Ataru Ichinose

List of Publications by Year
in descending order

359 papers	5,140 citations	109321 35 h-index	155660 55 g-index
364 all docs	364 docs citations	364 times ranked	1876 citing authors

#	Article	IF	Citations
1	Ultra-high flux pinning properties of BaMO₃-doped YBa₂Cu₃O_{7âˆ’<i>x</i>}thin films (M = Zr, Sn). Superconductor Science and Technology, 2008, 21, 032002.	3.5	237
2	Enhancement of critical current density of YBCO films by introduction of artificial pinning centers due to the distributed nano-scaled Y2O3 islands on substrates. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1267-1271.	1.2	123
3	Critical Current Control in YBa2Cu3O7-Î´Films Using Artificial Pinning Centers. Japanese Journal of Applied Physics, 2005, 44, L246-L248.	1.5	116
4	Systematic Comparison of Eight Substrates in the Growth of FeSe_{0.5}Te_{0.5}Superconducting Thin Films. Applied Physics Express, 2010, 3, 043102.	2.4	100
5	New superconducting cuprates (Pb, Cu)(Eu, Ce)2(Sr, Eu)2Cu2Oz. Physica C: Superconductivity and Its Applications, 1990, 169, 133-136.	1.2	93
6	Epitaxial Growth of FeSe_{0.5}Te_{0.5}Thin Films on CaF₂Substrates with High Critical Current Density. Applied Physics Express, 2011, 4, 053101.	2.4	93
7	Microstructures and critical current densities of YBCO films containing structure-controlled BaZrO₃nanorods. Superconductor Science and Technology, 2007, 20, 1144-1150.	3.5	88
8	Effect of substrate on thermoelectric properties of Al-doped ZnO thin films. Applied Physics Letters, 2013, 102, .	3.3	88
9	<i>J</i>_cimprovement by double artificial pinning centers of BaSnO₃nanorods and Y₂O₃nanoparticles in YBa₂Cu₃O₇coated conductors. Superconductor Science and Technology, 2013, 26, 075019.	3.5	79
10	Critical Current Density Enhancement around a Matching Field in ErBa2Cu3O7-Î´Films with BaZrO3Nano-Rods. Japanese Journal of Applied Physics, 2005, 44, L952-L954.	1.5	78
11	Systematic study of the BaSnO₃insertion effect on the properties of YBa₂Cu₃O_{7âˆ’<i>x</i>}films prepared by pulsed laser ablation. Superconductor Science and Technology, 2008, 21, 125017.	3.5	72
12	Insertion of nanoparticulate artificial pinning centres in YBa2Cu3O7âˆ’xfilms by laser ablation of a Y2O3-surface modified target. Superconductor Science and Technology, 2007, 20, 616-620.	3.5	69
13	Enhanced high-field performance in PLD films fabricated by ablation of YSZ-added YBa2Cu3O7âˆ’xtarget. Superconductor Science and Technology, 2007, 20, 244-250.	3.5	62
14	New families of layered cuprates containing double-MO2-unit fluorite blocks: (Ho, Ce)3Sr2Cu3O11 and (Ho, Ce)3Sr2Cu2 (Cu, M)O11 (M = Pb, Fe, Al). Physica C: Superconductivity and Its Applications, 1990, 171, 344-347.	1.2	60
15	Phase stability and decomposition of superconductive YBa2Cu4O8. Applied Physics Letters, 1990, 57, 81-83.	3.3	60
16	Tuning of the critical current in YBa2Cu3O7âˆ’xthin films by controlling the size and density of Y2O3nanoislands on annealed SrTiO3substrates. Superconductor Science and Technology, 2006, 19, 44-50.	3.5	57
17	Introduction of <i>c</i>-axis-correlated 1D pinning centers and vortex Bose glass in Baâ€“Nbâ€“O-doped ErBa₂Cu₃O_{<i>y</i>} films. Superconductor Science and Technology, 2007, 20, 1115-1119.	3.5	57
18	The influence of the geometric characteristics of nanorods on the flux pinning in high-performance BaMO₃-doped SmBa₂Cu₃O_{<i>y</i>}films (M = Hf, Sn). Superconductor Science and Technology, 2014, 27, 065001.	3.5	57

#	Article	IF	Citations
19	High-Critical-Current-Density Epitaxial Films of SmBa2Cu3O7-xin High Fields. Japanese Journal of Applied Physics, 2005, 44, L129-L132.	1.5	55
20	High-Critical-Current-Density SmBa2Cu3O7-xFilms Induced by Surface Nanoparticle. Japanese Journal of Applied Physics, 2005, 44, L546-L548.	1.5	51
21	Matching field effect of the vortices in GdBa2Cu3O7â^'Î´thin film with gold nanorods. Superconductor Science and Technology, 2007, 20, 303-306.	3.5	51
22	Intrinsic pinning and the critical current scaling of clean epitaxial Fe(Se,Te) thin films. Physical Review B, 2013, 87, .	3.2	51
