Tord Claeson

List of Publications by Year
in descending order

378 papers	7,504 citations	71004 43 h-index	90395 73 g-index
380 all docs	380 docs citations	380 times ranked	4245 citing authors

#	Article	IF	Citations
1	Gate-tunable pairing channels in superconducting non-centrosymmetric oxides nanowires. Npj Quantum Materials, 2022, 7, .	1.8	8
2	Nanopatterning of Weak Links in Superconducting Oxide Interfaces. Nanomaterials, 2021, 11, 398.	1.9	6
3	Homogeneous superconductivity at the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn> interface probed by nanoscale transport. Physical Review B, 2017, 96, .	1.1	12
4	Retention of Electronic Conductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LaAlO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow> Using a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrCuO</mml:mi></mml:mrow> Physical Review Applied, 2016, 6, .	1.5	13
5	Elastically strained and relaxed La0.67Ca0.33MnO3 films grown on lanthanum aluminate substrates with different orientations. Physics of the Solid State, 2016, 58, 2560-2566.	0.2	0
6	Reversible metal-insulator transition of Ar-irradiated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaAl</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow><mml:mo>/</mml:mo><mml:mrow><mml:mi>Sr mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>interfaces. Physical Review B, 2015, 92, .	1.1	20
7	Dielectric response of Ba0.05Sr0.95TiO3(110) films to variations in temperature and electric field. Physics of the Solid State, 2015, 57, 957-961.	0.2	2
8	Cation stoichiometry and electrical transport properties of the NdGaO3/(0â€‰0â€‰1)SrTiO3interface. Journal of Physics Condensed Matter, 2015, 27, 255004.	0.7	4
9	Electrical conduction of palladium-decorated multi-layered graphene oxide effected by hydrogen dissociation. Synthetic Metals, 2015, 199, 74-78.	2.1	5
10	Degradation of the SrRuO3/SrTiO3 interface capacitance induced by mechanical stresses. Physics of the Solid State, 2014, 56, 2446-2450.	0.2	1
11	Magnetoresistance anisotropy in La0.67Ba0.33MnO3 films laterally compressed by a neodymium gallate substrate. Technical Physics, 2014, 59, 1027-1031.	0.2	3
12	Strain enhanced anisotropy of in-plane resistivity of YBa2Cu3O7â^Î´films. Superconductor Science and Technology, 2013, 26, 115009.	1.8	0
13	Structure and magneto-transport parameters of partially relaxed and coherently grown La0.67Ba0.33MnO3 films. Physics of the Solid State, 2013, 55, 2043-2050.	0.2	3
14	Fully gapped superconductivity in a nanometre-size YBa2Cu3O7â€“Î´ island enhanced by a magnetic field. Nature Nanotechnology, 2013, 8, 25-30.	15.6	53
15	Nano-patterning of the electron gas at the LaAlO3/SrTiO3 interface using low-energy ion beam irradiation. Applied Physics Letters, 2013, 102, .	1.5	43
16	Atomic rearrangements at the TiO 2 -terminated (001)SrTiO 3 surface and growth of thin LaMnO 3 films. Europhysics Letters, 2013, 102, 56003.	0.7	8
17	Electrical and structural properties of ABO3/SrTiO3 interfaces. Materials Research Society Symposia Proceedings, 2012, 1454, 167-172.	0.1	4
18	Inhomogeneous Microstructure and Electrical Transport Properties at the LaAlO$_{3}$/SrTiO$_{3}$ Interface. Japanese Journal of Applied Physics, 2012, 51, 11PG10.	0.8	1

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19	Inhomogeneous Microstructure and Electrical Transport Properties at the LaAlO3/SrTiO3Interface. Japanese Journal of Applied Physics, 2012, 51, 11PG10.	0.8	1
