 80, 3606-3609.	7.8	301
12	Angle-resolved photoemission spectroscopy study of the superconducting gap anisotropy inBi2Sr2CaCu2O8+x. Physical Review B, 1996, 54, R9678-R9681.	3.2	266
13	Superconducting Gap Anisotropy and Quasiparticle Interactions: A Doping Dependent Photoemission Study. Physical Review Letters, 1999, 83, 840-843.	7.8	259
14	Momentum Dependence of the Superconducting Gap inBi2Sr2CaCu2O8. Physical Review Letters, 1995, 74, 2784-2787.	7.8	236
15	Evolution of the Fermi Surface with Carrier Concentration inBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1997, 78, 2628-2631.	7.8	235
16	Experimental Evidence for Giant Vortex States in a Mesoscopic Superconducting Disk. Physical Review Letters, 2004, 93, 257002.	7.8	235
17	Superconducting emitters of THz radiation. Nature Photonics, 2013, 7, 702-710.	31.4	228
18	The origin of multiple superconducting gaps in MgB2. Nature, 2003, 423, 65-67.	27.8	227

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19	Electronic Excitations inBi2Sr2CaCu2O8: Fermi Surface, Dispersion, and Absence of Bilayer Splitting. Physical Review Letters, 1996, 76, 1533-1536.	7.8	226
20	Unusual Dispersion and Line Shape of the Superconducting State Spectra ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1997, 79, 3506-3509.	7.8	224
21	Electron microscopy on the Tc = 110 K (midpoint) phase in the system Bi2O3â€“SrOâ€“CaOâ€“CuO. Nature, 1988, 332, 620-623.	27.8	213
22	Quasiparticles in the Superconducting State ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2000, 84, 1788-1791.	7.8	188
23	aâˆ'bPlane Microwave Surface Impedance of a High-Quality Bi2Sr2CaCu2O8Single Crystal. Physical Review Letters, 1996, 77, 735-738.	7.8	183
24	Coherent Quasiparticle Weight and Its Connection to High-TcSuperconductivity from Angle-Resolved Photoemission. Physical Review Letters, 2001, 87, 227001.	7.8	175
25	Momentum Distribution Sum Rule for Angle-Resolved Photoemission. Physical Review Letters, 1995, 74, 4951-4954.	7.8	149
26	Direct observation of tetrahertz electromagnetic waves emitted from intrinsic Josephson junctions in single crystalline Bi2Sr2CaCu2O8+. Physica C: Superconductivity and Its Applications, 2008, 468, 634-639.	1.2	148
27	Evolution of Magnetic and Superconducting Fluctuations with Doping of High-Tc Superconductors. Science, 1997, 278, 1427-1432.	12.6	138
28	Geometrical Resonance Conditions for THz Radiation from the Intrinsic Josephson Junctions in<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, 2010, 105, 037005.	7.8	134
29	Magnetization and Magnetoresistance of MnSi. I. Journal of the Physical Society of Japan, 1982, 51, 2433-2438.	1.6	118
30	Evidence for Pairing above the Transition Temperature of Cuprate Superconductors from the Electronic Dispersion in the Pseudogap Phase. Physical Review Letters, 2008, 101, 137002.	7.8	118
31	Broadly Tunable Subterahertz Emission from Internal Branches of the Current-Voltage Characteristics of 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><m Physical Review Letters, 2012, 108, 107006.	7.8	110
32	Direct observation of particle-hole mixing in the superconducting state by angle-resolved photoemission. Physical Review B, 1996, 53, R14737-R14740.	3.2	109
33	Characteristics of terahertz radiation emitted from the intrinsic Josephson junctions in high-Tc superconductor Bi2Sr2CaCu2O8+Î´. Applied Physics Letters, 2009, 95, .	3.3	108
34	Observation of Band Renormalization Effects in Hole-Doped High-TcSuperconductors. Physical Review Letters, 2003, 91, 157003.	7.8	100
35	Fermi Surface ofBi2Sr2CaCu2O8. Physical Review Letters, 2000, 84, 4449-4452.	7.8	98
