Luigi Frunzio

List of Publications by Citations

166 papers	16,867 citations	61 h-index	129 g-index
173 ext. papers	19,564 ext. citations	10.9 avg, IF	6.16 L-index

#	Paper	IF	Citations
166	Strong coupling of a single photon to a superconducting qubit using circuit quantum electrodynamics. *Nature*, **2004**, 431, 162-7	50.4	2755
165	Coupling superconducting qubits via a cavity bus. *Nature*, **2007**, 449, 443-7	50.4	940
164	Demonstration of two-qubit algorithms with a superconducting quantum processor. *Nature*, **2009**, 460, 240-4	50.4	773
163	Observation of high coherence in Josephson junction qubits measured in a three-dimensional circuit QED architecture. *Physical Review Letters*, **2011**, 107, 240501	7.4	696
162	Resolving photon number states in a superconducting circuit. *Nature*, **2007**, 445, 515-8	50.4	571
161	Preparation and measurement of three-qubit entanglement in a superconducting circuit. *Nature*, **2010**, 467, 574-8	50.4	418
160	Realization of three-qubit quantum error correction with superconducting circuits. *Nature*, **2012**, 482, 382-5	50.4	404
159	Approaching unit visibility for control of a superconducting qubit with dispersive readout. *Physical Review Letters*, **2005**, 95, 060501	7.4	386
158	Extending the lifetime of a quantum bit with error correction in superconducting circuits. *Nature*, **2016**, 536, 441-5	50.4	379
157	Suppressing charge noise decoherence in superconducting charge qubits. *Physical Review B*, **2008**, 77,	3.3	347
156	Deterministically encoding quantum information using 100-photon Schrödinger cat states. *Science*, **2013**, 342, 607-10	33.3	339
155	High-cooperativity coupling of electron-spin ensembles to superconducting cavities. *Physical Review Letters*, **2010**, 105, 140501	7.4	334
154	Generating single microwave photons in a circuit. *Nature*, **2007**, 449, 328-31	50.4	321
153	Observation of quantum state collapse and revival due to the single-photon Kerr effect. *Nature*, **2013**, 495, 205-9	50.4	304
152	Phase-preserving amplification near the quantum limit with a Josephson ring modulator. *Nature*, **2010**, 465, 64-8	50.4	294
151	ac Stark shift and dephasing of a superconducting qubit strongly coupled to a cavity field. *Physical Review Letters*, **2005**, 94, 123602	7.4	287
150	Observation of Berry's phase in a solid-state qubit. *Science*, **2007**, 318, 1889-92	33.3	278

149	Controlling the spontaneous emission of a superconducting transmon qubit. *Physical Review Letters*, **2008**, 101, 080502	7.4	269
148	RF-driven Josephson bifurcation amplifier for quantum measurement. *Physical Review Letters*, **2004**, 93, 207002	7.4	258
147	Quantum engineering. Confining the state of light to a quantum manifold by engineered two-photon loss. *Science*, **2015**, 347, 853-7	33.3	223
146	Autonomously stabilized entanglement between two superconducting quantum bits. *Nature*, **2013**, 504, 419-22	50.4	210
145	Qubit-photon interactions in a cavity: Measurement-induced dephasing and number splitting. *Physical Review A*, **2006**, 74,	2.6	207
144	Quantum non-demolition detection of single microwave photons in a circuit. *Nature Physics*, **2010**, 6, 663-667	16.2	191
143	High-fidelity readout in circuit quantum electrodynamics using the Jaynes-Cummings nonlinearity. *Physical Review Letters*, **2010**, 105, 173601	7.4	189
142	Quantum back-action of an individual variable-strength measurement. *Science*, **2013**, 339, 178-81	33.3	178
141	Quantum acoustics with superconducting qubits. *Science*, **2017**, 358, 199-202	33.3	176
140	Black-box superconducting circuit quantization. *Physical Review Letters*, **2012**, 108, 240502	7.4	166
139	A Schr□dinger cat living in two boxes. *Science*, **2016**, 352, 1087-91	33.3	160
138	Tracking photon jumps with repeated quantum non-demolition parity measurements. *Nature*, **2014**, 511, 444-8	50.4	151
137	Fast reset and suppressing spontaneous emission of a superconducting qubit. *Applied Physics Letters*, **2010**, 96, 203110	3.4	150
136	Randomized benchmarking and process tomography for gate errors in a solid-state qubit. *Physical Review Letters*, **2009**, 102, 090502	7.4	148
135	Quantum memory with millisecond coherence in circuit QED. *Physical Review B*, **2016**, 94,	3.3	146
134	Direct observation of dynamical bifurcation between two driven oscillation states of a Josephson junction. *Physical Review Letters*, **2005**, 94, 027005	7.4	129
133	Reaching 10 ms single photon lifetimes for superconducting aluminum cavities. *Applied Physics Letters*, **2013**, 102, 192604	3.4	126
132	Fabrication and characterization of superconducting circuit QED devices for quantum computation. *IEEE Transactions on Applied Superconductivity*, **2005**, 15, 860-863	1.8	125

