

# C J Lobb

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Entangled Macroscopic Quantum States in Two Superconducting Qubits. <i>Science</i> , 2003, 300, 1548-1550.	12.6	401
2	Superflow in a Toroidal Bose-Einstein Condensate: An Atom Circuit with a Tunable Weak Link. <i>Physical Review Letters</i> , 2011, 106, 130401.	7.8	400
3	Theoretical interpretation of resistive transition data from arrays of superconducting weak links. <i>Physical Review B</i> , 1983, 27, 150-157.	3.2	352
4	Critical fluctuations in high-T <sub>c</sub> superconductors. <i>Physical Review B</i> , 1987, 36, 3930-3932.	3.2	302
5	Driving Phase Slips in a Superfluid Atom Circuit with a Rotating Weak Link. <i>Physical Review Letters</i> , 2013, 110, 025302.	7.8	250
6	Highly efficient algorithm for percolative transport studies in two dimensions. <i>Physical Review B</i> , 1988, 37, 302-307.	3.2	217
7	Stimulated Emission and Amplification in Josephson Junction Arrays. <i>Physical Review Letters</i> , 1999, 82, 1963-1966.	7.8	214
8	Anomalous Hall effect in superconductors near their critical temperatures. <i>Physical Review B</i> , 1990, 41, 11630-11633.	3.2	198
9	Anomalous flux-flow Hall effect: $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ and evidence for vortex dynamics. <i>Physical Review B</i> , 1993, 47, 1064-1068.	3.2	195
10	Fractional giant Shapiro steps and spatially correlated phase motion in 2D Josephson arrays. <i>Physical Review Letters</i> , 1990, 64, 693-696.	7.8	191
11	Percolative conduction in three dimensions. <i>Physical Review B</i> , 1990, 42, 8220-8224.	3.2	188
12	Insulator-Metal Crossover near Optimal Doping in $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ : Anomalous Normal-State Low Temperature Resistivity. <i>Physical Review Letters</i> , 1998, 81, 4720-4723.	7.8	173
13	Percolative conduction and the Alexander-Orbach conjecture in two dimensions. <i>Physical Review B</i> , 1984, 30, 4090-4092.	3.2	172
14	Quantum Logic Gates for Coupled Superconducting Phase Qubits. <i>Physical Review Letters</i> , 2003, 91, 167005.	7.8	163
15	Anomalous Transport Properties in Superconducting $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ . <i>Physical Review Letters</i> , 1994, 73, 1291-1294.	7.8	162
16	Spin-polarized quasiparticle injection devices using $\text{Au}/\text{YBa}_2\text{Cu}_3\text{O}_7/\text{LaAlO}_3/\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ heterostructures. <i>Applied Physics Letters</i> , 1997, 71, 1718-1720.	3.3	161
17	Percolation on two-dimensional elastic networks with rotationally invariant bond-bending forces. <i>Physical Review B</i> , 1984, 30, 5386-5389.	3.2	157
18	Flux-flow Hall effect in superconducting $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ films. <i>Physical Review B</i> , 1991, 43, 6246-6248.	3.2	131

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19	Resistive transition in two-dimensional arrays of superconducting weak links. <i>Physical Review B</i> , 1982, 26, 5268-5271.	3.2	129
20	Vortex pinning in Josephson-junction arrays. <i>Physical Review B</i> , 1990, 42, 2041-2050.	3.2	126
21	Percolation in two-dimensional conductor-insulator networks with controllable anisotropy. <i>Physical Review B</i> , 1979, 20, 3653-3658.	3.2	111
22	Resistive Flow in a Weakly Interacting Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2014, 113, 045305.	7.8	99
23	Periodic flux dependence of the resistive transition in two-dimensional superconducting arrays. <i>Physical Review B</i> , 1983, 28, 6578-6581.	3.2	87
24	Flux-flow Nernst effect in epitaxial YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physical Review B</i> , 1990, 42, 6777-6780.	3.2	87
