

Kazuo Kadowaki

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristic terahertz absorption spectra of paramylon and paramylon-ester compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118828.	3.9	18
2	Study of Radiation Characteristics of Intrinsic Josephson Junction Terahertz Emitters with Different Thickness of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ Crystals. Materials, 2021, 14, 1135.	2.9	4
3	Design and characterization of microstrip patch antennas for high-T _c superconducting terahertz emitters. Optics Express, 2021, 29, 16980.	3.4	5
4	Experimental validation of a microstrip antenna model for high-T _c superconducting terahertz emitters. Journal of Applied Physics, 2021, 129, .	2.5	3
5	Millimeter-Wave-to-Terahertz Superconducting Plasmonic Waveguides for Integrated Nanophotonics at Cryogenic Temperatures. Materials, 2021, 14, 4291.	2.9	3
6	Fabrication of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ <i>ab</i> -Plane Josephson Junctions by a Focused Helium Ion Beam. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	4
7	Investigation of wet etching solutions and method for thicker stand alone type of mesa structures of Bi ₂ 12 single crystals. Japanese Journal of Applied Physics, 2021, 60, 126501.	1.5	4
8	Molecular vibration and Boson peak analysis of glucose polymers and ester via terahertz spectroscopy. Carbohydrate Polymers, 2020, 232, 115789.	10.2	12
9	Stacked Intrinsic Josephson Junction Bi ₂ Sr ₂ CaCu ₂ O ₈ Terahertz Sources: Design Issues for Achieving High Power Output Close to T _c . , 2020, , .		0
10	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
11	Liquid helium-free high-T _c superconducting terahertz emission system and its applications. Japanese Journal of Applied Physics, 2020, 59, 105004.	1.5	6
12	Boson Peak Analysis of Glucose Polymers via Terahertz Time-Domain Spectroscopy. , 2020, , .		0
13	Cavity modes in broadly tunable superconducting coherent terahertz sources. Journal of Physics: Conference Series, 2019, 1182, 012011.	0.4	10
14	High-T _c superconducting THz emitters fabricated by wet etching. AIP Advances, 2019, 9, .	1.3	8
15	Attractive interaction between superconducting vortices in tilted magnetic fields. Communications Physics, 2019, 2, .	5.3	9
16	Unusual ²⁰⁹ Bi NMR quadrupole effects in topological insulator Bi ₂ Se ₃ . Journal of Magnetic Resonance, 2019, 302, 34-42.	2.1	7
17	Superconducting and tetragonal-to-orthorhombic transitions in single crystals of $\text{FeSe}_{1-x}\text{Te}_x$		

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19	Improved excitation mode selectivity of high-Tc superconducting terahertz emitters. Journal of Applied Physics, 2018, 124, .	2.5	20
20	Transport and structural properties of $\text{Cu}_{0.25}\text{Bi}_2(\text{Te}_x\text{Se}_{1-x})_3$. Tj ETQ	0.5	0
21	Cavity mode enhancement of terahertz emission from equilateral triangular microstrip antennas of the high-Tc superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Journal of Physics Condensed Matter, 2017, 29, 015601.	1.8	29
22	High-resolution Thermal Micro-imaging Using Europium Chelate Luminescent Coatings. Journal of Visualized Experiments, 2017, , .	0.3	0
23	Thermoreflectance microscopy measurements of the Joule heating characteristics of high-Tc superconducting terahertz emitters. Journal of Applied Physics, 2017, 122, .	2.5	10
24	Terahertz emission from the intrinsic Josephson junctions of high-symmetry thermally-managed $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ microstrip antennas. IOP Conference Series: Materials Science and Engineering, 2017, 279, 012017.	0.6	13
25	Electrical potential distribution in terahertz-emitting rectangular mesa devices of high-Tc superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Superconductor Science and Technology, 2016, 29, 065022.	3.5	13
26	^{77}Se nuclear magnetic resonance of topological insulator $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review B, 2016, 93, .	3.2	17
