

Akihito Sawa

List of Publications by Year in descending order

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papers

6,794
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134
docs citations

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times ranked

6583
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitaxial growth and polarized Raman scattering of niobium dioxide films. AIP Advances, 2022, 12, .	0.6	2
2	Ferroelectrics field modulation imaging: A useful technique for domain and domain-wall observations. Ferroelectrics, 2020, 556, 37-43.	0.3	2
3	Switching dynamics of silicon waveguide optical modulator driven by photothermally induced metal-insulator transition of vanadium dioxide cladding layer. Optics Express, 2020, 28, 37188.	1.7	12
4	Field-Modulation Imaging of Ferroelectric Domains in Molecular Single-Crystal Films. Physical Review Applied, 2019, 11, .	1.5	12
5	Phase transformation behavior of ultrathin $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ films investigated through wide range annealing experiments. Japanese Journal of Applied Physics, 2019, 58, SBBA07.	0.8	38
6	Spike-shape dependence of the spike-timing dependent synaptic plasticity in ferroelectric-tunnel-junction synapses. Scientific Reports, 2019, 9, 17740.	1.6	17
7	Silicon waveguide optical modulator driven by metal-insulator transition of vanadium dioxide cladding layer. Optics Express, 2019, 27, 4147.	1.7	31
8	Electronic phase diagram of half-doped perovskite manganites on the plane of quenched disorder versus one-electron bandwidth. Physical Review B, 2018, 97, .	1.1	9
9	Polarization switching behavior of HfZrO ferroelectric ultrathin films studied through coercive field characteristics. Japanese Journal of Applied Physics, 2018, 57, 04FB01.	0.8	79
10	Probing ultrafast spin-relaxation and precession dynamics in a cuprate Mott insulator with seven-femtosecond optical pulses. Nature Communications, 2018, 9, 3948.	5.8	18
11	Magnetotransport Properties of $\text{Eu}_{1-x}\text{La}_x\text{TiO}_3$ ($0 \leq x \leq 0.07$) Single Crystals. Journal of the Physical Society of Japan, 2018, 87, 094716.	0.7	5
12	Growth and ferroelectric properties of yttrium-doped hafnium oxide/indium-tin oxide polycrystalline heterostructures with sharp and uniform interfaces. Journal of Applied Physics, 2018, 124, .	1.1	5
13	Thickness-independent behavior of coercive field in HfO_2 -based ferroelectrics. , 2017, , .		6
14	Polarized Raman scattering of epitaxial vanadium dioxide films with low-temperature monoclinic phase. Journal of Applied Physics, 2017, 122, .	1.1	22
15	STDP synapse with outstanding stability based on a novel insulator-to-metal transition FET. , 2017, , .		4
16	Coherent Epitaxy of a Ferroelectric Heterostructure on a Trilayered Buffer for Integration into Silicon. Advanced Electronic Materials, 2016, 2, 1500334.	2.6	8
17	Chromium-insulator co-doped vanadium dioxide films: Large temperature coefficient of resistance and practically no thermal hysteresis of the metal-insulator transition. AIP Advances, 2016, 6, 055012.	0.6	19
18	Intrinsic carrier scattering mechanism in anatase TiO_2 investigated by ultraviolet-pump terahertz-probe spectroscopy. Physical Review B, 2016, 94, .	1.1	2