131	Demonstrating a driven reset protocol for a superconducting qubit. *Physical Review Letters*, **2013**, 110, 120501	7.4	118
130	Reconfigurable Josephson Circulator/Directional Amplifier. *Physical Review X*, **2015**, 5,	9.1	117
129	Dispersive measurements of superconducting qubit coherence with a fast latching readout. *Physical Review B*, **2006**, 73,	3.3	112
128	Implementing a universal gate set on a logical qubit encoded in an oscillator. *Nature Communications*, **2017**, 8, 94	17.4	110
127	Tunable superconducting nanoinductors. *Nanotechnology*, **2010**, 21, 445202	3.4	109
126	Optimized driving of superconducting artificial atoms for improved single-qubit gates. *Physical Review A*, **2010**, 82,	2.6	107
125	Surface participation and dielectric loss in superconducting qubits. *Applied Physics Letters*, **2015**, 107, 162601	3.4	102
124	Creation and control of multi-phonon Fock states in a bulk acoustic-wave resonator. *Nature*, **2018**, 563, 666-670	50.4	100
123	Multilayer microwave integrated quantum circuits for scalable quantum computing. *Npj Quantum Information*, **2016**, 2,	8.6	92
122	Quasiparticle relaxation of superconducting qubits in the presence of flux. *Physical Review Letters*, **2011**, 106, 077002	7.4	92
121	Measurement and control of quasiparticle dynamics in a superconducting qubit. *Nature Communications*, **2014**, 5, 5836	17.4	88
120	Quantum error correction of a qubit encoded in grid states of an oscillator. *Nature*, **2020**, 584, 368-372	50.4	86
119	Deterministic teleportation of a quantum gate between two logical qubits. *Nature*, **2018**, 561, 368-373	50.4	86
118	On-demand quantum state transfer and entanglement between remote microwave cavity memories. *Nature Physics*, **2018**, 14, 705-710	16.2	82
117	Cavity State Manipulation Using Photon-Number Selective Phase Gates. *Physical Review Letters*, **2015**, 115, 137002	7.4	78
116	Photon shot noise dephasing in the strong-dispersive limit of circuit QED. *Physical Review B*, **2012**, 86,	3.3	78
115	Sideband transitions and two-tone spectroscopy of a superconducting qubit strongly coupled to an on-chip cavity. *Physical Review Letters*, **2007**, 99, 050501	7.4	75
114	Reset dynamics and latching in niobium superconducting nanowire single-photon detectors. *Journal of Applied Physics*, **2010**, 108, 084507	2.5	72