23	Low temperature growth of high-Jc Sm1+xBa2â^'xCu3Oy films. Physica C: Superconductivity and Its Applications, 2004, 412-414, 833-837.	1.2	47
24	Enhancement of Flux-Pinning in Epitaxial Sm1+xBa2-xCu3OyFilms by Introduction of Low-TcNanoparticles. Japanese Journal of Applied Physics, 2006, 45, L11-L13.	1.5	46
25	Flux pinning properties and microstructure of SmBa2Cu3Oy thin films with systematically controlled BaZrO3 nanorods. Journal of Applied Physics, 2010, 108, 093905.	2.5	45
26	Versatile fluoride substrates for Fe-based superconducting thin films. Applied Physics Letters, 2013, 102, .	3.3	45
27	Enhanced thermoelectric performance of Al-doped ZnO thin films on amorphous substrate. Japanese Journal of Applied Physics, 2014, 53, 060306.	1.5	44
28	Improvement in <i>J</i>c performance below liquid nitrogen temperature for SmBa2Cu3O<i>y</i> superconducting films with BaHfO3 nano-rods controlled by low-temperature growth. APL Materials, 2016, 4, .	5.1	44
29	Research & Development of Superconducting Fault Current Limiter in Japan. IEEE Transactions on Applied Superconductivity, 2005, 15, 1978-1981.	1.7	43
30	Microstructure of electron-beam-evaporated epitaxial yttria-stabilized zirconia/CeO2 bilayers on biaxially textured Ni tape. Physica C: Superconductivity and Its Applications, 1998, 307, 87-98.	1.2	42
31	Oxypnictide SmFeAs(O,F) superconductor: a candidate for highâ€“field magnet applications. Scientific Reports, 2013, 3, 2139.	3.3	42
32	Large and significantly anisotropic critical current density induced by planar defects in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">CaKFe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> single crystals. Physical Review B, 2019, 99, .	3.2	42
33	High pinning performance of YBa₂Cu₃O_{7â^'x}films added with Y₂O₃nanoparticulate defects. Superconductor Science and Technology, 2015, 28, 024002.	3.5	40
34	Incorporation of double artificial pinning centers in YBa₂Cu₃O_{7â^'<i>d</i>}films. Superconductor Science and Technology, 2008, 21, 015019.	3.5	38
35	Porosity-tuned thermal conductivity in thermoelectric Al-doped ZnO thin films grown by mist-chemical vapor deposition. Thin Solid Films, 2019, 685, 180-185.	1.8	38
36	Feâ€“Teâ€“Se epitaxial thin films with enhanced superconducting properties. Superconductor Science and Technology, 2012, 25, 084021.	3.5	36

#	Article	IF	Citations
37	Effect of self-grown seed layer on thermoelectric properties of ZnO thin films. Thin Solid Films, 2016, 605, 289-294.	1.8	36
38	Phase Stability and Decomposition of Superconductive (Y1-xCax)Ba2Cu4O8(0=<x=<0.1). Japanese Journal of Applied Physics, 1990, 29, L915-L918.	1.5	35
39	Homologous compound series containing multiple-MO2-unit fluorite block, (Fe, Cu)Sr2 (Y,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.2	35
40	High Critical Current Density in High Field in<tex>$rm Sm_1+rm xrm Ba_2-rm xrm Cu_3rm O_6+rm y$</tex>Thin Films. IEEE Transactions on Applied Superconductivity, 2005, 15, 2727-2730.	1.7	35
41	Systematic study of BaSnO3 doped YBa2Cu3O7â"x films. Physica C: Superconductivity and Its Applications, 2009, 469, 1380-1383.	1.2	35
42	Microscopic analysis of the chemical reaction between Fe(Te, Se) thin films and underlying CaF₂. Superconductor Science and Technology, 2013, 26, 075002.	3.5	34
43	Vortex Bose glass in ErBa2Cu3Oy films with size-controlled nanorods. Applied Physics Letters, 2008, 93, 152506.	3.3	33
44	Control of the hole concentration in theYBa2Cu3O6+z-type superconductors (Yb,Ca)(Ba,Sr)2Cu3O6+zwith low and high Ca contents. Physical Review B, 1991, 44, 2341-2347.	3.2	32
45	Effect of Sm/Ba Substitution on the<tex>J_c</tex>in Magnetic Field of SmBCO Thin Films by Low Temperature Growth Technique. IEEE Transactions on Applied Superconductivity, 2005, 15, 3078-3081.	1.7	32
46	Flux pinning properties of ErBa2Cu3Oythin films with BaZrO3nanorods. Superconductor Science and Technology, 2006, 19, 803-807.	3.5	32
47	High-<tex>J_c</tex>Gd-Ba-Cu-O Epitaxial Films Prepared by Pulsed Laser Deposition. IEEE Transactions on Applied Superconductivity, 2005, 15, 2719-2722.	1.7	30