20	Optimized transport properties of LaAlO₃SrTiO₃heterointerfaces by variation of pulsed laser fluence. Journal of Physics Condensed Matter, 2011, 23, 305002.	0.7	21
21	Improved cationic stoichiometry and insulating behavior at the interface of LaAlO 3 /SrTiO 3 formed at high oxygen pressure during pulsed-laser deposition. Europhysics Letters, 2011, 93, 37001.	0.7	42
22	Kelvin Probe Force Microscopy Study of LaAlO₃/SrTiO₃ Heterointerfaces. Journal of Advanced Microscopy Research, 2010, 5, 26-30.	0.3	10
23	Cationic Disorder and Phase Segregation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo></mml:mo><mml:msub><m Evidenced by Medium-Energy Ion Spectroscopy. Physical Review Letters, 2009, 103, 146101.	2.9	113
24	Nobel Symposium 141: Qubits for Future Quantum Information. Physica Scripta, 2009, T137, 011001.	1.2	0
25	Structural distortions induced during stress relaxation affecting electrical transport of nanometer-thick La0.67(Ba,Ca)0.33MnO3 films. Physica B: Condensed Matter, 2009, 404, 5234-5236.	1.3	1
26	Effect of various deposition conditions on the electrical properties of LAO/STO hetero interfaces. Journal of Physics: Conference Series, 2008, 100, 082039.	0.3	7
27	Dynamics of a LC Shunted ${m YBa}_{2}{m Cu}_{3}{m O}_{7{hbox {-}}delta}$ Josephson Junction. IEEE Transactions on Applied Superconductivity, 2007, 17, 653-658.	1.1	5
28	Effect of oxygen vacancies in theSrTiO3substrate on the electrical properties of theLaAlO3â•SrTiO3interface. Physical Review B, 2007, 75, .	1.1	657
29	Energy level quantization in a YBa2Cu3O7â˜Î´ Josephson junction. Physica C: Superconductivity and Its Applications, 2007, 460-462, 335-338.	0.6	2
30	Macroscopic Quantum Phenomena in High Critical Temperature Superconducting Josephson Junctions. Journal of Superconductivity and Novel Magnetism, 2007, 19, 341-347.	0.8	1
31	SCENET roadmap for superconductor digital electronics. Physica C: Superconductivity and Its Applications, 2006, 439, 1-41.	0.6	58
32	Quantum Dynamics of a d-Wave Josephson Junction. Science, 2006, 311, 57-60.	6.0	108
33	Reactance of the n-Au/p-La0.67Ca0.33MnO3 film contact. Technical Physics, 2006, 51, 1097-1100.	0.2	1
34	Ba0.25Sr0.75TiO3 thin-film varactors on SrRuO3 bottom electrode. Journal of Applied Physics, 2006, 99, 034103.	1.1	18
35	Effect of interfaces on the dielectric response of aSrTiO3layer between metallic oxide electrodes. Physical Review B, 2006, 74, .	1.1	6
36	Response of the Electrical Resistivity and Magnetoresistance of La[sub 0.67]Ca[sub 0.33]MnO[sub 3] Films to Biaxial Tensile Strains. Physics of the Solid State, 2005, 47, 287.	0.2	5

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37	Magnetoresistance of La[sub 0.67]Sr[sub 0.33]MnO[sub 3] Epitaxial Films Grown on a Substrate with Low Lattice Mismatch. Physics of the Solid State, 2005, 47, 2281.	0.2	2
38	Macroscopic Quantum Tunneling ind-WaveYBa2Cu3O7â˜Îˆ Josephson Junctions. Physical Review Letters, 2005, 94, 087003.	2.9	151
39	Silent phase qubit based ond-wave Josephson junctions. Physical Review B, 2005, 71, .	1.1	58
40	TILTED BI-CRYSTAL SAPPHIRE SUBSTRATES IMPROVE PROPERTIES OF GRAIN BOUNDARY YBA2CU3O7-X JUNCTIONS AND EXTEND THEIR JOSEPHSON RESPONSE TO THZ FREQUENCIES. , 2005, , .		2
41	Yurgenset al.Reply:. Physical Review Letters, 2004, 92, .	2.9	32
42	Interfaces ofAgâ•SrTiO3â•La0.67Ca0.33MnO3structures studied by the temperature and magnetic-field responses of their capacitance. Physical Review B, 2004, 70, .	1.1	9