113	Detecting highly entangled states with a joint qubit readout. *Physical Review A*, **2010**, 81,	2.6	72
112	Non-Poissonian quantum jumps of a fluxonium qubit due to quasiparticle excitations. *Physical Review Letters*, **2014**, 113, 247001	7.4	71
111	Controlled release of multiphoton quantum states from a microwave cavity memory. *Nature Physics* , **2017**, 13, 882-887	16.2	67
110	Fault-tolerant detection of a quantum error. *Science*, **2018**, 361, 266-270	33.3	65
109	Improving the quality factor of microwave compact resonators by optimizing their geometrical parameters. *Applied Physics Letters*, **2012**, 100, 192601	3.4	65
108	Measurements of quasiparticle tunneling dynamics in a band-gap-engineered transmon qubit. *Physical Review Letters*, **2012**, 108, 230509	7.4	63
107	Hot Nonequilibrium Quasiparticles in Transmon Qubits. *Physical Review Letters*, **2018**, 121, 157701	7.4	62
106	Deterministic Remote Entanglement of Superconducting Circuits through Microwave Two-Photon Transitions. *Physical Review Letters*, **2018**, 120, 200501	7.4	62
105	A CNOT gate between multiphoton qubits encoded in two cavities. *Nature Communications*, **2018**, 9, 652	17.4	61
104	Josephson directional amplifier for quantum measurement of superconducting circuits. *Physical Review Letters*, **2014**, 112, 167701	7.4	61
103	Robust Concurrent Remote Entanglement Between Two Superconducting Qubits. *Physical Review X*, **2016**, 6,	9.1	61
102	Single-Photon-Resolved Cross-Kerr Interaction for Autonomous Stabilization of Photon-Number States. *Physical Review Letters*, **2015**, 115, 180501	7.4	52
101	Measuring the decoherence of a quantronium qubit with the cavity bifurcation amplifier. *Physical Review B*, **2007**, 76,	3.3	52
100	Directional Amplification with a Josephson Circuit. *Physical Review X*, **2013**, 3,	9.1	51
99	Time-resolved measurements of thermodynamic fluctuations of the particle number in a nondegenerate Fermi gas. *Physical Review Letters*, **2001**, 87, 067004	7.4	48
98	Full coherent frequency conversion between two propagating microwave modes. *Physical Review Letters*, **2013**, 110, 173902	7.4	47
97	Entanglement of bosonic modes through an engineered exchange interaction. *Nature*, **2019**, 566, 509-512	50.4	47
96	Comparing and Combining Measurement-Based and Driven-Dissipative Entanglement Stabilization*. *Physical Review X*, **2016**, 6,	9.1	40

95	Coherent Oscillations inside a Quantum Manifold Stabilized by Dissipation. *Physical Review X*, **2018**, 8,	9.1	39
94	Gated Conditional Displacement Readout of Superconducting Qubits. *Physical Review Letters*, **2019**, 122, 080502	7.4	37
93	Niobium Superconducting Nanowire Single-Photon Detectors. *IEEE Transactions on Applied Superconductivity*, **2009**, 19, 327-331	1.8	36
92	Investigation of low-temperature I-V curves of high-quality Nb/Al-AlOx/Nb Josephson junctions. *Journal of Applied Physics*, **1992**, 71, 1888-1892	2.5	35
91	An architecture for integrating planar and 3D cQED devices. *Applied Physics Letters*, **2016**, 109, 042601	3.4	35
90	Direct Dispersive Monitoring of Charge Parity in Offset-Charge-Sensitive Transmons. *Physical Review Applied*, **2019**, 12,	4.3	33
89	Demonstration of superconducting micromachined cavities. *Applied Physics Letters*, **2015**, 107, 192603	3.4	31
88	Two-mode correlation of microwave quantum noise generated by parametric down-conversion. *Physical Review Letters*, **2012**, 108, 123902	7.4	31
87	Characterizing entanglement of an artificial atom and a cavity cat state with Bell's inequality. *Nature Communications*, **2015**, 6, 8970	17.4	29
86	A New Fabrication Process of Superconducting Nb Tunnel Junctions with Ultralow Leakage Current for X-Ray Detection. *Japanese Journal of Applied Physics*, **1993**, 32, 4535-4537	1.4	29
85	Efficient Multiphoton Sampling of Molecular Vibronic Spectra on a Superconducting Bosonic Processor. *Physical Review X*, **2020**, 10,	9.1	28
84	Planar Multilayer Circuit Quantum Electrodynamics. *Physical Review Applied*, **2016**, 5,	4.3	27
83	Noise mechanisms in superconducting tunnel-junction detectors. *Applied Physics Letters*, **2000**, 76, 3998-4000	3.4	27
82	Programmable Interference between Two Microwave Quantum Memories. *Physical Review X*, **2018**, 8,	9.1	27
81	Energy resolution of terahertz single-photon-sensitive bolometric detectors. *Applied Physics Letters* , **2010**, 96, 083505	3.4	24
80	Switching dynamics of Nb/AlOx/Nb Josephson junctions: Measurements for an experiment of macroscopic quantum coherence. *Journal of Applied Physics*, **1996**, 80, 2922-2928	2.5	24
79	Continuous Quantum Nondemolition Measurement of the Transverse Component of a Qubit. *Physical Review Letters*, **2016**, 117, 133601	7.4	23
78	Fluxonium-Based Artificial Molecule with a Tunable Magnetic Moment. *Physical Review X*, **2017**, 7,	9.1	22