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19	Modulation of Metal-Insulator Transition in VO ₂ by Electrolyte Gating-Induced Protonation. <i>Advanced Electronic Materials</i> , 2016, 2, 1500131.	2.6	61
20	Electrolyte Gating on Oxygen-Deficient VO ₂ Thin Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2016, 11, 571-574.	0.1	0
21	Magnetic and electronic states in LaMnO ₃ /SrMnO ₃ superlattice exhibiting a large negative magnetoresistance. <i>Physical Review B</i> , 2015, 92, .	3.1	16
22	Optimization of conditions for growth of vanadium dioxide thin films on silicon by pulsed-laser deposition. <i>AIP Advances</i> , 2015, 5, .	0.6	36
23	Ca doping dependence of resistive switching characteristics in ferroelectric capacitors comprising Ca-doped BiFeO ₃ . <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	11
24	Evolutions of Metallic Ferromagnetism and Magnetotransport Properties of La _{1-x} Ba _x MnO ₃ Single Crystals with 0 ≤ x ≤ 0.5. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 024703.	0.7	6
25	Epitaxial growth of high quality La ₂ CuO ₄ film on LaSrAlO ₄ substrate with introduction of ultrathin amorphous layer of La ₂ CuO ₄ . <i>Journal of Crystal Growth</i> , 2015, 425, 230-233.	0.7	0
26	Strong Surface Termination Effect on Electroresistance in Ferroelectric Tunnel Junctions. <i>Advanced Functional Materials</i> , 2015, 25, 2708-2714.	7.8	44
27	High temperature coefficient of resistance of low-temperature-grown VO ₂ films on TiO ₂ -buffered SiO ₂ /Si (100) substrates. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	13
28	Ultrafast charge and lattice dynamics in one-dimensional Mott insulator of CuO-chain compound by femtosecond absorption spectroscopy. <i>Physical Review B</i> , 2015, 91, .	1.1	14
29	Correlation between thermal hysteresis width and broadening of metal-insulator transition in Cr- and Nb-doped VO ₂ films. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 071102.	0.8	64
30	Resistive switching characteristics in dielectric/ferroelectric composite devices improved by post-thermal annealing at relatively low temperature. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	6
31	Modeling of hysteretic Schottky diode-like conduction in Pt/BiFeO ₃ /SrRuO ₃ switches. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	13
32	Epitaxial growth and structural transition of VO ₂ /MgF ₂ (001). <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FF03.	0.8	5
33	Magnetic and electronic properties of (LaMnO ₃) ₅ (SrMnO ₃) ₅ superlattice revealed by resonant soft X-ray scattering. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FH07.	0.8	3
34	Photocarrier dynamics in anatase TiO ₂ investigated by pump-probe absorption spectroscopy. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	24
35	Neutron magnetic scattering study in manganite thin film system. <i>Solid State Communications</i> , 2014, 185, 18-20.	0.9	5
36	Thickness-dependent ferromagnetic metal to paramagnetic insulator transition in La _{0.6} Sr _{0.4} Physic	1.1	22