43	Ferroelectric domain wall relaxation in Ba0.25Sr0.75TiO3 films displaying Curie-Weiss behavior. Journal of Applied Physics, 2004, 96, 4392-4399.	1.1	8
44	THz Josephson properties of grain boundary YBaCuO junctions on symmetric, tilted bicrystal sapphire substrates. Journal of Applied Physics, 2004, 96, 3357-3361.	1.1	27
45	Terahertz spectroscopy with a Josephson oscillator and a SINIS bolometer. JETP Letters, 2004, 79, 298-303.	0.4	9
46	Dielectric response of a (1000 nm)SrTiO3 layer epitaxially grown on (001)La0.67Ca0.33MnO3 to temperature variation and electric field. Physics of the Solid State, 2004, 46, 1270-1276.	0.2	1
47	The growth and conductivity of CaCuO2 epitaxial thin films. Physica C: Superconductivity and Its Applications, 2004, 408-410, 616-617.	0.6	6
48	Unconventional currentâ€“phase relations in YBCO dc-SQUIDs. Physica C: Superconductivity and Its Applications, 2004, 408-410, 926-927.	0.6	3
49	Giant lasing effect in magnetic nanoconductors. Europhysics Letters, 2004, 67, 948-954.	0.7	60
50	Strain-enhanced phase separation affecting electro- and magnetotransport in La0.67Ca0.33MnO3 films. Journal of Applied Physics, 2004, 96, 435-442.	1.1	40
51	Terahertz transmission spectroscopy by Josephson oscillator and cold-electron bolometer. , 2004, , .		3
52	Response of the electrical resistivity and magnetoresistance of La0.67Ca0.33MnO3 epitaxial films to biaxial compressive mechanical (001) or (110) strains. Physics of the Solid State, 2003, 45, 1090-1095.	0.2	0
53	Feasibility studies of ultra-small Josephson junctions for qubits. IEEE Transactions on Applied Superconductivity, 2003, 13, 948-951.	1.1	4
54	Intrinsic Tunneling Spectra ofBi2(Sr2â˜xLax)CuO6+Îˊ. Physical Review Letters, 2003, 90, 147005.	2.9	61

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55	Comparison of cryogenic filters for use in single electronics experiments. Review of Scientific Instruments, 2003, 74, 1323-1327.	0.6	53
56	Degradation of the dielectric permittivity of a strongly oriented Ba0.25Sr0.75TiO3 layer by replacing a SrRuO3 electrode with an Ag one. Applied Physics Letters, 2002, 80, 4603-4605.	1.5	8
57	c-Axis oriented epitaxial Ba0.25Sr0.75TiO3 films display Curieâ€“Weiss behavior. Physica B: Condensed Matter, 2002, 311, 250-262.	1.3	14
58	Tunnel barriers for an all-high-Tc single electron tunneling transistor. Physica C: Superconductivity and Its Applications, 2002, 368, 337-342.	0.6	1
59	Antenna coupled planar arrays of Josephson junctions. Physica C: Superconductivity and Its Applications, 2002, 372-376, 355-359.	0.6	3
60	Submicron YBCO Josephson junctions on sapphire bicrystal substrates for microwave devices. Physica C: Superconductivity and Its Applications, 2002, 372-376, 76-79.	0.6	4
61	Similarities between single charge and Josephson effects and devices. A fast and sensitive radio frequency single electron transistor. Materials Science and Engineering C, 2002, 19, 333-337.	3.8	1
62	Dielectric response of Ba0.75Sr0.25TiO3 epitaxial films to electric field and temperature. Physics of the Solid State, 2002, 44, 2157-2164.	0.2	3
63	Microstructure and dielectric parameters of epitaxial SrRuO3/BaTiO3/SrRuO3 heterostructures. Journal of Applied Physics, 2001, 89, 5053-5059.	1.1	24
64	Intrinsic tunneling in high-Tc Bi2212 crystals supports a coexistence of superconducting and pseudo-gaps. Physica C: Superconductivity and Its Applications, 2001, 352, 89-94.	0.6	7