48	Dislocation Density and Critical Current Density of Sm1+xBa2-xCu3OyFilms Prepared by Various Fabrication Processes. Japanese Journal of Applied Physics, 2006, 45, L701-L704.	1.5	30
49	The crossover from the vortex glass to the Bose glass in nanostructured YBa2Cu3O7â"x films. Applied Physics Letters, 2008, 92, 182511.	3.3	30
50	In-field characterization of FeTe_{0.8}S_{0.2}epitaxial thin films with enhanced superconducting properties. Superconductor Science and Technology, 2010, 23, 052001.	3.5	30
51	Characteristics of high-performance BaHfO₃-doped SmBa₂Cu₃O_{<i>y</i>}superconducting films fabricated with a seed layer and low-temperature growth. Superconductor Science and Technology, 2015, 28, 065013.	3.5	30
52	Hall-plot of the phase diagram for Ba(Fe1â"xCox)2As2. Scientific Reports, 2016, 6, 28390.	3.3	30
53	Flux Pinning Properties at Low Temperatures in $ hbox{BaHfO}_{3}$ Doped $hbox{SmBa}_{2}hbox{Cu}_{3} hbox{O}_{y}$ Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 8001104-8001104.	1.7	28
54	Thermoelectric Properties of Al-Doped ZnO Thin Films. Journal of Electronic Materials, 2014, 43, 2145-2150.	2.2	28

#	Article	IF	Citations
55	Approaches in controllable generation of artificial pinning center in REBa₂Cu₃O<i>_y</i>-coated conductor for high-flux pinning. Superconductor Science and Technology, 2017, 30, 104002.	3.5	28
56	Transmission electron microscopy characterization of nanorods in BaNb2O6-doped ErBa2Cu3O7â^'Î´ films. Applied Physics Letters, 2008, 92, .	3.3	27
57	Superconductivity at 38 K at an electrochemical interface between an ionic liquid and FeSe0.8Te0.2 on various substrates. Scientific Reports, 2018, 8, 14731.	3.3	27
58	Highly textured oxypnictide superconducting thin films on metal substrates. Applied Physics Letters, 2014, 105, .	3.3	25
59	Isotropic enhancement in the critical current density of YBCO thin films incorporating nanoscale Y2BaCuO5 inclusions. Journal of Applied Physics, 2017, 122, .	2.5	25
60	Superconducting properties of commercial REBCO-coated conductors with artificial pinning centers. Superconductor Science and Technology, 2021, 34, 105005.	3.5	25
61	Effects of artificial pinning centers on vortex pinning in high-temperature superconducting films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1091-1095.	1.2	24
62	Flux pinning properties and microstructures of a SmBa2Cu3Oyfilm with high number density of BaHfO3nanorods deposited by using low-temperature growth technique. Japanese Journal of Applied Physics, 2014, 53, 090304.	1.5	24
63	Clarification and mitigation of markedJcdecrease at low magnetic fields of BaHfO3-doped SmBaCuO3thin films deposited on seed layer. Japanese Journal of Applied Physics, 2016, 55, 073101.	1.5	24
64	Preparation and Superconducting Properties of [Ln, Ce, (Ba1-xSrx)]8Cu6Oz(Ln=Nd, Sm and Eu). Japanese Journal of Applied Physics, 1989, 28, L1765-L1768.	1.5	23
65	Preparation and Properties of Superconducting [La1/6Ln1/3Ba1/6Sr1/6Ce1/6]8Cu6Oz(Ln=Eu, Gd, Dy, Ho) Tj ETQq1 1 0.784314 rgBT /O	1.5	23
66	Deposition of Y2O3 buffer layers on biaxially-textured metal substrates. Physica C: Superconductivity and Its Applications, 1998, 302, 51-56.	1.2	23
67	Jc Characteristics in high magnetic field and microstructure of RE1+xBa2â^'xCu3O6+y films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1043-1050.	1.2	23
68	Progress in development of advanced PLD process for high Jc REBCO film. Physica C: Superconductivity and Its Applications, 2008, 468, 1606-1610.	1.2	23
69	Influence of substrate type on transport properties of superconducting FeSe_{0.5}Te_{0.5}thin films. Superconductor Science and Technology, 2015, 28, 065005.	3.5	23
70	Neutron powder diffraction study of the Pb-based copper oxide containing thick fluorite blocks: (Pb,Cu)Sr2(Ho,Ce)3Cu2O11+z. Physica C: Superconductivity and Its Applications, 1991, 179, 455-460.	1.2	22
71	Enhancement of Critical Current Density in ErBa2Cu3OyThin Films by Post-Annealing. Japanese Journal of Applied Physics, 2004, 43, L1223-L1225.	1.5	22
72	Control of the glass-liquid transition temperature in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2009, 79, .	3.2	22