27	Cavity mode identification for coherent terahertz emission from high-Tc superconductors. Optics Express, 2016, 24, 4591.	3.4	24
28	Applications using high-Tc superconducting terahertz emitters. Scientific Reports, 2016, 6, 23178.	3.3	30
29	Isovalent Substitution Effect of P to as on Magnetic Characteristics of $\text{EuFe}_2(\text{As}_{1-x}\text{Px})_2$ Single Crystals. Physics Procedia, 2015, 75, 192-199.	1.2	0
30	A high-Tc intrinsic Josephson junction emitter tunable from 0.5 to 2.4 terahertz. Applied Physics Letters, 2015, 107, .	3.3	65
31	Effect of Bias Electrode Position on Terahertz Radiation From Pentagonal Mesas of Superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 505-511.	3.1	26
32	Generation of electromagnetic waves from 0.3 to 1.6 terahertz with a high-Tc superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ intrinsic Josephson junction emitter. Applied Physics Letters, 2015, 106, .	3.3	65
33	Broadly tunable, high-power terahertz radiation up to 73 K from a stand-alone $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ mesa. Applied Physics Letters, 2014, 105, .	3.3	45
34	Local SiC photoluminescence evidence of hot spot formation and sub-THz coherent emission from a rectangular $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review B, 2014, 89, .	3.2	60
35	Josephson effect in $\text{Al}/\text{Bi}_2\text{Se}_3/\text{Al}$ coplanar hybrid devices. Physica C: Superconductivity and Its Applications, 2014, 503, 162-165.	1.2	7
36	Terahertz Oscillating Devices Based Upon the Intrinsic Josephson Junctions in a High Temperature Superconductor. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 131-146.	2.2	26

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37	Spectral investigation of hot spot and cavity resonance effects on the terahertz radiation from high- T_c superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ mesas. Journal of Physics Condensed Matter, 2014, 26, 172201.	1.8	35
38	Doping dependence of the upper critical field, superconducting current density and thermally activated flux flow activation energy in polycrystalline $\text{CeFeAsO}_{1-x}\text{F}_x$ superconductors. Physica C: Superconductivity and Its Applications, 2014, 507, 35-40.	1.2	8
39	Magneto-resistance study of AFeAs_2 (A = Sr, Ba) iron-based compounds. International Journal of Nanotechnology, 2014, 11, 403.	0.2	1
40	Quantum terahertz electronics (QTE) using coherent radiation from high temperature superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2013, 491, 2-6.	1.2	36
41	Study of coherent and continuous terahertz wave emission in equilateral triangular mesas of superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2013, 491, 16-19.	1.2	21
42	Modeling the electromagnetic cavity mode contributions to the THz emission from triangular $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ mesas. Physica C: Superconductivity and Its Applications, 2013, 491, 30-34.	1.2	20
43	Superconducting emitters of THz radiation. Nature Photonics, 2013, 7, 702-710.	31.4	228
44	Effects of magnetic fields on the coherent THz emission from mesas of single crystal $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physica C: Superconductivity and Its Applications, 2013, 494, 117-120.	1.2	9
45	Crossover from crossing to tilted vortex phase in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ single crystals near ab-plane. Physica C: Superconductivity and Its Applications, 2013, 484, 77-80.	1.2	0
46	An analysis of three dimensional radiation patterns from intrinsic Josephson junctions with hot spot. Physica C: Superconductivity and Its Applications, 2013, 491, 35-39.	1.2	2
47	Tunable terahertz emission from the intrinsic Josephson junctions in acute isosceles triangular $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ mesas. Optics Express, 2013, 21, 2171.	3.4	54
48	Large low-temperature magnetoresistance in SrFe_2As_2 single crystals. Europhysics Letters, 2013, 104, 17002.	2.0	11