65	Pseudogap features of intrinsic tunneling in Bi2212 single crystals. Physica C: Superconductivity and Its Applications, 2001, 362, 286-289.	0.6	10
66	Impact of granularity on transport properties of mechanically stressed La0.67Ca0.33MnO3 films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 79, 133-139.	1.7	8
67	Intrinsic Josephson tunneling for basic studies of high-temperature superconductors. Current Applied Physics, 2001, 1, 413-417.	1.1	1
68	Permittivity of BaTiO3 epitaxial films grown on the YBa2Cu3O7â˜Î˙(001) surface. Physics of the Solid State, 2001, 43, 337-344.	0.2	5
69	Symmetrical high-T c superconducting bicrystal Josephson junctions: Dependence of the electrical properties on the misorientation angle. Physics of the Solid State, 2001, 43, 602-608.	0.2	1
70	Dielectric permittivity dynamics of Ba1â˜x SrxTiO3 epitaxial films (x=0.75): Microstructure and depolarization effects. Physics of the Solid State, 2001, 43, 2267-2275.	0.2	4
71	A sensitive and fast radio frequency single-electron transistor. Nanotechnology, 2001, 12, 96-99.	1.3	10
72	A fast, primary Coulomb blockade thermometer. Applied Physics Letters, 2001, 78, 1264-1266.	1.5	16

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73	Impact of domain wall displacements on the dielectric permittivity of epitaxial Ba0.5Sr0.5TiO3 films. Applied Physics Letters, 2001, 79, 2052-2054.	1.5	11
74	Nonlinear dielectric response of c- and a-axis oriented epitaxial (Ba,Sr)TiO3 layers between metallic oxide electrodes. European Physical Journal Special Topics, 2001, 11, Pr11-59-Pr11-64.	0.2	0
75	Anomalous Coulomb blockade in nanoconstricted quench-condensed Bi films. Physica B: Condensed Matter, 2000, 280, 401-402.	1.3	0
76	A two-dimensional array of tunnel junctions used for Coulomb blockade thermometry. Physica B: Condensed Matter, 2000, 284-288, 1788-1789.	1.3	0
77	Dielectric response of epitaxial (100)SrTiO3 films between electrodes of SrRuO3 or high-Tc superconducting YBa2Cu3O7â˜Î´. Physica C: Superconductivity and Its Applications, 2000, 336, 300-311.	0.6	15
78	Intrinsic Josephson junctions for studies of high-Tc superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2277-2280.	0.6	3
79	Flux flow effects induced by a control current in a four terminal Josephson device. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1581-1584.	0.6	0
80	Flux distributions of an artificially granular YBa2Cu3O7â˜Î´ thin film observed using magneto-optic imaging. Physica C: Superconductivity and Its Applications, 2000, 331, 113-126.	0.6	2
81	Transport parameters of granular La0.67Ca0.33MnO3 films grown on an R-plane sapphire. Physics of the Solid State, 2000, 42, 2103-2108.	0.2	0
82	Spontaneous Shape Distortion in Quench-Condensed Bismuth Clusters below 8 K. Physical Review Letters, 2000, 84, 5836-5839.	2.9	3
83	Flux flow in YBa2Cu3O7â˜Î´ grain-boundary Josephson junctions with a four-terminal configuration. Applied Physics Letters, 2000, 76, 2591-2593.	1.5	4
84	Evidence for Coexistence of the Superconducting Gap and the Pseudogap in Bi-2212 from Intrinsic Tunneling Spectroscopy. Physical Review Letters, 2000, 84, 5860-5863.	2.9	306
85	Impact of microstructure on the tunability of the permittivity and the conductance of the Ba0.25Sr0.75TiO3layer in superconductor/ferroelectric epitaxial heterostructures. Superconductor Science and Technology, 1999, 12, 654-662.	1.8	16