25	Positional disorder in Josephson-junction arrays: Experiments and simulations. <i>Physical Review B</i> , 1988, 37, 5966-5969.	3.2	82
26	Thermomagnetic transport properties of Nd <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4</sub> films: Evidence for two types of charge carriers. <i>Physical Review B</i> , 1997, 56, 14149-14156.	3.2	76
27	Absence of a Kosterlitz-Thouless transition in ultrathin YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films. <i>Physical Review B</i> , 1996, 54, R9674-R9677.	3.2	75
28	Dynamical simulations of fractional giant Shapiro steps in two-dimensional Josephson arrays. <i>Physical Review B</i> , 1990, 41, 7267-7269.	3.2	74
29	Charging effects and quantum properties of small superconducting tunnel junctions. <i>Physical Review B</i> , 1989, 39, 6465-6484.	3.2	72
30	Complex dynamics of resistively and inductively shunted Josephson junctions. <i>Journal of Applied Physics</i> , 1998, 84, 1126-1132.	2.5	71
31	Charging energy and phase delocalization in single very small Josephson tunnel junctions. <i>Physical Review Letters</i> , 1987, 59, 489-492.	7.8	68
32	Effect of inductance in externally shunted Josephson tunnel junctions. <i>Journal of Applied Physics</i> , 1995, 77, 382-389.	2.5	67
33	A large-cell renormalisation group calculation of the percolation conduction critical exponent. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, L827-L830.	1.5	63
34	Complex dynamical behavior in RCL-shunted Josephson tunnel junctions. <i>Physical Review E</i> , 1996, 53, 405-413.	2.1	62
35	Do Superconductors Have Zero Resistance in a Magnetic Field?. <i>Physical Review Letters</i> , 2001, 87, 067007.	7.8	62
36	Percolative conduction in anisotropic media: A renormalization-group approach. <i>Physical Review B</i> , 1981, 23, 2262-2268.	3.2	61

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37	Subharmonic Shapiro steps in Josephson-junction arrays. <i>Physical Review B</i> , 1991, 44, 921-924.	3.2	59
38	Threshold for creating excitations in a stirred superfluid ring. <i>Physical Review A</i> , 2013, 88, .	2.5	59
39	Simulations and interpretation of fractional giant Shapiro steps in two-dimensional Josephson-junction arrays. <i>Physical Review B</i> , 1991, 44, 4601-4609.	3.2	57
40	Measurement of nonuniversal critical behavior in a two-dimensional continuum percolating system. <i>Physical Review B</i> , 1987, 35, 1899-1901.	3.2	54
41	Friction and inertia of a vortex in an underdamped Josephson array. <i>Physical Review B</i> , 1993, 47, 348-358.	3.2	53
42	Reentrant ac Magnetic Susceptibility in Josephson-Junction Arrays. <i>Physical Review Letters</i> , 1997, 78, 4625-4628.	7.8	53
43	Synchronized oscillations in Josephson junction arrays: The role of distributed coupling. <i>Physical Review B</i> , 1999, 60, 7575-7578.	3.2	53
44	Spectroscopy of Three-Particle Entanglement in a Macroscopic Superconducting Circuit. <i>Physical Review Letters</i> , 2005, 94, 027003.	7.8	50
45	Spectroscopy of capacitively coupled Josephson-junction qubits. <i>Physical Review B</i> , 2003, 67, .	3.2	48
46	Nonuniversal breakdown behavior in superconducting and dielectric composites. <i>Physical Review B</i> , 1987, 36, 1956-1961.	3.2	47
47	Critical currents in frustrated two-dimensional Josephson arrays. <i>Physical Review B</i> , 1990, 42, 6165-6171.	3.2	47
48	Electric field effects on vortex dynamics in ultrathin $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. <i>Physical Review Letters</i> , 1992, 69, 2709-2712.	7.8	47
49	Decoherence in a Josephson-junction qubit. <i>Physical Review B</i> , 2003, 68, .	3.2	46