36	Evidence for a Dual-Source Mechanism of Terahertz Radiation from Rectangular Mesas of Single Crystalline Bi₂Sr₂CaCu₂O_{8+Î´} Intrinsic Josephson Junctions. Journal of the Physical Society of Japan, 2010, 79, 023703.	1.6	94

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37	Stepwise Behavior of Vortex-Lattice Melting Transition in Tilted Magnetic Fields in Single Crystals ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2001, 86, 886-889.	7.8	89
38	Anomalous Phonon Scattering BelowTcinYNi2B211C. Physical Review Letters, 1996, 77, 4628-4631.	7.8	88
39	Anomalous magnetization behavior of single crystalline Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1992, 195, 127-134.	1.2	84
40	Output from a Josephson stimulated terahertz amplified radiation emitter. Journal of Physics Condensed Matter, 2010, 22, 375701.	1.8	78
41	Small superconducting gap on part of the Fermi surface ofYNi2B2Cfrom the de Haasâ€“van Alphen effect. Physical Review B, 1997, 56, 5120-5123.	3.2	76
42	Nondispersive Fermi Arcs and the Absence of Charge Ordering in the Pseudogap Phase ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2006, 96, 107006.	7.8	75
43	Effect of thermal inhomogeneity for terahertz radiation from intrinsic Josephson junction stacks of Bi2Sr2CaCu2O8+Î´. Applied Physics Letters, 2012, 100, .	3.3	73
44	Single crystal growth of quaternary superconductor YNi2B2C by a floating zone method. Physica C: Superconductivity and Its Applications, 1996, 256, 220-226.	1.2	71
45	Observation of a d-wave nodal liquid in highly underdoped Bi2Sr2CaCu2O8+Î´. Nature Physics, 2010, 6, 99-103.	16.7	71
46	Cu NMR Study in Single Crystal Bi2Sr2CaCu2O8â€“Observation of Gapless Superconductivityâ€“. Journal of the Physical Society of Japan, 1994, 63, 1104-1113.	1.6	67
47	Continuous 30â€‰Î¼W terahertz source by a high-Tc superconductor mesa structure. Applied Physics Letters, 2013, 103, .	3.3	67
48	A high-Tc intrinsic Josephson junction emitter tunable from 0.5 to 2.4 terahertz. Applied Physics Letters, 2015, 107, .	3.3	65
49	Generation of electromagnetic waves from 0.3 to 1.6 terahertz with a high-Tc superconducting Bi2Sr2CaCu2O8+Î´ intrinsic Josephson junction emitter. Applied Physics Letters, 2015, 106, .	3.3	65
50	Scanning SQUID microscopy of vortex clusters in multiband superconductors. Physical Review B, 2010, 81, .	3.2	64
51	Electronic phase diagram of high-temperature copper oxide superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9346-9349.	7.1	64
52	In-phase electrodynamics and terahertz wave emission in extended intrinsic Josephson junctions. Physical Review B, 2009, 79, .	3.2	62
53	Resistive transition in single-crystalline YBa2Cu3O7 for various configurations of current and magnetic field directions. Physica C: Superconductivity and Its Applications, 1989, 161, 313-318.	1.2	60
54	First-Order Decoupling Transition in the Vortex Lattice ofBi2Sr2CaCu2O8from Local Mutual Inductance Measurements. Physical Review Letters, 1995, 75, 4520-4523.	7.8	60

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55	Local SiC photoluminescence evidence of hot spot formation and sub-THz coherent emission from a rectangular<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:m Physical Review B, 2014, 89, .	3.2	60
56	Lorentz-force-independent dissipation in high-temperature superconductors. Superconductor Science and Technology, 1994, 7, 519-540.	3.5	58
57	Peak Effect and Dynamic Melting of Vortex Matter inNbSe2Crystals. Physical Review Letters, 2005, 95, 177005.	7.8	58
58	Modification of vortex behavior through heavy ion lithography. Physica C: Superconductivity and Its Applications, 2002, 382, 137-141.	1.2	56