86	Flux penetration into an artificially granular high-Tcsuperconductor. Physical Review B, 1999, 59, 12114-12120.	1.1	25
87	Coulomb blockade thermometry using a two-dimensional array of tunnel junctions. Journal of Applied Physics, 1999, 86, 3844-3847.	1.1	17
88	Gain dependence of the noise in the single electron transistor. Journal of Applied Physics, 1999, 86, 2132-2136.	1.1	40
89	A variable temperature scanning SQUID microscope. IEEE Transactions on Applied Superconductivity, 1999, 9, 4115-4118.	1.1	13
90	Ten-fold tunability of the permittivity of Ba/sub 1-x/Sr/sub x/TiO/sub 3/ in epitaxial multilayers with (Y/Nd)Ba/sub 2/Cu/sub 3/O/sub 7-Î´/. IEEE Transactions on Applied Superconductivity, 1999, 9, 4193-4196.	1.1	1

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91	Submillimeter-wave mixing and noise in HTS Josephson junctions. IEEE Transactions on Applied Superconductivity, 1999, 9, 3761-3764.	1.1	7
92	Bi2Sr2CaCu2O8+Î´intrinsic Josephson junctions in a magnetic field. Physical Review B, 1999, 59, 7196-7204.	1.1	46
93	Partial filling of columnar defects by vortices as seen in measurements of thec-axis critical current ofBi2Sr2CaCu2O8+Î´. Physical Review B, 1999, 60, 12480-12484.	1.1	11
94	Interlayer Coupling and Superconducting Critical Temperature ofBi2Sr1.5La0.5CuO6+Î´andBi2Sr2CaCu2O8+Î´: Incommensurate Effects of Pressure. Physical Review Letters, 1999, 82, 3148-3151.	2.9	18
95	Low-energy quasiparticle transport through Andreev levels. Physical Review B, 1999, 60, 14589-14592.	1.1	5
96	Quasiparticle injection into YBCO four terminal Josephson devices. IEEE Transactions on Applied Superconductivity, 1999, 9, 3652-3655.	1.1	3
97	Noise measurements of single electron transistors using a transimpedance amplifier. Applied Superconductivity, 1999, 6, 837-841.	0.5	6
98	Temperature and electric field dependence of the permittivity of Ba0.9Sr0.1TiO3 films epitaxially grown on cuprate electrodes. Physica B: Condensed Matter, 1999, 262, 104-111.	1.3	5
99	Fabrication and properties of high-Tc ramp junctions with manganite barriers. Physica C: Superconductivity and Its Applications, 1999, 326-327, 79-82.	0.6	10
100	Single flux quantum comparators for HTS AD converters. Physica C: Superconductivity and Its Applications, 1999, 326-327, 83-92.	0.6	3
101	Fluxon modes in stacked HTSC intrinsic Josephson junctions. Applied Superconductivity, 1999, 6, 777-782.	0.5	2
102	Epitaxial combination of NdBa2Cu3O7â¯Î´ /SrTiO3: growth characteristics, structure, and parameters. Physics of the Solid State, 1999, 41, 355-361.	0.2	1
103	Normal-metal hot-electron bolometer with Andreev reflection from superconductor boundaries. Journal of Experimental and Theoretical Physics, 1999, 88, 598-602.	0.2	6
104	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1211-1215.	0.6	1
105	High-Tc Ramp-Type Josephson Junctions for Rapid Single Flux Quantum Circuits. Journal of Low Temperature Physics, 1999, 117, 587-591.	0.6	1
106	Title is missing!. Journal of Superconductivity and Novel Magnetism, 1999, 12, 741-746.	0.5	3
107	Bias and temperature dependence of the noise in a single electron transistor. European Physical Journal B, 1999, 8, 627-633.	0.6	7
108	On the concept of a normal metal hot-electron microbolometer for space applications. IEEE Transactions on Applied Superconductivity, 1999, 9, 3186-3189.	1.1	17

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109	Superconducting films and devices. Current Opinion in Solid State and Materials Science, 1999, 4, 45-52.	5.6	1