#	Article	IF	Citations
73	The effects of growth temperature onc-axis-correlated pinning centers in PLD-ErBa2Cu3O7â^'Î´films with Ba(Er0.5Nb0.5)O3. Superconductor Science and Technology, 2010, 23, 025017.	3.5	22
74	Induced lattice strain in epitaxial Fe-based superconducting films on CaF2 substrates: A comparative study of the microstructures of SmFeAs(O,F), Ba(Fe,Co)2As2, and FeTe0.5Se0.5. Applied Physics Letters, 2014, 104, .	3.3	22
75	Synthesis, characterization, Hall effect and THz conductivity of epitaxial thin films of Fe chalcogenide superconductors. Applied Surface Science, 2014, 312, 43-49.	6.1	22
76	Superconducting properties and microstructure of PLD-ErBa2Cu3O7â^'Î´ film with BaNb2O6. Physica C: Superconductivity and Its Applications, 2007, 463-465, 895-899.	1.2	21
77	Tailoring the vortex pinning strength of YBCO thin films by systematic incorporation of hybrid artificial pinning centers. Superconductor Science and Technology, 2015, 28, 114004.	3.5	21
78	Substrate Dependence of Structural and Transport Properties in FeSe_{0.5}Te_{0.5}Thin Films. Japanese Journal of Applied Physics, 2011, 50, 053101.	1.5	21
79	Crystal Structure of New Oxide Superconductors, (Sm, Ba, Ce)8Cu6Oz, (Nd, Ba, Sr, Ce)8Cu6Oz, (La, Gd,) Tj ETQq1 1 0.784314 rgBT /O	1.5	20
80	Hall effect of FeTe and Fe(Se1â€"xTex) thin films. Physica C: Superconductivity and Its Applications, 2011, 471, 625-629.	1.2	20
81	Crystal Chemistry of Copper-Based Oxide Superconductors and Related Compounds. Journal of the Ceramic Society of Japan, 1991, 99, 435-442.	1.3	19
82	Reduction of Surface Resistance of ErBa2Cu3O7-Î´Films by BaZrO3Nano-Particle Inclusion. Japanese Journal of Applied Physics, 2004, 43, L1623-L1625.	1.5	19
83	Microstructures of REBa2Cu3Oy adding BaZrO3 or BaSnO3. Physica C: Superconductivity and Its Applications, 2008, 468, 1627-1630.	1.2	19
84	Elastic strain evolution in nanocomposite structure of YBa₂Cu₃O₇+BaZrO₃superconducting films. Japanese Journal of Applied Physics, 2014, 53, 083101.	1.5	19
85	Empirical Selection Rule of Substrate Materials for Iron Chalcogenide Superconducting Thin Films. Japanese Journal of Applied Physics, 2012, 51, 010104.	1.5	19
86	Comparison of the effects of various anticholinergic drugs on human isolated urinary bladder. Archives Internationales De Pharmacodynamie Et De ThÃ©rapie, 1995, 330, 76-89.	0.2	19
87	Thermoelectric power of the (Eu,Ce)4(Ba,Eu)4Cu6Oyphase and theT*phase: Comparison between superconducting and nonsuperconducting compounds. Physical Review B, 1991, 43, 11508-11511.	3.2	18
88	Superconducting properties of ErBCO films with BaMO3 nanorods (M=Zr and Sn) by pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2008, 468, 1522-1526.	1.2	18
89	Tilt angle dependences of vortex structure and critical current density at low-angle grain boundaries in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Y</mml:mi><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></	3.2	18
90	Substrate Dependence of Structural and Transport Properties in FeSe_{0.5}Te_{0.5}Thin Films. Japanese Journal of Applied Physics, 2011, 50, 053101.	1.5	18

#	Article	IF	Citations
91	Preparation of the oxide superconductors (La,Gd,Ba,Ce)8Cu6Ozand (La,Gd,Ba,Sr,Ce)8Cu6Oz. Physical Review B, 1990, 41, 1984-1989.	3.2	17
92	New Tl-based copper oxide containing double-MO2-unit fluorite block: (Tl, Cu) Sr2 (R, Ce)3Cu2O11 (R:) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	17
93	Mobility Analysis of FeTe Thin Films. Journal of the Physical Society of Japan, 2011, 80, 023712.	1.6	17
94	Empirical Selection Rule of Substrate Materials for Iron Chalcogenide Superconducting Thin Films. Japanese Journal of Applied Physics, 2012, 51, 010104.	1.5	17
95	Effects of heavy-ion irradiation on FeSe. Physical Review B, 2017, 95, .	3.2	17
96	Critical current enhancement in PLD YBa2Cu3O7â^'x films using artificial pinning centers. Physica C: Superconductivity and Its Applications, 2006, 445-448, 648-651.	1.2	16
97	Magnetic-field-induced crossover from flux-flow to Josephson-junction behavior in a highly transparent weak link. Physical Review B, 2007, 75, .	3.2	16