50	Positional disorder in superconducting wire networks and Josephson junction arrays. <i>Physical Review B</i> , 1988, 38, 2869-2872.	3.2	44
51	Contact resistance and phase slips in mesoscopic superfluid-atom transport. <i>Physical Review A</i> , 2016, 93, .	2.5	44
52	Anomalous saturation of the phase coherence length in underdoped $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ thin films. <i>Physical Review B</i> , 2000, 62, R11993-R11996.	3.2	43
53	Electron inelastic lifetime and electron-electron attraction strength in Al films. <i>Physical Review B</i> , 1983, 28, 4046-4049.	3.2	42
54	Divergent phase-breaking rate in aluminum films from magnetoconductance measurements. <i>Physical Review B</i> , 1984, 29, 5232-5235.	3.2	40

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55	Crossover from Josephson Tunneling to the Coulomb Blockade in Small Tunnel Junctions. Physical Review Letters, 1988, 60, 2414-2417.	7.8	39
56	Analogs of Basic Electronic Circuit Elements in a Free-Space Atom Chip. Scientific Reports, 2013, 3, 1034.	3.3	39
57	Monte Carlo simulations of Josephson-junction arrays with positional disorder. Physical Review B, 1990, 41, 8749-8756.	3.2	38
58	Phase coherence and disorder in Josephson-junction arrays. Applied Physics Letters, 1992, 60, 766-768.	3.3	36
59	Reentrant ac magnetic susceptibility in Josephson-junction arrays: An alternative explanation for the paramagnetic Meissner effect. Physical Review B, 1999, 60, 7489-7495.	3.2	36
60	Anisotropy, pinning, and the mixed-state Hall effect. Physical Review B, 1995, 52, R7046-R7049.	3.2	34
61	Nonuniversal critical behavior in the critical current of superconducting composites. Physical Review B, 1988, 37, 9292-9297.	3.2	33
62	Sign reversal of the Hall resistivity in amorphous Mo <sub>3</sub> Si. Physical Review B, 1994, 49, 12927-12930.	3.2	32
63	Paramagnetic Meissner effect in multiply-connected superconductors. Physical Review B, 2000, 62, 14380-14383.	3.2	32
64	Temperature dependence of low-frequency noise in Al <sup>2</sup> /Al <sub>2</sub> O <sub>3</sub> /Al single-electron transistors. Journal of Applied Physics, 2000, 88, 6536-6540.	2.5	30
65	Superconducting properties of sputter-formed Cu <sub>3</sub> Ga composites. Applied Physics Letters, 1979, 35, 93-95.	3.3	28
66	Finite-size effects and dynamical scaling in two-dimensional Josephson junction arrays. Physical Review B, 2001, 63, .	3.2	28
67	Multilevel spectroscopy of two-level systems coupled to a dc SQUID phase qubit. Physical Review B, 2010, 81, .	3.2	28
68	Examining the role of hydrogen in the electrical performance of <i>in situ</i> fabricated metal-insulator-metal trilayers using an atomic layer deposited Al <sub>2</sub> O <sub>3</sub> dielectric. Applied Physics Letters, 2013, 102, 173501.	3.3	28
69	Effect of current direction on the dynamics of Josephson-junction arrays. Physical Review B, 1992, 45, 3003-3012.	3.2	26
70	Application of single electron tunneling: Precision capacitance ratio measurements. Applied Physics Letters, 1995, 66, 2588-2590.	3.3	26
71	Effect of finite size on the Kosterlitz-Thouless transition in two-dimensional arrays of proximity-coupled junctions. Physical Review B, 1998, 57, 1154-1163.	3.2	26
72	Josephson-junction arrays as high-efficiency sources of coherent millimeter-wave radiation. Applied Physics Letters, 2001, 78, 1137-1139.	3.3	26

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73	Multilevel effects in the Rabi oscillations of a Josephson phase qubit. <i>Physical Review B</i> , 2008, 78, .	3.2	26
74	Oxygen pressure dependence of the grain size and surface morphology in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. <i>Applied Physics Letters</i> , 1995, 66, 1536-1538.	3.3	25