77	Improved energy resolution of x-ray single photon imaging spectrometers using superconducting tunnel junctions. *Journal of Applied Physics*, **2001**, 90, 3645-3647	2.5	22
76	Suspending superconducting qubits by silicon micromachining. *Applied Physics Letters*, **2016**, 109, 112601	3.4	22
75	Implementing and Characterizing Precise Multiqubit Measurements. *Physical Review X*, **2016**, 6,	9.1	22
74	Quasiparticle nonequilibrium dynamics in a superconducting Ta film. *Journal of Applied Physics*, **2003**, 93, 1137-1141	2.5	21
73	High-Fidelity Measurement of Qubits Encoded in Multilevel Superconducting Circuits. *Physical Review X*, **2020**, 10,	9.1	21
72	Error-corrected gates on an encoded qubit. *Nature Physics*, **2020**, 16, 822-826	16.2	20
71	Quantization of inductively shunted superconducting circuits. *Physical Review B*, **2016**, 94,	3.3	20
70	Simultaneous Monitoring of Fluxonium Qubits in a Waveguide. *Physical Review Applied*, **2018**, 9,	4.3	19
69	Magnetic properties of annular Josephson junctions for radiation detection: Experimental results. *Applied Physics Letters*, **1999**, 74, 3389-3391	3.4	18
68	Investigation of subgap structures in high-quality Nb/AlOx/Nb tunnel junctions. *Physical Review B*, **1994**, 49, 429-440	3.3	18
67	Quasiparticle diffusion, edge losses, and back-tunneling in superconducting tunnel junctions under x-ray irradiation. *Journal of Applied Physics*, **1999**, 86, 4580-4587	2.5	17
66	Micromachined Integrated Quantum Circuit Containing a Superconducting Qubit. *Physical Review Applied*, **2017**, 7,	4.3	16
65	Nb-based Josephson junction devices for nuclear radiation detection: Design and preliminary experimental results. *Journal of Applied Physics*, **1994**, 75, 5210-5217	2.5	16
64	Dynamics and energy distribution of nonequilibrium quasiparticles in superconducting tunnel junctions. *Physical Review B*, **2004**, 70,	3.3	15
63	Optical/UV single-photon imaging spectrometers using superconducting tunnel junctions. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2000**, 444, 449-452	1.2	15
62	Effect of intense proton irradiation on properties of Josephson devices. *IEEE Transactions on Applied Superconductivity*, **1997**, 7, 2917-2920	1.8	14
61	Driving Forbidden Transitions in the Fluxonium Artificial Atom. *Physical Review Applied*, **2018**, 9,	4.3	14
60	X-ray single photon 1-D imaging spectrometers. *IEEE Transactions on Applied Superconductivity*, **2001**, 11, 685-687	1.8	13