49	Direct imaging of hot spots in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ mesa terahertz sources. Journal of Applied Physics, 2013, 113, .	2.5	56
50	Continuous 30 μW terahertz source by a high- T_c superconductor mesa structure. Applied Physics Letters, 2013, 103, .	3.3	67
51	THz LASER using high- T_c superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Mesa Structures. , 2012, , .		0
52	Interferometer measurements of terahertz waves from $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ mesas. Superconductor Science and Technology, 2012, 25, 125004.	3.5	40
53	Three-dimensional numerical analysis of terahertz radiation emitted from intrinsic Josephson junctions with hot spots. Physical Review B, 2012, 85, .	3.2	42
54	Broadly Tunable Subterahertz Emission from Internal Branches of the Current-Voltage Characteristics of Superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Intrinsic Josephson Junctions. Physical Review Letters, 2012, 108, 107006.	3.4	110

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55	Numerical Study of Radiation Pattern from Intrinsic Josephson Junctions Attached to Finite Size Substrates. Journal of Physics: Conference Series, 2012, 400, 022002.	0.4	2
56	High Temperature Superconductor Terahertz Emitters: Fundamental Physics and Its Applications. Japanese Journal of Applied Physics, 2012, 51, 010113.	1.5	55
57	Terahertz Radiation Emitted from Intrinsic Josephson Junctions in High-Tc Superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . IEICE Transactions on Electronics, 2012, E95-C, 347-354.	0.6	23
58	Pairing Symmetry and Magnetic Relaxation in Topological Superconductor Cu _x Bi ₂ Se ₃ . Journal of Physics: Conference Series, 2012, 400, 022013.	0.4	0
59	THz emission from a triangular mesa structure of Bi-2212 intrinsic Josephson junctions. Journal of Physics: Conference Series, 2012, 400, 022014.	0.4	13
60	Terahertz imaging system using high-T _c superconducting oscillation devices. Journal of Applied Physics, 2012, 111, .	2.5	56
61	Effect of thermal inhomogeneity for terahertz radiation from intrinsic Josephson junction stacks of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Applied Physics Letters, 2012, 100, .	3.3	73
62	Proposal of terahertz patch antenna fed by intrinsic Josephson junctions. Applied Physics Letters, 2012, 101, 112602.	3.3	25
63	High Temperature Superconductor Terahertz Emitters: Fundamental Physics and Its Applications. Japanese Journal of Applied Physics, 2012, 51, 010113.	1.5	43
64	Surface superconductivity on SrFe ₂ As ₂ single crystals induced by ion implantation. Europhysics Letters, 2011, 94, 37009.	2.0	7
65	Emission of terahertz electromagnetic waves from intrinsic Josephson junction arrays embedded in resonance LCR circuits. Physical Review B, 2011, 83, .	3.2	34
66	High-power terahertz electromagnetic wave emission from high-T _c superconducting Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ mesa structures. Optics Express, 2011, 19, 3193.	3.4	53
67	Geometry dependent resistivity behavior in mesoscopic Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ single crystals. Physica C: Superconductivity and Its Applications, 2011, 471, 787-789.	1.2	1
68	Spin-triplet vortex state in the topological superconductor CuxBi ₂ Se ₃ . Physical Review B, 2011, 83, .	3.2	44
69	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
70	Cavity mode waves during terahertz radiation from rectangular Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ mesas. Journal of Physics Condensed Matter, 2011, 23, 025701.	1.8	32
71	Geometrical Full-Wavelength Resonance Mode Generating Terahertz Waves from a Single-Crystalline Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ Rectangular Mesa. Journal of the Physical Society of Japan, 2011, 80, 094709.	1.6	37
72	Angular Dependence of the Radiation Power of a Josephson STAR-emitter. Journal of Superconductivity and Novel Magnetism, 2010, 23, 613-616.	1.8	37

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73	Terahertz radiation generated from cylindrical mesas of Bi2212. Physica C: Superconductivity and Its Applications, 2010, 470, S779-S781.	1.2	10