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37	Construction of a soft X-ray diffractometer with a 7.5-T superconducting magnet. Journal of Physics: Conference Series, 2014, 502, 012016.	0.3	3
38	Resistive switching artificially induced in a dielectric/ferroelectric composite diode. Applied Physics Letters, 2013, 103, .	1.5	51
39	Electrolyte-Gated SmCoO ₃ Thin-Film Transistors Exhibiting Thickness-Dependent Large Switching Ratio at Room Temperature. Advanced Materials, 2013, 25, 2158-2161.	11.1	24
40	Phase diagram of Ca ^{1-x} Ce _x MnO ₃ thin films studied by X-ray magnetic circular dichroism. Solid State Communications, 2013, 174, 30-33.	0.9	0
41	Fabrication and Raman scattering study of epitaxial VO ₂ films on MgF ₂ (001) substrates. Applied Physics Letters, 2013, 103, .	1.5	49
42	Multilevel recording in Bi-deficient Pt/BFO/SRO heterostructures based on ferroelectric resistive switching targeting high-density information storage in nonvolatile memories. Applied Physics Letters, 2013, 103, .	1.5	20
43	Role of doped Ru in coercivity-enhanced La _{0.6} Sr _{0.4} MnO ₃ thin film studied by x-ray magnetic circular dichroism. Applied Physics Letters, 2013, 102, .	1.5	21
44	Fermi level shift in La _{2-x} Sr _x CuO ₄ probed by heteroepitaxial junctions with Nb-doped SrTiO ₃ . Applied Physics Letters, 2013, 102, .	1.5	7
45	Resistive Switching Memory Based on Ferroelectric Polarization Reversal at Schottky-like BiFeO ₃ Interfaces. Materials Research Society Symposia Proceedings, 2012, 1430, 31.	0.1	3
46	Phase diagrams of strained Ca ^{1-x} Ce _x MnO ₃ films. Journal of Applied Physics, 2012, 112, .	1.1	15
47	Impact of Bi Deficiencies on Ferroelectric Resistive Switching Characteristics Observed at p-Type Schottky-Like Pt/Bi _{1-x} FeO ₃ Interfaces. Advanced Functional Materials, 2012, 22, 140-147.	7.8	173
48	Photo-induced transition from Mott insulator to metal in the undoped cuprates Nd _{2-x} CuO ₄ Strain-Mediated Phase Control and Electrolyte-Gating of Electron-Doped Manganites. Advanced Materials, 2011, 23, 5822-5827.	1.1	101
49	Suppression of Precipitates in the La _{2-x} Sr _x CuO ₄ Films Grown on LaSrAlO ₄ Substrates by Introducing Homoepitaxial Layer. Japanese Journal of Applied Physics, 2011, 50, 093101.	11.1	55
50	Discrimination between photodoping and heat-induced magnetization changes in Nd _{2-x} CuO ₄ Interface band profiles of Mott-insulator/Nb:SrTiO ₃ heterojunctions as investigated by optical spectroscopy. Physical Review B, 2010, 82, .	0.8	3
51	Discrimination between photodoping and heat-induced magnetization changes in Nd _{2-x} CuO ₄ Interface band profiles of Mott-insulator/Nb:SrTiO ₃ heterojunctions as investigated by optical spectroscopy. Physical Review B, 2010, 82, .	1.1	4
52	Discrimination between photodoping and heat-induced magnetization changes in Nd _{2-x} CuO ₄ Interface band profiles of Mott-insulator/Nb:SrTiO ₃ heterojunctions as investigated by optical spectroscopy. Physical Review B, 2010, 82, .	1.1	4
53	Discrimination between photodoping and heat-induced magnetization changes in Nd _{2-x} CuO ₄ Interface band profiles of Mott-insulator/Nb:SrTiO ₃ heterojunctions as investigated by optical spectroscopy. Physical Review B, 2010, 82, .	1.1	44
54	Tuning of the metal-insulator transition in electrolyte-gated NdNiO ₃ thin films. Applied Physics Letters, 2010, 97, .	1.5	102

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55	Colossal magnetoresistance accompanied with magnetorelaxor behavior in phase-separated Ca _{1-x} CexMnO ₃ thin films and CaMnO ₃ /Ca _{0.92} Ce _{0.08} MnO ₃ superlattices. Journal of Applied Physics, 2010, 107, 063717.	1.1	5
56	Ultrafast charge dynamics in photoexcited Nd ₂ CuO ₇ superlattices. Physical Review B, 2010, 81, .	1.1	95
57	Phase evolution and critical behavior in strain-tuned LaMnO ₃ /Pr _{1-x} MnxFeO ₃ superlattices. Physical Review B, 2010, 81, .	1.1	32
58	Room temperature Mott metal-insulator transition and its systematic control in Sm _{1-x} CaxNiO ₃ thin films. Applied Physics Letters, 2010, 97, .	1.5	29
59	Direct Imaging of Local Spin Orientation within Artificial Nanomagnets. Applied Physics Express, 2010, 3, 063001.	1.1	4
60	Strain-controlled electronic properties and magnetorelaxor behaviors in electron-doped CaMnO ₃ thin films. Applied Physics Letters, 2009, 94, 062109.	1.5	15
61	Relationship between resistive switching characteristics and band diagrams of Ti ₂ Pr ₂ Te ₂ O ₁₀ junctions. Physical Review B, 2009, 80, .	1.1	110
62	Resistive switching in transition metal oxides. Materials Today, 2008, 11, 28-36.	8.3	2,569
63	Magnetic field tuning of interface electronic properties in manganite-titanate junctions. Applied Physics Letters, 2008, 92, 122104.	1.5	18
64	Optical probe of electrostatic-doping in ann-type Mott insulator. Physical Review B, 2007, 75, .	1.1	23
65	Electrical properties of oxide heteroepitaxial p-n junctions: La _{1-x} SrxFeO ₃ -SrTi _{0.99} Nb _{0.01} O ₃ . Applied Physics Letters, 2007, 90, 112104.	1.5	16
66	Electrical properties and colossal electroresistance of heteroepitaxial SrRuO ₃ -SrTi _{1-x} NbxO ₃ (0.0002 ≤ x ≤ 0.02) Schottky junctions. Physical Review B, 2007, 75, .	1.1	196
67	Fermi level shift in La _{1-x} SrxMO ₃ (M=Mn, Fe, Co, and Ni) probed by Schottky-like heteroepitaxial junctions with SrTi _{0.99} Nb _{0.01} O ₃ . Applied Physics Letters, 2007, 90, 252102.	1.5	46
68	Interface resistance switching at a few nanometer thick perovskite manganite active layers. Applied Physics Letters, 2006, 88, 232112.	1.5	218
69	Colossal electroresistance effect at metal electrode/La _{1-x} Sr _{1+x} MnO ₄ interfaces. Applied Physics Letters, 2006, 88, 223507.	1.5	41
70	Colossal Electro-Resistance Memory Effect at Metal/La ₂ CuO ₄ Interfaces. Japanese Journal of Applied Physics, 2005, 44, L1241-L1243.	0.8	32
71	Hysteretic current-voltage characteristics and resistance switching at an epitaxial oxide Schottky junction SrRuO ₃ -SrTi _{0.99} Nb _{0.01} O ₃ . Applied Physics Letters, 2005, 86, 012107.	1.5	329
72	Highly rectifying Pr _{0.7} Ca _{0.3} MnO ₃ -SrTi _{0.9998} Nb _{0.0002} O ₃ p-n junction. Applied Physics Letters, 2005, 86, 112508.	1.5	83