59	Terahertz imaging system using high-Tc superconducting oscillation devices. Journal of Applied Physics, 2012, 111, .	2.5	56
60	Direct imaging of hot spots in Bi2Sr2CaCu2O8+Î´ mesa terahertz sources. Journal of Applied Physics, 2013, 113, .	2.5	56
61	High Temperature Superconductor Terahertz Emitters: Fundamental Physics and Its Applications. Japanese Journal of Applied Physics, 2012, 51, 010113.	1.5	55
62	Local Electrodynamics in Heavy Ion IrradiatedBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1996, 77, 1155-1158.	7.8	54
63	Tunable terahertz emission from the intrinsic Josephson junctions in acute isosceles triangular Bi_2Sr_2CaCu_2O_8+Î´ mesas. Optics Express, 2013, 21, 2171.	3.4	54
64	Longitudinal Josephson-plasma excitation inBi2Sr2CaCu2O8+Î´:Direct observation of the Nambu-Goldstone mode in a superconductor. Physical Review B, 1997, 56, 5617-5621.	3.2	53
65	ARPES study of the superconducting gap and pseudogap in Bi2Sr2CaCu2O8+x. Journal of Physics and Chemistry of Solids, 1998, 59, 1888-1891.	4.0	53
66	High-power terahertz electromagnetic wave emission from high-T_c superconducting Bi_2Sr_2CaCu_2O_8+Î´ mesa structures. Optics Express, 2011, 19, 3193.	3.4	53
67	Impurity effects on electronâ€“mode coupling in high-temperature superconductors. Nature Physics, 2006, 2, 27-31.	16.7	52
68	Low-temperature specific heat of REBa2Cu3O7 in magnetic fields up to 5 T (RE = Y, Pr, Sm, Eu, Gd, Dy, Ho,) Tj ETQq0 0 0 rgBT /Overlock	1.2	51
69	Electron microscopy on Pb2Sr2Ca0.5Y0.5Cu3O8+Î´. Physica C: Superconductivity and Its Applications, 1989, 158, 155-172.	1.2	51
70	Electron Spin Resonance in the Itinerant-Electron Helical Magnet MnSi. Journal of the Physical Society of Japan, 1977, 42, 1555-1561.	1.6	50
71	De Hass - van Alphen oscillations in the normal and superconducting states of the boro-carbide superconductor YNi2B2C. Solid State Communications, 1995, 96, 459-463.	1.9	50
72	Excitation of Josephson plasma and vortex oscillation modes inBi2Sr2CaCu2O8+Î´in parallel magnetic fields. Physical Review B, 1997, 55, R8685-R8688.	3.2	50

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73	Integrated, Portable, Tunable, and Coherent Terahertz Sources and Sensitive Detectors Based on Layered Superconductors. Proceedings of the IEEE, 2020, 108, 721-734.	21.3	50
74	Electron tunneling into superconducting YB6. Solid State Communications, 1984, 52, 659-661.	1.9	48
75	Mode separation of the Josephson plasma inBi2Sr2CaCu2O8+Î´. Physical Review B, 1998, 57, 3108-3115.	3.2	47
76	High-field magnetization of single-crystalline YBa2Cu3O7. Physica C: Superconductivity and Its Applications, 1990, 169, 81-86.	1.2	46
77	Broadly tunable, high-power terahertz radiation up to 73â€‰K from a stand-alone Bi2Sr2CaCu2O8+Î´ mesa. Applied Physics Letters, 2014, 105, .	3.3	45
78	Terahertz wave emission from intrinsic Josephson junctions in high-T_csuperconductors. Superconductor Science and Technology, 2009, 22, 114009.	3.5	44
79	Spin-triplet vortex state in the topological superconductor CuxBi2Se3. Physical Review B, 2011, 83, .	3.2	44
80	Processing and fabrication of Bi2Sr2CaCu2Ov/Ag tapes and small scale coils. Applied Superconductivity, 1993, 1, 43-51.	0.5	43
81	Anomalous magnetization behavior of single-crystallineCeRu2. Physical Review B, 1996, 54, 462-468.	3.2	43
82	Crystal Structure of Magnetic Superconductor FeSr2YCu2O6+Î´. Journal of the Physical Society of Japan, 2002, 71, 790-796.	1.6	43
83	High Temperature Superconductor Terahertz Emitters: Fundamental Physics and Its Applications. Japanese Journal of Applied Physics, 2012, 51, 010113.	1.5	43
84	Torque Study of Layered Superconducting OxideBi2Sr2CaCu2O8+Î´Single Crystal. Journal of the Physical Society of Japan, 1991, 60, 3226-3229.	1.6	42