98	Anisotropic physical properties and large critical current density in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">K</mml:mi><mml:msub><mml:mi>Ca</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Fe< mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> single crystal. Physical Review Materials, 2020, 4, .	2.4	16
99	Composition dependence of the pressure effect onTcin (Yb0.7Ca0.3)(Ba0.8Sr0.2)2Cu3Oz. Physical Review B, 1991, 44, 11971-11976.	3.2	15
100	Growth of high-quality ErBa2Cu3O7â^'Î´ thin films. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1301-1305.	1.2	15
101	Effects of growth temperature for superconducting properties and microstructures of PLD-ErBa2Cu3O7â^'Î´ film with BaNb2O6. Physica C: Superconductivity and Its Applications, 2008, 468, 1854-1857.	1.2	15
102	Effect of BaHfO3introduction on the transport current at the grain boundaries in SmBa2Cu3Oyfilms. Applied Physics Express, 2015, 8, 033101.	2.4	15
103	Angular behaviour of critical current density in YBa₂Cu₃O_{<i>y</i>}thin films with crossed columnar defects. Superconductor Science and Technology, 2016, 29, 065023.	3.5	15
104	Controlling the Critical Current Anisotropy of YBCO Superconducting Films by Incorporating Hybrid Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	15
105	Twofold role of columnar defects in iron based superconductors. Superconductor Science and Technology, 2020, 33, 094012.	3.5	15
106	Anomalous temperature dependence of Hall coefficients for (L2/3Ce1/3)4(La1/3Ba1/3Sr1/3)4Cu6Oy(L=Eu,) Tj ETQq0 0 0 rgBT /Overlock	3.2	14
107	Growth conditions and microstructure of Y2O3 buffer layers on cube-textured Ni. Physica C: Superconductivity and Its Applications, 1999, 324, 113-122.	1.2	14
108	Flux pinning properties of YBCO thin films deposited on SrTiO3(100) and MgO(100) substrates. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1291-1295.	1.2	14

#	Article	IF	Citations
109	In-plane alignment and superconducting properties in high-Jc Sm1+xBa2â^'xCu3O6+Î´ thin films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 985-989.	1.2	14
110	MoirÃ© Fringe Analysis of BaZrO3Nanorods in ErBa2Cu3O7-Î´Films. Japanese Journal of Applied Physics, 2007, 46, 708-711.	1.5	14
111	Two-dimensional vortex-pinning phenomena in YBa2Cu3Oy films. Applied Physics Letters, 2008, 92, 132502.	3.3	14
112	Vortex pinning at low temperature under high magnetic field in SmBa₂Cu₃O_{<i>y</i>}superconducting films with high number density and small size of BaHfO₃nano-rods. Superconductor Science and Technology, 2015, 28, 114006.	3.5	14
113	Hybrid artificial pinning centers of elongated-nanorods and segmented-nanorods in YBa₂Cu₃O₇films. Superconductor Science and Technology, 2016, 29, 105010.	3.5	14
114	Syntheses and Characterization of LnBa₂Cu₂MO_{<i>y</i>} (Ln=La, Pr and M=Ta, Nb). Journal of the Ceramic Society of Japan, 1989, 97, 1065-1070.	1.3	13
115	Microstructure of ErBa2Cu3O7â^'Î´ films with BaZrO3 dispersion pinning centers for high JC applications. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1415-1418.	1.2	13
116	Magnetic Field Dependence of Critical Current Density and Microstructure in ${m Sm}_{1+x}{m Ba}_{2-x}{m Cu}_{3}{m O}_{y}$ Films on Metallic Substrates. IEEE Transactions on Applied Superconductivity, 2007, 17, 3247-3250.	1.7	13
117	Fabrication of GdBa2Cu3Oy films by metal-organic deposition using metal-naphthenates. Physica C: Superconductivity and Its Applications, 2007, 463-465, 540-543.	1.2	13
118	Stability of barium oxides in REBa2Cu3Oy superconductors. Physica C: Superconductivity and Its Applications, 2008, 468, 1391-1394.	1.2	13
119	Flux Pinning Properties and Microstructures of Multilayered Films Consisting of Sm1.04Ba1.96Cu3OyLayers and BaSnO3-Doped Sm1.04Ba1.96Cu3OyLayers. Japanese Journal of Applied Physics, 2013, 52, 010201.	1.5	13
120	Quasiparticle scattering in 3 MeV proton irradiated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">BaFe</mml:mi><mml:mn		

#	Article	IF	Citations
127	Studies of the improvement in microstructure of Y2O3buffer layers and its effect on YBa2Cu3O7-xfilm growth. Superconductor Science and Technology, 2000, 13, 1023-1028.	3.5	11