59	High coherence superconducting microwave cavities with indium bump bonding. *Applied Physics Letters*, **2020**, 116, 154002	3.4	11
58	Wireless Josephson amplifier. *Applied Physics Letters*, **2014**, 104, 232605	3.4	10
57	The effective dissipation in Nb/AlOx/Nb Josephson tunnel junctions by return current measurements. *Journal of Applied Physics*, **1997**, 81, 7418-7426	2.5	10
56	A far-infrared Fourier transform spectrometer with an antenna-coupled niobium bolometer. *Superconductor Science and Technology*, **2007**, 20, S398-S402	3.1	10
55	Superconductive tunnel junction detectors: ten years ago, ten years from now. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1996**, 370, 26-30	1.2	10
54	Experimental estimation of the hot spot size in Nb-based Josephson tunnel junctions using Abrikosov vortices. *Journal of Applied Physics*, **1997**, 82, 5024-5029	2.5	9
53	Superconducting tunnel junction detectors for extreme ultraviolet applications. *IEEE Transactions on Applied Superconductivity*, **2003**, 13, 1120-1123	1.8	9
52	Traversal Time as Deduced from Decay Time Measurements in Josephson Junctions. *Physica Scripta* , **1998**, 58, 538-542	2.6	9
51	Superconducting niobium nanowire single photon detectors **2006**, 6372, 239		8
50	Diffusion-engineered single-photon spectrometer for UV/visible detection. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2004**, 520, 237-239	1.2	8
49	A new noise source in superconducting tunnel junction photon detectors. *IEEE Transactions on Applied Superconductivity*, **2001**, 11, 645-648	1.8	8
48	Detection of single x-ray photons by an annular superconducting tunnel junction. *Applied Physics Letters*, **2001**, 79, 2103-2105	3.4	8
47	Traversal Time in Josephson Junctions. *Journal of Superconductivity and Novel Magnetism*, **1999**, 12, 829-833		8
46	Free-standing silicon shadow masks for transmon qubit fabrication. *AIP Advances*, **2020**, 10, 065120	1.5	7
45	Ultrasensitive Quantum-Limited Far-Infrared STJ Detectors. *IEEE Transactions on Applied Superconductivity*, **2007**, 17, 241-245	1.8	7
44	Niobium Hot Electron Bolometer Development for a Submillimeter Heterodyne Array Camera. *IEEE Transactions on Applied Superconductivity*, **2007**, 17, 403-406	1.8	7
43	Quasiparticle diffusion and edge losses in superconducting tunnel junction detectors with two active electrodes. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2000**, 444, 15-18	1.2	7
42	On the magnetic field dependence of the critical current in small irregular polygonal Josephson junctions. *Journal of Applied Physics*, **1996**, 80, 3401-3407	2.5	7

41	Observation of subgap structures in high-quality Nb/Al-AlOx/Nb Josephson tunnel junctions. *Journal of Superconductivity and Novel Magnetism*, **1992**, 5, 451-455		7
40	Direct measurements of relaxation time scales in Josephson junctions. *Solid State Communications*, **1996**, 97, 439-444	1.6	6
39	Quasiparticle dynamics and a new, high-resolution readout of STJ photon detectors. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2006**, 559, 676-679	1.2	5
38	Radiation Hardness of Josephson Devices. *Japanese Journal of Applied Physics*, **1998**, 37, 40	1.4	5
37	Enhancing the Energy Resolution of a Singles Photon STJ Spectrometer Using Diffusion Engineering. *IEEE Transactions on Applied Superconductivity*, **2007**, 17, 324-327	1.8	4
36	Influence of a NbN overlayer on Nb/Al-AlOx/Nb high quality Josephson tunnel junctions for x-ray detection. *Applied Physics Letters*, **1995**, 67, 3340-3342	3.4	4
35	Error-Detected State Transfer and Entanglement in a Superconducting Quantum Network. *PRX Quantum*, **2021**, 2,	6.1	4
34	Spatial uniformity of single photon 1-D imaging detectors using superconducting tunnel junctions **2002**,		3
33	BCS quasi-particle tunnelling current in Josephson tunnel junctions. *Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics*, **1992**, 14, 395-410		3
32	Physical properties of the superconducting Ta film absorber of an X-ray photon detector. *IEEE Transactions on Applied Superconductivity*, **2003**, 13, 1124-1127	1.8	2
31	Aluminum Superconducting Tunnel Junction as X-ray detector: Technological aspects and phonon decoupling from the substrate **2002**,		2
30	Diffusion-engineered quasiparticle multiplication for STJ single photon detectors. *IEEE Transactions on Applied Superconductivity*, **2005**, 15, 609-612	1.8	2
29	Single-photon 2-D imaging X-ray spectrometer employing trapping with four tunnel junctions. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2000**, 444, 228-231	1.2	2
28	X-ray detection by Nb STJs above 1.4 K. *Journal of Low Temperature Physics*, **1993**, 93, 691-696	1.3	2
27	RETICULA: Real-time code quality assessment **2018**,		1
26	Mesoscopic resistor as a self-calibrating quantum noise source. *Applied Physics Letters*, **2012**, 100, 203507	3.4	1
25	Characterization of Terahertz Single-Photon-Sensitive Bolometric Detectors Using a Pulsed Microwave Technique **2009**,		1
24	Sidelobe suppression in arbitrarity shaped quadrangle Josephson junctions. *Journal of Low Temperature Physics*, **1997**, 106, 359-364	1.3	1