74	Properties of Ca-doped Bi ₂ Sr ₂ CaCuO _{6+x} . Physica C: Superconductivity and Its Applications, 2010, 470, S193-S194.	1.2	5
75	Inhomogeneity of initial flux penetration in MgB ₂ single crystals. Physica C: Superconductivity and Its Applications, 2010, 470, S932-S934.	1.2	4
76	Vortex phases in magnetic fields near ab-plane in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} single crystal. Physica C: Superconductivity and Its Applications, 2010, 470, S790-S792.	1.2	0
77	Crossing vortex lattice and lock-in vortex state in mesoscopic Bi ₂ Sr ₂ CaCu ₂ O _{8+x} crystal. Physica C: Superconductivity and Its Applications, 2010, 470, S793-S794.	1.2	0
78	Continuous and reversible operation of Bi2212 based THz emitters just below T _c . Physica C: Superconductivity and Its Applications, 2010, 470, S822-S823.	1.2	17
79	Magnetic field effects on THz radiation from rectangular shape Bi2212 Josephson junctions. Physica C: Superconductivity and Its Applications, 2010, 470, S804-S805.	1.2	9
80	Synchronized operation of two serially connected Bi2212 THz emitters. Physica C: Superconductivity and Its Applications, 2010, 470, S786-S787.	1.2	28
81	Upper critical fields and critical current density of single crystal. Solid State Communications, 2010, 150, 1178-1181.	1.9	17
82	Observation of a d-wave nodal liquid in highly underdoped Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Nature Physics, 2010, 6, 99-103.	16.7	71
83	Scanning SQUID microscopy of vortex clusters in multiband superconductors. Physical Review B, 2010, 81, .	3.2	64
84	Geometrical Resonance Conditions for THz Radiation from the Intrinsic Josephson Junctions in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Physical Review Letters, 2010, 105, 037005.	1.34	134
85	Evidence for a Dual-Source Mechanism of Terahertz Radiation from Rectangular Mesas of Single Crystalline Bi ₂ Sr ₂ CaCu ₂ O _{8+x} Intrinsic Josephson Junctions. Journal of the Physical Society of Japan, 2010, 79, 023703.	1.6	94
86	Output from a Josephson stimulated terahertz amplified radiation emitter. Journal of Physics Condensed Matter, 2010, 22, 375701.	1.8	78
87	Characteristics of terahertz radiation emitted from the intrinsic Josephson junctions in high-T _c superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Applied Physics Letters, 2009, 95, .	3.3	108
88	Thermal Management in Large Bi2212 Mesas Used for Terahertz Sources. IEEE Transactions on Applied Superconductivity, 2009, 19, 428-431.	1.7	39
89	In-phase electrodynamics and terahertz wave emission in extended intrinsic Josephson junctions. Physical Review B, 2009, 79, .	3.2	62
90	Emission of Terahertz Waves From Stacks of Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2009, 19, 886-890.	1.7	38

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91	The radio-frequency impedance of individual intrinsic Josephson junctions. Applied Physics Letters, 2009, 95, .	3.3	2
92	Terahertz wave emission from intrinsic Josephson junctions in high- T_c superconductors. Superconductor Science and Technology, 2009, 22, 114009.	3.5	44
93	Vortex states in mesoscopic single crystals $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ in high magnetic fields. Physica C: Superconductivity and Its Applications, 2009, 469, 1119-1121.	1.2	4
94	Small-number arrays of intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2008, 468, 674-678.	1.2	7
95	Quantum oscillation of the c-axis resistivity due to entrance of pancake vortices into micro-fabricated $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2008, 468, 669-673.	1.2	11
96	Direct observation of terahertz electromagnetic waves emitted from intrinsic Josephson junctions in single crystalline $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physica C: Superconductivity and Its Applications, 2008, 468, 634-639.	1.2	148
97	Tailoring the magnetization behavior of Co-doped titanium dioxide nanobelts. Solid State Communications, 2008, 148, 345-349.	1.9	25