128	Controlled nanoparticulate flux pinning structures in RE1+xBa2âˆ’xCu3Oy films. Physica C: Superconductivity and Its Applications, 2006, 445-448, 637-642.	1.2	11
129	Possibility of High Deposition Rate in SmBa2Cu3OyFilms Prepared Using the Vaporâ€“Liquidâ€“Solid Growth Mode. Japanese Journal of Applied Physics, 2006, 45, 758-760.	1.5	11
130	Superconducting properties of GdBa2Cu3Oy films by metalâ€“organic deposition using new fluorine-free complex solutions. Physica C: Superconductivity and Its Applications, 2008, 468, 1542-1545.	1.2	11
131	Transmission Electron Microscopy Analysis of Nanorods in BaSnO3-Doped ErBa2Cu3O7-Î´Films. Japanese Journal of Applied Physics, 2008, 47, 899-903.	1.5	11
132	Epitaxial films of FeTe1âˆ’xSx fabricated by second harmonic Nd:YAG pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2011, 471, 1185-1188.	1.2	11
133	Influence of strain and composition on Tc in FeSe1âˆ’xTex films. Journal of Applied Physics, 2014, 116, 213906.	2.5	11
134	Direct growth of superconducting NdFeAs(O,F) thin films by MBE. Physica C: Superconductivity and Its Applications, 2015, 518, 69-72.	1.2	11
135	Strongly enhanced irreversibility field and flux pinning force density in SmBa₂Cu₃O<i>_y</i>-coated conductors with well-aligned BaHfO₃nanorods. Applied Physics Express, 2017, 10, 103101.	2.4	11
136	Effects of BaZrO3 dispersion into EuBa2Cu3O7âˆ’Î´ superconducting thin films. Physica C: Superconductivity and Its Applications, 2006, 445-448, 845-848.	1.2	10
137	Characterization of nanorods in BaNb2O6-doped Er123 films revealed by cross-sectional transmission electron microscopy. Physica C: Superconductivity and Its Applications, 2008, 468, 1638-1642.	1.2	10
138	Flux pinning properties of Sm1+xBa2âˆ’xCu3Oy films with BaZrO3 nanorods fabricated by low-temperature growth technique. Physica C: Superconductivity and Its Applications, 2008, 468, 1615-1618.	1.2	10
139	Inversion of the upper critical field anisotropy in FeTeS films. Superconductor Science and Technology, 2014, 27, 044005.	3.5	10
140	Possibility of material cost reduction toward development of low-cost second-generation superconducting wires. Japanese Journal of Applied Physics, 2017, 56, 103101.	1.5	10
141	Elucidating the origin of planar defects that enhance critical current density in CaKFe₄As₄ single crystals. Superconductor Science and Technology, 2021, 34, 034003.	3.5	10
142	Effect of Simultaneous Addition of 1D and 3D Artificial Pinning Centers in Hybrid YBa₂Cu₃O_{7â€“<i>x</i>} Multilayers. Science of Advanced Materials, 2017, 9, 1042-1050.	0.7	10
143	Investigation of YBCO film growth by post-annealing of precursor films including BaF2at low-pressure oxygen atmosphere. Superconductor Science and Technology, 2002, 15, 262-268.	3.5	9
144	Hetero-Epitaxial Growth of CeO2Films on MgO Substrates. Japanese Journal of Applied Physics, 2005, 44, L318-L321.	1.5	9

#	Article	IF	Citations
145	<tex>J_c</tex>Enhancement in<tex>$rm YBa_2rm Cu_3rm O_rm x$</tex>Thin Films by Introduction of One-Dimensional Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2005, 15, 3774-3777.	1.7	9
146	Combined effect of a single grain boundary and artificial pinning centers on the critical current density in a YBa2Cu3O7â^'Î´ thin film. Applied Physics Letters, 2006, 89, 172505.	3.3	9
147	The limitation mechanism of Jcâ€"Î¸ characteristics in YBa2Cu3O7â^'x thin film with a single low angle grain boundary. Physica C: Superconductivity and Its Applications, 2007, 463-465, 678-681.	1.2	9
148	Incorporation of double artificial pinning centers in YBa2Cu3O7â^'Î´ films. Physica C: Superconductivity and Its Applications, 2008, 468, 1631-1634.	1.2	9
149	Jc of Sm1+xBa2â^'xCu3Oy films improved in the whole angle range by introducing BaZrO3 nanoparticles. Physica C: Superconductivity and Its Applications, 2009, 469, 1392-1395.	1.2	9
150	Critical Current Properties in $hbox{REBa}_{2} hbox{Cu}_{3}hbox{O}_{y}$ Films With Nanorods Depending on Growth Conditions. IEEE Transactions on Applied Superconductivity, 2013, 23, 8000904-8000904.	1.7	9