110	PSEUDO-GAP FEATURES OF INTRINSIC TUNNELING IN (HgBr2)-Bi2212 SINGLE CRYSTALS. International Journal of Modern Physics B, 1999, 13, 3758-3763.	1.0	55
111	Low Magnetic Field Response of 2d-Array of Weakly Coupled Ferromagnets. Materials Research Society Symposia Proceedings, 1999, 574, 323.	0.1	0
112	Permittivity and Microstructure of (Ba,Sr)TiO3 Films: Temperature and Electric Field Response. Materials Research Society Symposia Proceedings, 1999, 603, 233.	0.1	1
113	Magneto-optic imaging of flux penetration into an artificially granular high-T c superconductor. , 1999, , 693-696.		1
114	YBa2Cu3O7âˆ'Î´ /CeO2 heterostructures on sapphire R-plane. Physics of the Solid State, 1998, 40, 183-186.	0.2	4
115	Phase-sensitive reentrance into the normal state of mesoscopic SNS structures. JETP Letters, 1998, 67, 513-520.	0.4	13
116	Subharmonic Shapiro steps and noise in high-T c superconductor Josephson junctions. JETP Letters, 1998, 68, 454-459.	0.4	14
117	The influence of the top and the bottom grain boundaries on the current transport in YBa2Cu3O7-Î´ step-edge Josephson junction. Applied Superconductivity, 1998, 6, 437-443.	0.5	5
118	Modelling the Anomalous Low Field Peak Position in Bi-2223 Tapes. Physica Status Solidi A, 1998, 167, R1-R2.	1.7	4
119	Microstructure of yttrium stabilized ZrO2 crystals with CeO2 and SrTiO3 intermediate layers. Thin Solid Films, 1998, 333, 207-212.	0.8	4
120	Fabrication and investigation of YBa2Cu3O7âˆ'Î´/Ba0.05Sr0.95TiO3 thin film structures for voltage tunable devices. Physica C: Superconductivity and Its Applications, 1998, 308, 279-288.	0.6	27
121	Transport and structural properties of the top and bottom grain boundaries in YBa2Cu3O7âˆ'Î´ step-edge Josephson junctions. Applied Physics Letters, 1998, 72, 249-251.	1.5	13
122	Phase-periodic proximity-effect compensation in symmetric normal/superconducting mesoscopic structures. Physical Review B, 1998, 58, 15088-15093.	1.1	21
123	Effect of the electromagnetic environment on Coulomb blockade devices: Model, experiments, and method of analysis. Physical Review B, 1998, 57, 2375-2381.	1.1	22
124	Multiple-valuedc-axis critical current and phase locking inBi2Sr2CaCu2O8+Î´single crystals. Physical Review B, 1998, 57, R8135-R8138.	1.1	49
125	Coulombâ€‰blockadeâ€‰effectsâ€‰atâ€‰roomâ€‰temperatureâ€‰inâ€‰thin-film nanoconstrictions fabricated by a novel technique. Applied Physics Letters, 1998, 73, 3604-3606.	1.5	26
126	Highly anisotropic supercurrent transport inYBa2Cu3O7âˆ'Î´bicrystal Josephson junctions. Physical Review B, 1998, 57, 602-607.	1.1	31

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127	Andreev-reflection-based normal-metal hot electron bolometer for space applications. , 1998, 3465, 441.		6
128	Modelling the Anomalous Low Field Peak Position in Bi-2223 Tapes. Physica Status Solidi A, 1998, 167, R1-R2.	1.7	1
129	In situcontrolled fabrication of stacks of high-Tc intrinsic Josephson junctions. Applied Physics Letters, 1997, 70, 1760-1762.	1.5	57
130	Single flux quantum elements based on a single-layer of a high-T/sub c/ superconductor. IEEE Transactions on Applied Superconductivity, 1997, 7, 3176-3180.	1.1	7
131	CeO2compatibility withYBa2Cu3O7â˜Î˚in superconducting-film multilayers. Physical Review B, 1997, 56, 11312-11319.	1.1	31
132	Grain boundary evolution of YBa2Cu3O7â˜Î´ in the vicinity of steps on patterned (001) LaAlO3 substrates. Applied Physics Letters, 1997, 70, 2903-2905.	1.5	6