85	Linear and Field-Independent Relation between Vortex Core State Energy and Gap inBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2001, 87, 267001.	7.8	42
86	Three-dimensional numerical analysis of terahertz radiation emitted from intrinsic Josephson junctions with hot spots. Physical Review B, 2012, 85, .	3.2	42
87	Interferometer measurements of terahertz waves from Bi₂Sr₂CaCu₂O_{8+d}mesas. Superconductor Science and Technology, 2012, 25, 125004.	3.5	40
88	Weak ferromagnetic ordering in the superconducting state of ErNi211B2C. Journal of Physics and Chemistry of Solids, 1999, 60, 1053-1057.	4.0	39
89	Thermal Management in Large Bi2212 Mesas Used for Terahertz Sources. IEEE Transactions on Applied Superconductivity, 2009, 19, 428-431.	1.7	39
90	Influence of columnar defects on vortex dynamics inBi2Sr2CaCu2O8from out-of-plane and flux transformer transport measurements. Physical Review B, 1996, 53, 14611-14620.	3.2	38

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91	Emission of Terahertz Waves From Stacks of Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2009, 19, 886-890.	1.7	38
92	Angular Dependence of the Radiation Power of a Josephson STAR-emitter. Journal of Superconductivity and Novel Magnetism, 2010, 23, 613-616.	1.8	37
93	Geometrical Full-Wavelength Resonance Mode Generating Terahertz Waves from a Single-Crystalline Bi₂Sr₂CaCu₂O_{8+Î´} Rectangular Mesa. Journal of the Physical Society of Japan, 2011, 80, 094709.	1.6	37
94	Evolution of magnetic and superconducting fluctuations with doping of high-Tc superconductors: An electronic Raman scattering study. Journal of Physics and Chemistry of Solids, 1998, 59, 1932-1936.	4.0	36
95	Quantum terahertz electronics (QTE) using coherent radiation from high temperature superconducting Bi2Sr2CaCu2O8+Î´ intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2013, 491, 2-6.	1.2	36
96	Synthesis of YNi2B2C thin films by magnetron sputtering. Applied Physics Letters, 1994, 65, 1299-1301.	3.3	35
97	Thermal conductivity ofRNi2B2C (R=Y,Ho) single crystals. Physical Review B, 1996, 54, 3062-3065.	3.2	35
98	Interesting magnetic behavior from reduced titanium dioxide nanobelts. Applied Physics Letters, 2008, 92, 232502.	3.3	35
99	Spectral investigation of hot spot and cavity resonance effects on the terahertz radiation from high-T_csuperconducting Bi₂Sr₂CaCu₂O_{8+Î´}mesas. Journal of Physics Condensed Matter, 2014, 26, 172201.	1.8	35
100	Superconducting diamagnetic magnetization of single crystalline Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2249-2250.	1.2	34
101	Emission of terahertz electromagnetic waves from intrinsic Josephson junction arrays embedded in resonance LCR circuits. Physical Review B, 2011, 83, .	3.2	34
102	Superconductivity and antiferromagnetic order in the U(Pt,Pd)3system. Journal of Applied Physics, 1987, 61, 3380-3382.	2.5	32
103	Broadening phenomena of the resistive transition in single-crystalline YBa2Cu3O7 in magnetic fields. Physica C: Superconductivity and Its Applications, 1990, 170, 298-306.	1.2	32
104	Structure and Superconducting Properties of Y-Pd-B-C System. Japanese Journal of Applied Physics, 1994, 33, L590-L593.	1.5	32
105	Cavity mode waves during terahertz radiation from rectangular Bi₂Sr₂CaCu₂O_{8 + Î´}mesas. Journal of Physics Condensed Matter, 2011, 23, 025701.	1.8	32
106	Macroscopic quantum phenomena in high-Tcsuperconducting material. Physical Review B, 1987, 35, 8858-8860.	3.2	31
107	Soft-x-ray absorption spectroscopy of electron-doped (Nd,Sm)2â^'xCexCuO4â^'Î´compounds. Physical Review B, 1990, 42, 1997-2002.	3.2	31