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73	Precipitate-free films of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ grown on the substrates with artificial step edges. Applied Physics Letters, 2004, 85, 3800-3802.	1.5	9
74	Third-order nonlinear susceptibility spectra of CuO chain compounds investigated by the Z-scan method. Physical Review B, 2004, 70, .	1.1	32
75	Anomalous magnetic-field tunneling of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ junctions: Possible detection of non-Fermi-liquid states. Physical Review B, 2004, 70, .	1.1	24
76	Influence of the doping concentration of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ drain-source channels on the properties of superconducting field-effect devices. Annalen Der Physik, 2004, 13, 66-67.	0.9	1
77	Unusual current-voltage characteristics of single crystalline and bicrystalline $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ films. Annalen Der Physik, 2004, 13, 595-599.	0.9	1
78	Hysteretic current-voltage characteristics and resistance switching at a rectifying $\text{Ti}/\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ interface. Applied Physics Letters, 2004, 85, 4073-4075.	1.5	722
79	Mesoscopic effect observed in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}/\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ tunnel junctions. Physica B: Condensed Matter, 2003, 329-333, 1348-1349.	1.3	1
80	Microwave surface resistance of under doped Co substituted YBCO films. Physica C: Superconductivity and Its Applications, 2003, 400, 65-70.	0.6	4
81	Inverse tunnel magnetoresistance in all-perovskite junctions of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{SrTiO}_3/\text{SrRuO}_3$. Physical Review B, 2003, 67, .	1.1	94
82	Large Optical Nonlinearity in 1D and 2D Cuprates Investigated by Third Harmonic Generation Spectroscopy. Synthetic Metals, 2003, 135-136, 313-314.	2.1	2
83	Tunneling Magnetoresistance above Room Temperature in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{SrTiO}_3/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ junctions. Japanese Journal of Applied Physics, 2003, 42, L369-L372.	0.8	44
84	Third-order nonlinear optical spectroscopy in the two-dimensional cuprates Nd_2CuO_4 and La_2CuO_4 . Physical Review B, 2003, 68, .	1.1	10
85	Influence of the doping concentration of $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ drain-source channels on the properties of superconducting field-effect devices. Applied Physics Letters, 2003, 83, 3528-3530.	1.5	15
86	Observation of phase-coherent transport in d-wave junctions. Physical Review B, 2003, 68, .	1.1	13
87	Electron-doped superconductor $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$: Preparation of thin films and modified doping range for superconductivity. Physical Review B, 2002, 66, .	1.1	56
88	Far-infrared optical conductivity of Nb_{1-x}Cx thin films. Physica C: Superconductivity and Its Applications, 2002, 367, 337-342.	0.6	2
89	Effect of laser fluence on outgrowth formation and interfacial reaction in YBCO/ $\text{CeO}_2/\text{Al}_2\text{O}_3$ films. Physica C: Superconductivity and Its Applications, 2002, 372-376, 642-648.	0.6	3
90	Flux pinning effects of twin boundaries studied with unidirectionally twinned YBCO films. Physica C: Superconductivity and Its Applications, 2002, 372-376, 1885-1889.	0.6	12