75	Magnetic homogeneity of colossal-magnetoresistance thin films determined by alternating current magnetic susceptibility. <i>Applied Physics Letters</i> , 1998, 73, 3456-3458.	3.3	25
76	Effect of leads and energy gap upon the retrapping current of Josephson junctions. <i>Physical Review Letters</i> , 1990, 65, 1263-1266.	7.8	24
77	Absence of fractional giant Shapiro steps in diagonal Josephson-junction arrays. <i>Physical Review B</i> , 1991, 44, 925-928.	3.2	24
78	A 30 mK, 13.5 T scanning tunneling microscope with two independent tips. <i>Review of Scientific Instruments</i> , 2014, 85, 043706.	1.3	24
79	A Josephson junction defect spectrometer for measuring two-level systems. <i>Applied Physics Letters</i> , 2012, 101, 062602.	3.3	23
80	Spectroscopic resonance broadening in a Josephson junction qubit due to current noise. <i>Physical Review B</i> , 2005, 71, .	3.2	22
81	Evidence for hydrogen two-level systems in atomic layer deposition oxides. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	22
82	Hall-conductivity sign reversal and fluctuations in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. <i>Physical Review B</i> , 1997, 55, 11802-11805.	3.2	21
83	Dynamic scaling and two-dimensional high- $T_c$ superconductors. <i>Physical Review B</i> , 2003, 67, .	3.2	20
84	Initializing the flux state of multiwell inductively isolated Josephson junction qubits. <i>Physical Review B</i> , 2006, 73, .	3.2	20
85	Fabrication of in-plane aligned $c$ -axis oriented $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ trilayer Josephson junctions. <i>Applied Physics Letters</i> , 1996, 69, 112-114.	3.3	19
86	Macroscopic Tunnel Splittings in Superconducting Phase Qubits. <i>Physical Review Letters</i> , 2005, 94, 187004.	7.8	19
87	Pinning and the intrinsic magnetic-field dependence of the mixed-state Hall conductivity in amorphous $\text{Mo}_3\text{Si}$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 1997, 56, R2944-R2947.	3.2	18
88	Direct observation of a threshold for coherent radiation in unshunted Josephson-junction arrays with ground planes. <i>Physical Review B</i> , 2002, 65, .	3.2	18
89	Vortex-defect interactions in Josephson-junction arrays. <i>Physical Review B</i> , 1991, 43, 12823-12826.	3.2	17
90	Strong-Field Effects in the Rabi Oscillations of the Superconducting Phase Qubit. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 105-108.	1.7	17

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91	Collective pinning and the Hall effect in superconductors. Physical Review B, 1995, 52, 7482-7487.	3.2	16
92	Thermopower and Hall conductivity in the magnetic-field-driven normal state of $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ superconductors. Physical Review B, 2002, 65, .	3.2	16
93	Decoherence in dc SQUID phase qubits. Physical Review B, 2008, 77, .	3.2	16
94	Electronic Transport and Possible Superconductivity at Van Hove Singularities in Carbon Nanotubes. Nano Letters, 2015, 15, 7859-7866.	9.1	16
95	Thin-film superconducting resonator tunable to the ground-state hyperfine splitting of $^{87}\text{Rb}$ . AIP Advances, 2011, 1, .	1.3	15
96	Anisotropic self-field effect in $a$ -axis $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}/\text{Ag}/\text{PbIn}$ Josephson junctions. Applied Physics Letters, 1996, 68, 1564-1566.	3.3	14
97	Critical currents and pinning mechanisms in untwinned $a$ -axis $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films. Physical Review B, 1997, 56, 925-933.	3.2	14
98	Mutual-inductance route to the paramagnetic Meissner effect in two-dimensional Josephson-junction arrays. Physical Review B, 2001, 64, .	3.2	14