108	Superconducting phase transitions in ErcY1â^'cRh4B4. Solid State Communications, 1979, 32, 185-188.	1.9	30

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109	Synthesis, phase formation and high-Tc superconductivity at 78 K of Pb2Sr2Y1â^'xCaxCu3O8+Î´. Physica C: Superconductivity and Its Applications, 1989, 159, 165-172.	1.2	30
110	Applications using high-Tc superconducting terahertz emitters. Scientific Reports, 2016, 6, 23178.	3.3	30
111	Superconducting and tetragonal-to-orthorhombic transitions in single crystals of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeSe</mml:mi><mml:mrow><mml:mn>1</mml:mn> <mml:math		

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127	Investigations on the phase formations, properties and single crystal growth in the high-Tc superconducting Ca-Sr-Bi-Cu-O system. Physica C: Superconductivity and Its Applications, 1988, 152, 431-437.	1.2	22
128	Double anomaly in the specific heat of superconducting UPt3 and UPt3B0.11. Physica B: Condensed Matter, 1990, 163, 564-566.	2.7	22
129	Study of coherent and continuous terahertz wave emission in equilateral triangular mesas of superconducting Bi2Sr2CaCu2O8+Î´ intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2013, 491, 16-19.	1.2	21
130	Modeling the electromagnetic cavity mode contributions to the THz emission from triangular Bi2Sr2CaCu2O8+Î´ mesas. Physica C: Superconductivity and Its Applications, 2013, 491, 30-34.	1.2	20
131	Improved excitation mode selectivity of high-Tc superconducting terahertz emitters. Journal of Applied Physics, 2018, 124, .	2.5	20
132	Scanning tunneling spectroscopy of Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1998, 298, 105-114.	1.2	19
133	Two different types of pseudogaps in high-Tc superconductors. Journal of Physics and Chemistry of Solids, 2001, 62, 41-45.	4.0	19
134	Homogeneous samples of Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2003, 391, 376-380.	1.2	18
135	Characteristic terahertz absorption spectra of paramylon and paramylon-ester compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118828.	3.9	18
136	Penetration of vortices into micro-superconductors observed with a scanning SQUID microscope. Physica C: Superconductivity and Its Applications, 2004, 412-414, 379-384.	1.2	17
137	Redistribution of Fe ion and superconductivity of FeSr2YCu2O6+y system. Physica C: Superconductivity and Its Applications, 2004, 417, 17-24.	1.2	17
138	Continuous and reversible operation of Bi2212 based THz emitters just below Tc. Physica C: Superconductivity and Its Applications, 2010, 470, S822-S823.	1.2	17
139	Upper critical fields and critical current density of single crystal. Solid State Communications, 2010, 150, 1178-1181.	1.9	17
140	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Se</mml:mi><mml:mprescripts /><mml:none /><mml:mn>77</mml:mn></mml:mmultiscripts></mml:math>nuclear magnetic resonance of topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2016, 93, .	3.2	17
141	Antiferromagnetic Nuclear Resonance and Nuclear Quadrupole Resonance of Cu in Pb2Sr2RECu3O8+Î´(RE=Y, Eu and Gd). Journal of the Physical Society of Japan, 1990, 59, 1549-1552.	1.6	16
142	Observation of an extended magnetic field penetration in amorphous superconducting MoGe films. Physical Review B, 2008, 77, .	3.2	16
143	High-field magnetization of high-Tc REBa2Cu3O7 compounds. Physica C: Superconductivity and Its Applications, 1988, 152, 72-76.	1.2	15
144	Flux creep associated with bulk pinning and edge barriers in BSCCO-2212 single crystals. Superconductor Science and Technology, 1997, 10, 195-202.	3.5	15

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145	Precise magnetization measurements of single crystallineBi2Sr2CaCu2O8+Î´. Physical Review B, 1998, 57, 11674-11683.	3.2	15