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91	Anisotropic pairing symmetry in Nd _{2-x} Ce _x CuO ₄ . Physica C: Superconductivity and Its Applications, 2002, 378-381, 173-177.	0.6	0
92	Mesoscopic effect observed in strong correlated electron materials. Physica C: Superconductivity and Its Applications, 2002, 378-381, 364-367.	0.6	2
93	Superconducting and transport properties of the underdoped Nd _{2-x} Ce _x CuO _{4-y} thin films. Physica C: Superconductivity and Its Applications, 2002, 378-381, 386-389.	0.6	4
94	Reduction of microwave surface resistance of YBa ₂ Cu ₃ O _y films by overdoping. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1419-1423.	0.6	5
95	Longitudinal and transverse magnetizations in micron-thick Y-Ba-Cu-O films in nearly parallel magnetic fields. IEEE Transactions on Applied Superconductivity, 2001, 11, 3465-3468.	1.1	0
96	Far-infrared optical conductivity of Nd _{2-x} Ce _x CuO ₄ thin films. Physica C: Superconductivity and Its Applications, 2001, 357-360, 112-116.	0.6	0
97	Magnetic-field dependence of tunneling conductance spectra of La _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O _{7-δ} junctions in ultra-low temperatures. Physica C: Superconductivity and Its Applications, 2001, 357-360, 294-297.	0.6	2
98	On the origin of surface outgrowths in pulsed-laser-deposited YBCO/CeO ₂ /Al ₂ O ₃ thin films. Physica C: Superconductivity and Its Applications, 2001, 361, 121-129.	0.6	29
99	Microstructure of YBa ₂ Cu ₃ O _{7-δ} films on CeO ₂ -buffered Al ₂ O ₃ . Physica C: Superconductivity and Its Applications, 2001, 357-360, 1353-1357.	0.6	8
100	Precise surface resistance measurements of YBa ₂ Cu ₃ O _y films with the dielectric resonator method. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1511-1515.	0.6	12
101	Scanning tunneling spectroscopy of YBa ₂ Cu ₃ O _{7-δ} thin film treated with an atomic oxygen beam. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1576-1579.	0.6	3
102	Size dependence and mesoscopic effect of YBa ₂ Cu ₃ O _{7-δ} /La _{0.67} Sr _{0.33} MnO ₃ junctions. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1610-1613.	0.6	7
103	Hysteresis losses in thick YBCO films: a linear componential analysis of magnetization in nearly parallel magnetic fields. Cryogenics, 2001, 41, 69-75.	0.9	4
104	Anisotropic Optical Conductivity of Nd _{2-x} Ce _x CuO ₄ Thin Films. Journal of the Physical Society of Japan, 2001, 70, 2833-2835.	0.7	6
105	Precision and accuracy of surface resistance measurement with the dielectric resonator method. IEEE Transactions on Applied Superconductivity, 2001, 11, 3074-3077.	1.1	1
106	Microwave surface resistance of YBa ₂ Cu ₃ O _y films covered by overdoped Y _{1-x} Ca _x Ba ₂ Cu ₃ O _y layers. Applied Physics Letters, 2001, 78, 646-648.	1.5	14
107	Spin-dependent transport in La _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O _{7-δ} junctions. Physica B: Condensed Matter, 2000, 284-288, 493-494.	1.3	9
108	Angular dependence of hysteretic magnetization in micron-thick YBCO films. Physica C: Superconductivity and Its Applications, 2000, 335, 175-178.	0.6	1