151	BaMO₃(M=Zr, Hf, Sn) material dependence of<i>T_c</i>reduction in BaMO₃-doped SmBa₂Cu₃O_{<i>y</i>}, films. Journal of Physics: Conference Series, 2014, 507, 022043.	0.4	9
152	Superconducting Properties in SmBa₂Cu₃O_y Films With High Density of BaHfO₃ Nanorods Fabricated With a Seed Layer. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	9
153	Growth and transport properties of FeSe/FeTe superlattice thin films. Japanese Journal of Applied Physics, 2017, 56, 020308.	1.5	9
154	Field-driven transition in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mm mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mr superconductor with splayed columnar defects. Physical Review B, 2018, 97, .	3.2	9
155	Ultra-Fine Nb₃Al Mono-Core Wires and Cables. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	9
156	Ba-free â€œ223â€•layered copper oxides, (Ho, Ce)2Sr2Cu3O8+z and (Eu, Ce)2(Eu, Sr)2Cu3â^'xMxO8+z (Mî—»Fe, Co) Tj ETQq0 0 0 rgBT	1.2	8
157	Preparation and characterization of Y/sub 2/O/sub 3/ buffer layers and YBCO films on textured Ni tape. IEEE Transactions on Applied Superconductivity, 1999, 9, 2280-2283.	1.7	8
158	Post-annealing effects of superconducting properties on ErBa2Cu3Oy films fabricated by pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1306-1309.	1.2	8
159	Low surface resistance Zn-doped ErBa2Cu3O7â^'Î´ thin films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1611-1615.	1.2	8
160	Fabrication of<tex>a/c</tex>Axes Oriented Grain Boundaries in YBCO Films by Selective Growth. IEEE Transactions on Applied Superconductivity, 2005, 15, 2935-2938.	1.7	8
161	Evaluation of metallic nanoparticles in REBa2Cu3O7â^'Î´ (RE=Y, Gd) thin films by small angle X-ray scattering. Physica C: Superconductivity and Its Applications, 2006, 445-448, 652-655.	1.2	8
162	A new approach to a two-dimensional artificial pinning center. Physica C: Superconductivity and Its Applications, 2007, 463-465, 904-908.	1.2	8

#	Article	IF	Citations
163	Growth of BaSnO3 doped ErBa2Cu3O7âˆ’Î´ thin films for high JC applications. Physica C: Superconductivity and Its Applications, 2008, 468, 1858-1860.	1.2	8
164	Flux Pinning Characteristics of Artificial Pinning Centers With Different Dimension. IEEE Transactions on Applied Superconductivity, 2009, 19, 3248-3253.	1.7	8
165	Angular behavior of flux dynamics in YBCO films with crossed columnar defects around the <i>ab</i>-plane. Superconductor Science and Technology, 2018, 31, 125002.	3.5	8
166	Research and Development of High-<tex>$rm T_c$</tex>SMES. IEEE Transactions on Applied Superconductivity, 2005, 15, 1947-1950.	1.7	7
167	SUPERCONDUCTING PROPERTIES AND ORIENTATION BEHAVIOR OF REBa2Cu3Oy (RE = Yb, Er, Sm, Nd and La) FILMS BY METAL-ORGANIC DEPOSITION. Modern Physics Letters B, 2006, 20, 705-713.	1.9	7
168	Critical current properties and microstructures in impurity-doped ErBa2Cu3Oy films. Physica C: Superconductivity and Its Applications, 2007, 463-465, 922-926.	1.2	7
169	Pulsed laser deposition of ErBa2Cu3O7âˆ’Î´ films with BaZrO3 nano-particles by using a novel target. Physica C: Superconductivity and Its Applications, 2007, 463-465, 900-903.	1.2	7
170	Microstructures of REBa2Cu3Oy films containing artificial pinning centers of various dimensions. Physica C: Superconductivity and Its Applications, 2009, 469, 1374-1379.	1.2	7
171	Surface morphology and microstructure of Sm1+xBa2âˆ’xCu3Oy thin films including self-organized columnar pinning centers. Physica C: Superconductivity and Its Applications, 2009, 469, 1388-1391.	1.2	7
172	Temperature dependence of critical currents in REBCO thin films with artificial pinning centers. Superconductor Science and Technology, 2017, 30, 104006.	3.5	7
173	Microstructure of pulsed laser deposited YBa2Cu3O7âˆ’Î´ films on yttria-stabilized zirconia/CeO2 buffered biaxially textured Ni substrates. Physica C: Superconductivity and Its Applications, 2002, 377, 333-347.	1.2	6
174	Growth and characterization of a-axis oriented ErBa2Cu3O7âˆ’Î´ films using double buffer layers. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1424-1428.	1.2	6