146	Scaling of vortex lattice melting transition in single crystals of Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2001, 357-360, 450-453.	1.2	15
147	Hall effect of UPt3. Journal of Physics F: Metal Physics, 1986, 16, L63-L66.	1.6	14
148	Positron annihilation 2D-ACAR measurements in the incommensurately modulated high-Tc superconductor Bi2Sr2CaCu2O8+x. Physica C: Superconductivity and Its Applications, 1991, 176, 113-120.	1.2	14
149	Origin of dissipation in high-Tcsuperconductors. Physical Review B, 1994, 50, 7230-7233.	3.2	14
150	Vortex Imaging in Microscopic Superconductors With a Scanning SQUID Microscope. IEEE Transactions on Applied Superconductivity, 2005, 15, 696-698.	1.7	14
151	Irreversible magnetization and upper critical field of YBa2Cu3O7 single crystals in high magnetic fields. Physica B: Condensed Matter, 1989, 155, 136-139.	2.7	13
152	Sudden disappearance of c-axis dissipation in single-crystalline Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1996, 263, 164-171.	1.2	13
153	THz emission from a triangular mesa structure of Bi-2212 intrinsic Josephson junctions. Journal of Physics: Conference Series, 2012, 400, 022014.	0.4	13
154	Electrical potential distribution in terahertz-emitting rectangular mesa devices of high-T_csuperconducting Bi₂Sr₂CaCu₂O${}_{8+delta }$. Superconductor Science and Technology, 2016, 29, 065022.	3.5	13
155	Terahertz emission from the intrinsic Josephson junctions of high-symmetry thermally-managed Bi₂Sr₂CaCu₂O_{8+Î´}microstrip antennas. IOP Conference Series: Materials Science and Engineering, 2017, 279, 012017.	0.6	13
156	Magnetism and superconductivity in RET2B2C (REî—»Y and Tî—»Ni, Co) systems. Physica B: Condensed Matter, 1995, 206-207, 555-558.	2.7	12
157	Temperature dependence of tunneling spectra in YBa2Cu3O7âˆ’Î´ and Bi2Sr2CaCu2O8+Î´ single crystals. Journal of Electron Spectroscopy and Related Phenomena, 2000, 109, 147-155.	1.7	12
158	Order, disorder and superconductivity in FeSr2YCu2O6+Î´. Physica C: Superconductivity and Its Applications, 2004, 415, 85-93.	1.2	12
159	Molecular vibration and Boson peak analysis of glucose polymers and ester via terahertz spectroscopy. Carbohydrate Polymers, 2020, 232, 115789.	10.2	12
160	The magnetic field dependence of the low temperature specific heat in single crystals of YBa2Cu3O7. Physica C: Superconductivity and Its Applications, 1990, 168, 363-369.	1.2	11
161	Anisotropy of the electronic structure and superconducting gap inBi2Sr2CaCu2O8. Physical Review B, 1995, 51, 3945-3948.	3.2	11
162	The role of angle-resolved photoemission in understanding the high temperature superconductors. Journal of Physics and Chemistry of Solids, 2001, 62, 35-39.	4.0	11

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163	Synthesis and superconducting properties of graphite compounds intercalated with Ca:C6Ca. Physica C: Superconductivity and Its Applications, 2007, 460-462, 152-153.	1.2	11
164	Quantum oscillation of the c-axis resistivity due to entrance of pancake vortices into micro-fabricated Bi2Sr2CaCu2O8+Î´ intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2008, 468, 669-673.	1.2	11
165	Large low-temperature magnetoresistance in SrFe ₂ As ₂ single crystals. Europhysics Letters, 2013, 104, 17002.	2.0	11
166	High temperature characterization of the YBa2Cu3O9âˆ’y phase. Journal of the Less Common Metals, 1987, 136, 169-173.	0.8	10
167	Flux-line lattice dynamics and irreversibility line in single crystalline Bi2Sr2CaCu2O8+ delta. Superconductor Science and Technology, 1991, 4, S88-S90.	3.5	10
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