133	High tunability of the permittivity of YBa2Cu3O7â˜â‚,/SrTiO3 heterostructures on sapphire substrates. Journal of Applied Physics, 1997, 81, 3232-3236.	1.1	46
134	High-resolution electron microscopy of ZnO grain boundaries in bicrystals obtained by the solid-phase intergrowth process. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1997, 76, 633-655.	0.8	42
135	Josephson flux-flow resonances and transistors based on YBa/sub 2/Cu/sub 3/O/sub 7/ step edge junctions. IEEE Transactions on Applied Superconductivity, 1997, 7, 2623-2626.	1.1	3
136	Tl/sub 2/Ba/sub 2/CaCu/sub 2/O/sub 8/ films: Growth and applications in dc SQUIDs and microwave devices. IEEE Transactions on Applied Superconductivity, 1997, 7, 2498-2501.	1.1	4
137	An X-band HEMT microwave oscillator stabilized with a superconducting resonator. Superconductor Science and Technology, 1997, 10, 71-73.	1.8	2
138	Electromagnetic radiation induced current steps in biepitaxial Josephson junctions. Superconductor Science and Technology, 1997, 10, 801-806.	1.8	4
139	Relationship between the Out-Of-Plane Resistance and the Subgap Resistance of Intrinsic Josephson Junctions inBi2Sr2CaCu2O8+Î´. Physical Review Letters, 1997, 79, 5122-5125.	2.9	55
140	Nucleation and growth of YBa2Cu3O7â˜Î´ on wavy step edges in (001) LaAiO3. Journal of Alloys and Compounds, 1997, 251, 19-22.	2.8	6
141	Superconductor/ferroelectric epitaxial heterostructures for tunable microwave devices. Physics of the Solid State, 1997, 39, 195-199.	0.2	1
142	Weak-link bi-epitaxial Josephson junctions in a YBa2Cu3O7â˜Î´ film on BaZrO3/CeO2/SrTiO3. Physics of the Solid State, 1997, 39, 1542-1547.	0.2	1
143	C-oriented SrBi2Nb2O9 films grown on YBa2Cu3O7â˜Î´ /SrTiO3 and NdGaO3. Physics of the Solid State, 1997, 39, 598-601.	0.2	2
144	Epitaxial ferroelectric/superconductor heterostructures. Physica C: Superconductivity and Its Applications, 1997, 282-287, 111-114.	0.6	14

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145	Differences in the nucleation rate of YBa2Cu3O7-Î´ on patterned (001) LaAlO3 substrates. Physica C: Superconductivity and Its Applications, 1997, 282-287, 623-624.	0.6	0
146	Properties of Tl-2201 thin films. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1075-1076.	0.6	3
147	C-axis magnetoresistance of a few atomic surface layers of the Bi:2212 single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2293-2294.	0.6	2
148	The c-axis gap parameter and resistivity of an individual intrinsic tunnel junction in Bi-2212 single crystals. Physica C: Superconductivity and Its Applications, 1997, 293, 181-185.	0.6	1
149	Two Fundamental Results from Low-Temperature Experiments with One-Dimensional Arrays of Ultrasmall Tunnel Junctions. Advanced Series in Applied Physics, 1997, , 321-328.	0.0	0
150	Submillimeter wave response and noise in HTS Josephson junctions. Proceedings of SPIE, 1996, , .	0.8	0
151	Gap and sub-gap stuctures of intrinsic Josephson tunnel junctions in Bi 2 Sr 2 CaCu 2 O 8+x single crystals. , 1996, , .		23
152	Peak in the temperature dependence of the c-axis Josephson current in Bi2Sr2CaCu2O8+x intrinsic Josephson junctions. European Physical Journal D, 1996, 46, 1273-1274.	0.4	3
153	Intrinsic Josephson junctions in Bi2Sr2CaCu2O8+Î´ single crystals. European Physical Journal D, 1996, 46, 1293-1294.	0.4	1
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