98	Observation of an extended magnetic field penetration in amorphous superconducting MoGe films. Physical Review B, 2008, 77, .	3.2	16
99	Interesting magnetic behavior from reduced titanium dioxide nanobelts. Applied Physics Letters, 2008, 92, 232502.	3.3	35
100	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
101	Magnetic and Transport Studies on Electron-Doped $\text{CeFeAsO}_{1-x}\text{F}_x$ Superconductor. Journal of the Physical Society of Japan, 2008, 77, 27-31.	1.6	10
102	Universality of Low-Energy Mass Renormalization in the Superconducting State of Hole-Doped High-Tc Superconductors. Journal of the Physical Society of Japan, 2007, 76, 103707.	1.6	4
103	Emission of Coherent THz Radiation from Superconductors. Science, 2007, 318, 1291-1293.	12.6	678
104	Single crystal growth of $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ and physical properties. Physica C: Superconductivity and Its Applications, 2007, 460-462, 60-61.	1.2	1
105	Synthesis and superconducting properties of graphite compounds intercalated with $\text{Ca}:\text{C}_6\text{Ca}$. Physica C: Superconductivity and Its Applications, 2007, 460-462, 152-153.	1.2	11
106	Normal-state magnetic susceptibilities in $\text{Bi}_2\text{Sr}_2\text{Ca}(\text{Cu}_{1-x}\text{Ni}_x)_2\text{O}_{8+\delta}$ single crystals. Physica C: Superconductivity and Its Applications, 2007, 460-462, 799-800.	1.2	10
107	Nondispersive Fermi Arcs and the Absence of Charge Ordering in the Pseudogap Phase of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review Letters, 2006, 96, 107006.	7.8	75
108	Experimental Distinction Between Giant Vortex and Multivortex States in Mesoscopic Superconductors. AIP Conference Proceedings, 2006, , .	0.4	0

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109	Impurity effects on electron-phonon mode coupling in high-temperature superconductors. <i>Nature Physics</i> , 2006, 2, 27-31.	16.7	52
110	Evolution of the pseudogap from Fermi arcs to the nodal liquid. <i>Nature Physics</i> , 2006, 2, 447-451.	16.7	393
111	Experimental study on giant vortex and multivortex states in mesoscopic superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 437-438, 122-126.	1.2	1
112	Size dependence of the vortex states in mesoscopic superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 445-448, 253-256.	1.2	2
113	Many-body interactions in Bi-based high-T _c cuprates studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 628-631.	4.0	0
114	Structure phase transition in FeSr ₂ YCu ₂ O _{6+δ} . <i>Physica B: Condensed Matter</i> , 2006, 385-386, 561-563.	2.7	4
115	Electronic structure of impurity-substituted Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 271-273.	4.0	1
116	Real-Time Imaging of Vortex-Antivortex Annihilation in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} Single Crystals by Low Temperature Scanning Hall Probe Microscopy. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 2246-2250.	1.5	3
117	Melting of the vortex-solid in irradiated Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} single crystals in tilted magnetic fields. <i>New Journal of Physics</i> , 2006, 8, 226-226.	2.9	7
118	COALESCENCE AND REARRANGEMENT OF VORTICES IN MESOSCOPIC SUPERCONDUCTORS. , 2006, , .		0
119	Vortex states in high-T _c superconductors and superconductivity in modern nano-science and engineering. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 589-603.	6.1	10
120	Peak Effect and Dynamic Melting of Vortex Matter in NbSe ₂ Crystals. <i>Physical Review Letters</i> , 2005, 95, 177005.	7.8	58
121	Vortex Imaging in Microscopic Superconductors With a Scanning SQUID Microscope. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 696-698.	1.7	14
122	Experimental Evidence for Giant Vortex States in a Mesoscopic Superconducting Disk. <i>Physical Review Letters</i> , 2004, 93, 257002.	7.8	235
123	High-resolution angle-resolved photoemission study of impurity-substituted Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . <i>Physica B: Condensed Matter</i> , 2004, 351, 280-282.	2.7	2