23	Proton damage on Nb-based Josephson junctions. *Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics*, **1997**, 19, 1397-1404		1
22	Development of radiation-hard particle detectors using Josephson tunnel junctions. *Nuclear Physics, Section B, Proceedings Supplements*, **1998**, 61, 570-575		1
21	Superconducting microbolometers for time-resolved terahertz spectroscopy **2007**,		1
20	Annular superconducting tunnel junction detectors: Experimental results under X-ray illumination **2002**,		1
19	Approaching intrinsic resolution limits in optical/UV superconducting tunnel junction detectors **2002**,		1
18	Annular Josephson junctions for radiation detection: fabrication and investigation of the magnetic behaviour. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2000**, 444, 476-479	1.2	1
17	Abrikosov Monopole Vortices and Their Images in a Circular Josephson Tunnel Junction. *International Journal of Modern Physics B*, **1999**, 13, 1265-1270	1.1	1
16	Set up of a nuclear radiation experiment with superconducting tunnel junctions in a compact3He cryostat. *Cryogenics*, **1994**, 34, 243-246	1.8	1
15	High quality Nb-based junctions for superconductive detectors. *Nuclear Physics, Section B, Proceedings Supplements*, **1993**, 32, 300-306		1
14	High-resolution energy spectroscopy and superconductive Tunnel Junction **1993**, 16, 735-742		1
13	Single-shot number-resolved detection of microwave photons with error mitigation. *Physical Review A*, **2021**, 103,	2.6	1
12	The Josephson Bifurcation Amplifier for Quantum Measurements **2006**, 28-37		1
11	Frequency-tunable Kerr-free three-wave mixing with a gradiometric SNAIL. *Applied Physics Letters*, **2022**, 120, 184002	3.4	1
10	X ray response of STJs detectors with different trapping layers: Preliminary results. *Nuclear Physics, Section B, Proceedings Supplements*, **1995**, 44, 682-687		0
9	Fabrication of high-quality Josephson junctions for applications as particle detectors. *Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics*, **1997**, 19, 1405-1409		
8	A hotspot size estimate technique by using Abrikosov vortices in Josephson tunnel junctions. *Applied Superconductivity*, **1998**, 6, 331-335		
7	Effects of Quasiparticle Diffusion in Nb-Based Superconducting Tunnel Junctions Under X-Rays Irradiation. *International Journal of Modern Physics B*, **1999**, 13, 1247-1252	1.1	
6	Estimation of □particle induced hot spot size in Nb film using Abrikosov vortices. *European Physical Journal D*, **1996**, 46, 2881-2882		

5	Investigation of Fiske steps of a josephson tunnel junction with trapped Abrikosov vortices. *European Physical Journal D*, **1996**, 46, 685-686	
4	X-ray response of STJ detectors using NbN absorbing layers. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1996**, 370, 95-97	1.2
3	Two-particle structures in high quality Nb/AlOx/Nb Josephson tunnel junctions. *Physica B: Condensed Matter*, **1994**, 194-196, 1681-1682	2.8
2	Thermodynamic properties of low-Tc and high-Tc superconducting barrier junction (S-SSS system) in a magnetic field. *Physical Review B*, **1991**, 44, 805-808	3.3
1	Sweep rate effects and quantum energy levels in Josephson junctions. *Physica B: Condensed Matter*, **1990**, 165-166, 947-948	2.8