99	Normal-superconducting phase transition mimicked by current noise. Physical Review B, 2004, 70, .	3.2	14
100	A Monte Carlo calculation of the cluster size critical exponent for 2D bond percolation. Journal of Physics C: Solid State Physics, 1980, 13, L245-L248.	1.5	13
101	Critical exponents for two-dimensional bond percolation. Physical Review B, 1982, 25, 492-495.	3.2	13
102	Quantum behavior of a dc SQUID phase qubit. Physical Review B, 2008, 77, .	3.2	13
103	Observation of Josephson effect in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}/\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ bilayer junctions. Applied Physics Letters, 1995, 67, 2872-2874.	3.3	12
104	Quantum tunneling and low-voltage resistance in small superconducting tunnel junctions. Physical Review B, 1989, 40, 11370-11373.	3.2	11
105	Nonuniversality in two-dimensional percolating systems with a broad distribution of bond conductances. Physical Review B, 1991, 43, 8233-8237.	3.2	11
106	Dynamical states of underdamped Josephson arrays in a magnetic field. Physical Review B, 1993, 47, 1141-1144.	3.2	11
107	Determination of relaxation time of a Josephson junction qubit. Physical Review B, 2004, 70, .	3.2	11
108	Universal critical behavior in single crystals and films of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physical Review B, 2009, 80, .	3.2	11

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109	Asymmetric current-voltage characteristics in type-II superconductors. <i>Physical Review B</i> , 1994, 49, 9244-9247.	3.2	10
110	Fabrication of all in-plane oriented a-axis $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ /insulator/ $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ heterostructures. <i>Applied Physics Letters</i> , 1995, 66, 1824-1826.	3.3	10
111	Pinning and the mixed-state thermomagnetic transport properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 1996, 54, R9670-R9673.	3.2	9
112	Synchronization and phase locking in two-dimensional arrays of Josephson junctions. <i>Physical Review B</i> , 1996, 53, 12340-12345.	3.2	9
113	Behavior of $\text{Al}/\text{Al}_2\text{O}_3/\text{Al}$ single-electron transistors from 85 mK to 5 K. <i>Applied Physics Letters</i> , 1998, 72, 2268-2270.	3.3	9
114	Systematic study of anisotropic Josephson coupling between $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ and PbIn using in-plane aligned a-axis films. <i>Physical Review B</i> , 1999, 59, 7205-7208.	3.2	9
115	Coherent nonlocal transport in quantum wires with strongly coupled electrodes. <i>Physical Review B</i> , 2013, 87, .	3.2	9
116	Positional Disorder in Real Josephson Junction Arrays. <i>Japanese Journal of Applied Physics</i> , 1987, 26, 1423.	1.5	8
117	Dynamics of a Charged Fluctuator in an $\text{Al}/\text{AlOx}/\text{Al}$ Single-Electron Transistor. <i>Journal of Low Temperature Physics</i> , 2001, 123, 103-126.	1.4	7
118	Asymmetric superconducting quantum interference devices for suppression of phase diffusion in small Josephson junctions. <i>Journal of Applied Physics</i> , 2013, 113, 183905.	2.5	7
119	Comment on "Pinning Strength Dependence of Mixed-State Hall Effect in $\text{YBa}_2\text{Cu}_3\text{O}_7$ Crystals with Columnar Defects". <i>Physical Review Letters</i> , 1997, 79, 4044-4044.	7.8	6
120	Pulse Current Measurements and Rabi Oscillations in a dc SQUID Phase Qubit. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 162-165.	1.7	6
121	Observation and a model for resonances in one-dimensional unshunted Josephson-junction arrays with ground planes. <i>Physical Review B</i> , 2003, 68, .	3.2	5