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109	Spin-polarized tunneling of La _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O _{7-δ} junctions. Physica C: Superconductivity and Its Applications, 2000, 339, 287-297.	0.6	41
110	Hysteretic magnetization in micron-thick YBa ₂ Cu ₃ O _{7-δ} films in nearly parallel magnetic fields. Physical Review B, 2000, 62, 14452-14460.	1.1	4
111	In-plane magnetization and hysteresis losses in YBCO thick films. IEEE Transactions on Applied Superconductivity, 1999, 9, 1986-1989.	1.1	5
112	Thickness dependence of the vortex-glass transition and critical scaling of current-voltage characteristics in YBa ₂ Cu ₃ O _{7-δ} thin films. Physical Review B, 1998, 58, 2868-2877.	1.1	34
113	Hall Anomaly in the Superconducting State of High-Tc Cuprates: Universality in Doping Dependence. Physical Review Letters, 1998, 80, 3594-3597.	2.9	147
114	Field-sweep rate dependence of magnetization and current-voltage characteristics in superconducting disks. Applied Physics Letters, 1997, 70, 2300-2302.	1.5	27
115	Synthesis of in-plane aligned, a-axis oriented RBa ₂ Cu ₃ O _{7-δ} (R = Y, Nd) films on LaSrGaO ₄ substrates with Gd ₂ CuO ₄ /PrBa ₂ Cu ₃ O _{7-δ} buffer layers. Physica C: Superconductivity and Its Applications, 1997, 282-287, 607-608.	0.6	0
116	Thickness dependence of vortex-glass transition in YBa ₂ Cu ₃ O _{7-δ} thin films. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2071-2072.	0.6	9
117	Field sweep rate dependence of magnetization and E _c characteristics in YBa ₂ Cu ₃ O ₇ films. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2255-2256.	0.6	4
118	Effect of thickness reduction on vortex-glass transition temperature in YBa ₂ Cu ₃ O _{7-δ} thin films. , 1996, , .		0
119	Transport properties of a and c axis oriented (Y _{1-x} Cax)Ba ₂ Cu ₃ O _y thin films. European Physical Journal D, 1996, 46, 1749-1750.	0.4	0
120	Critical state of YBa ₂ Cu ₃ O _y disc in perpendicular fields. Physica C: Superconductivity and Its Applications, 1996, 258, 121-128.	0.6	17
121	Antiferromagnetic long-range order caused by nonmagnetic impurities; magnetization of single-crystal Cu _{1-x} ZnxGeO ₃ . Physica B: Condensed Matter, 1995, 215, 164-170.	1.3	94
122	Critical current density limited by the surface barrier in thin films with the magnetic field-parallel to the surface. IEEE Transactions on Applied Superconductivity, 1995, 5, 1379-1382.	1.1	1
123	Critical Current Densities of Thin YBaCuO Films in Parallel Magnetic Fields. , 1995, , 481-484.		0
124	Magnetization properties and irreversibility lines of YBa ₂ Cu ₃ O _y /PrBa ₂ Cu ₃ O _y multilayered films. Physical Review B, 1994, 49, 1224-1232.	1.1	17
125	Effect of using pure ozone on in situ molecular beam epitaxy of YBa ₂ Cu ₃ O _{7-δ} thin films at low pressure. Applied Physics Letters, 1994, 64, 649-651.	1.5	18
126	Preparation of epitaxial YBa ₂ Cu ₃ O _{7-δ} /PrGaO ₃ layered structures by means of a molecular beam epitaxy technique. Physica C: Superconductivity and Its Applications, 1994, 221, 237-242.	0.6	0

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127	Low-pressure oxidation of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films in purified ozone. IEEE Transactions on Applied Superconductivity, 1993, 3, 1088-1091.	1.1	5
128	Field-cooled magnetization of $\text{YBa}_2\text{Cu}_3\text{O}_y/\text{PrBa}_2\text{Cu}_3\text{O}_y$ layered structures. IEEE Transactions on Applied Superconductivity, 1993, 3, 1628-1631.	1.1	1
129	Superconductivity and normal-state magnetic properties of $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Ce}_x\text{Cu}_2\text{O}_y$. Physica C: Superconductivity and Its Applications, 1991, 185-189, 823-824.	0.6	1
130	Density of states at Fermi energy and T_c in $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Ce}_x\text{Cu}_2\text{O}_{8+y}$. Physica B: Condensed Matter, 1990, 165-166, 1553-1554.	1.3	15