124	Penetration of vortices into micro-superconductors observed with a scanning SQUID microscope. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 379-384.	1.2	17
125	Order, disorder and superconductivity in FeSr ₂ YCu ₂ O _{6+δ} . <i>Physica C: Superconductivity and Its Applications</i> , 2004, 415, 85-93.	1.2	12
126	Redistribution of Fe ion and superconductivity of FeSr ₂ YCu ₂ O _{6+y} system. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 417, 17-24.	1.2	17

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127	Flux quantization in a superconducting microdisk. Physica C: Superconductivity and Its Applications, 2003, 388-389, 719-720.	1.2	10
128	Lanthanoid substitution in Sr ₂ YCu ₂ FeO ₆ + δ system. Physica C: Superconductivity and Its Applications, 2003, 388-389, 375-376.	1.2	3
129	Vortex phases in single crystals of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ near ab-plane studied by c-axis and in-plane resistivity measurements. Physica C: Superconductivity and Its Applications, 2003, 388-389, 757-758.	1.2	2
130	Elastic tensor of YNi ₂ B ₂ C. Physica C: Superconductivity and Its Applications, 2003, 397, 1-6.	1.2	9
131	The origin of multiple superconducting gaps in MgB ₂ . Nature, 2003, 423, 65-67.	27.8	227
132	Phase diagram in highly anisotropic layered superconductors: crossing lattice melting transitions. Physica C: Superconductivity and Its Applications, 2003, 388-389, 721-722.	1.2	3
133	Suppression of surface barriers in single crystals of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ by in-plane magnetic fields. Physica C: Superconductivity and Its Applications, 2003, 388-389, 759-760.	1.2	0
134	Homogeneous samples of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physica C: Superconductivity and Its Applications, 2003, 391, 376-380.	1.2	18
135	Atomic ordering in FeSr ₂ LnCu ₂ O ₆ + δ system (Ln=Nd, Y and Er). Physica C: Superconductivity and Its Applications, 2003, 400, 43-52.	1.2	25
136	Observation of Band Renormalization Effects in Hole-Doped High-T _c Superconductors. Physical Review Letters, 2003, 91, 157003.	7.8	100
137	Low Energy Excitation in Bi ₂ Sr ₂ Can-1CunO _{2n+4} (n = 1-3) Studied by High-Resolution Arpes. International Journal of Modern Physics B, 2003, 17, 3554-3558.	2.0	1
138	High-Field Magnetization Measurements and Crystalline Electric-Field Effect in HoNi ₂ B ₂ C. Journal of the Physical Society of Japan, 2003, 72, 2599-2603.	1.6	7
139	Neutron Powder Diffraction Study on Mg ₁₁ B ₂ Synthesized by Different Procedures. Journal of the Physical Society of Japan, 2002, 71, 2471-2476.	1.6	9
140	Crystal Structure of Magnetic Superconductor FeSr ₂ YCu ₂ O ₆ + δ . Journal of the Physical Society of Japan, 2002, 71, 790-796.	1.6	43
141	The effect of pressure on the superconductivity and magnetism of RuSr ₂ GdCu ₂ O ₈ . Journal of Physics Condensed Matter, 2002, 14, 10747-10751.	1.8	2
142	Effect of pressure on the superconductivity of RuSm _{1.4} Ce _{0.6} Sr ₂ Cu ₂ O ₁₀ . Physica B: Condensed Matter, 2002, 312-313, 88-90.	2.7	4
143	Modification of vortex behavior through heavy ion lithography. Physica C: Superconductivity and Its Applications, 2002, 382, 137-141.	1.2	56
144	Influence of force-free current on vortex lattice melting transition. Physica C: Superconductivity and Its Applications, 2002, 378-381, 495-498.	1.2	2

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145	Elasticity of combined pancake and Josephson vortex lattice. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 378-381, 580-583.	1.2	3
146	High-resolution photoemission study of FeSr ₂ YCu ₂ O ₇ + δ . <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 2329-2332.	4.0	0
147	Superconducting coherent quasiparticle weight in high-T _c superconductor from angle-resolved photoemission. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 2135-2139.	4.0	0
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