122	Zero-field superconducting phase transition obscured by finite-size effects in thick $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. <i>Physical Review B</i> , 2004, 69, .	3.2	5
123	Ion milling damage and regrowth of oxide substrates studied by ion channeling and atomic force microscopy. <i>Applied Physics Letters</i> , 1997, 70, 3098-3100.	3.3	4
124	Effects of self field and low magnetic fields on the normal-superconducting phase transition. <i>Physical Review B</i> , 2005, 72, .	3.2	4
125	Scanning tunneling Andreev microscopy of titanium nitride thin films. <i>Physical Review B</i> , 2019, 100, .	3.2	4
126	Percolation tricritical exponents for conductance and critical current in two dimensions. <i>AIP Conference Proceedings</i> , 1980, , .	0.4	3



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127	Anomalous magnetothermopower in the mixed state of the electron-doped high-T <sub>c</sub> superconductors. Physical Review B, 2002, 66, .	3.2	3
128	Measurements of Decoherence in Three dc SQUID Phase Qubits. IEEE Transactions on Applied Superconductivity, 2007, 17, 120-123.	1.7	3
129	Dc SQUID Phase Qubit With an LC Filter. IEEE Transactions on Applied Superconductivity, 2009, 19, 957-960.	1.7	3
130	Superposition of Inductive and Capacitive Coupling in Superconducting LC Resonators. IEEE Transactions on Applied Superconductivity, 2011, 21, 875-878.	1.7	3
131	Anomalous Switching Curves in a dc SQUID Phase Qubit. IEEE Transactions on Applied Superconductivity, 2011, 21, 860-863.	1.7	3
132	Plasma etching of superconducting Niobium tips for scanning tunneling microscopy. Journal of Applied Physics, 2014, 116, 014308.	2.5	3
133	Vortex-induced rectification in type II superconductors. Journal of Low Temperature Physics, 1995, 100, 515-533.	1.4	2
134	Superconducting and Mechanical Properties of in Situ Formed Cu-V3Ga Composites. , 1980, , 538-542.		2
135	Long-lived transmons with different electrode layouts. MRS Advances, 2022, 7, 273-277.	0.9	2
136	When are Superconductors Really Superconducting?. Journal of Superconductivity and Novel Magnetism, 2004, 17, 641-651.	0.5	1
137	Identifying Sources of Decoherence in a dc SQUID Phase Qubit With a Sub- $\mu\{m\}$ Junction and Interdigitated Capacitor. IEEE Transactions on Applied Superconductivity, 2011, 21, 867-870.	1.7	1
138	Simultaneously scanning two connected tips in a scanning tunneling microscope. Journal of Applied Physics, 2017, 121, 214501.	2.5	1
139	Possible Observation of Charging Energy Effects in Single Ultra-Small Josephson Tunnel Junctions. Japanese Journal of Applied Physics, 1987, 26, 1557.	1.5	1
140	An Order-Wave Description of the Kinetics of Spinodal Ordering. Materials Research Society Symposia Proceedings, 1982, 21, 571.	0.1	0
141	lansitiet al.Reply. Physical Review Letters, 1989, 62, 484-484.	7.8	0
142	Hall conductivity sign reversal and fluctuations in YBCO films. European Physical Journal D, 1996, 46, 1371-1372.	0.4	0
143	Resistive superconducting transition of single unit-cell YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> layers. European Physical Journal D, 1996, 46, 1707-1708.	0.4	0
144	Ginzburg-Landau theory for three-dimensional Josephson junction arrays. Journal of Low Temperature Physics, 1996, 105, 133-148.	1.4	0

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145	DC SQUID Phase Qubit Coupled to an On-Chip LC Resonator. IEEE Transactions on Applied Superconductivity, 2013, 23, 1701504-1701504.	1.7	0
146	SINGLE JOSEPHSON JUNCTIONS AS QUBITS. , 2005, , .		0
147	Properties of a-axis YBa2Cu3O7-x/PrBa2Cu3O7-x/YBa2Cu3O7-x Trilayer Josephson Junctions on (100) LaSrGaO4. , 1998, , 959-964.		0