175	Control of Y2O3 nanoislands deposition parameters in order to induce defects formation and its influence on the critical current density of YBCO films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1108-1112.	1.2	6
176	Effect of substituted rare earth element in (Yb1âˆ’xNdx)Ba2Cu3Oy thin film on growth orientation and superconducting properties. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1005-1009.	1.2	6
177	Anisotropy and Lorentz-Force Dependences of Critical Current Density inC-Axis-Oriented YBa2Cu3O7-ÎThin Film. Japanese Journal of Applied Physics, 2005, 44, L111-L113.	1.5	6
178	Dilute Co-doping effects on critical current properties in PLD-ErBa2Cu3Oy films. Physica C: Superconductivity and Its Applications, 2006, 445-448, 837-840.	1.2	6
179	TEM observation of ErBa2Cu3O7âˆ’Î´ films with BaZrO3 artificial pinning centers. Physica C: Superconductivity and Its Applications, 2006, 445-448, 660-664.	1.2	6
180	c-Axis-Correlated Vortex Pinning Center Induced by Dilute Co-doping in Pulsed-Laser-Deposition-ErBa2Cu3OyFilms. Japanese Journal of Applied Physics, 2006, 45, L617-L620.	1.5	6

#	Article	IF	Citations
181	Current-carrying property and microstructure of multilayered Sm1+xBa2â̂’xCu3Oy thick films. Physica C: Superconductivity and Its Applications, 2007, 463-465, 649-652.	1.2	6
182	Characteristics of ErBa2Cu3O7â̂’Î´ films with BaWO4 doping. Physica C: Superconductivity and Its Applications, 2007, 463-465, 909-913.	1.2	6
183	Electrical transport properties of Y123 films with 2-D apcs. Physica C: Superconductivity and Its Applications, 2008, 468, 1851-1853.	1.2	6
184	Superconducting properties in magnetic field of (Nd, Eu, Gd)1+xBa2â̂’xCu3Oy thin films prepared by low temperature growth technique. Physica C: Superconductivity and Its Applications, 2008, 468, 1611-1614.	1.2	6
185	Flux Pinning Characteristics of ${m Sm}_{1+x}{m Ba}_{2-x}{m Cu}_{3}{m O}_{y}$ Films With the Additional c-Axis Correlated Pinning Centers. IEEE Transactions on Applied Superconductivity, 2009, 19, 3507-3510.	1.7	6
186	Flux Pinning Properties and Microstructure in ${m Sm}_{1+x}{m Ba}_{2-x}{m Cu}_{3}{m O}_{y}$ Films With ${m BaZrO}_{3}$ Nanorods Fabricated by Vapor-Liquid-Solid Growth Technique. IEEE Transactions on Applied Superconductivity, 2009, 19, 3168-3171.	1.7	6
187	Thermoelectric and Structural Characterization of Al-Doped ZnO/Y₂O₃ Multilayers. Journal of Nanoscience and Nanotechnology, 2017, 17, 1616-1621.	0.9	6
188	High infield performance and critical temperatures in post-annealed MgB2 films. Applied Physics Express, 2018, 11, 093102.	2.4	6
189	Synthesis and Characterization of Al- and SnO2-Doped ZnO Thermoelectric Thin Films. Materials, 2021, 14, 6929.	2.9	6
190	Magnetic Properties of 40 K Class Oxide Superconductor (Gd, Ce)4(La, Ba, Sr)4Cu6O18.8. Japanese Journal of Applied Physics, 1990, 29, L43-L45.	1.5	5
191	Phonon-scattering spectra of (Eu2/3Ce1/3)2(Ba2/3Eu1/3)2Cu3O9and (Er2/3Ce1/3)2(Ba2/3La1/3)2Cu3O9. Physical Review B, 1991, 44, 782-788.	3.2	5
192	Preparation of YBCO films using precursor films including BaF2 through a new process. Physica C: Superconductivity and Its Applications, 2001, 357-360, 995-998.	1.2	5
193	Y-Ba-Cu-O film growth on Y/sub 2/O/sub 3/ buffered and nonbuffered SrTiO/sub 3/ single crystals using precursor films including fluoride. IEEE Transactions on Applied Superconductivity, 2001, 11, 2913-2916.	1.7	5
194	Effect of AZrO3 and AWO4 (A=Ba, Sr and Ca) addition on the superconducting properties of ErBa2Cu3Oy. Physica C: Superconductivity and Its Applications, 2005, 426-431, 550-555.	1.2	5
195	Oxygen post-annealing effects on critical current properties of PLD-ErBa2Cu3Oy films grown at several substrate temperatures. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1015-1020.	1.2	5
196	Angular Dependence of Critical Current Density in Y-Ba-Cu-O Thin Films. IEEE Transactions on Applied Superconductivity, 2005, 15, 3734-3737.	1.7	5
197	Flux pinning properties in high magnetic field and low temperature of SmBa2Cu3Oy thin films. Physica C: Superconductivity and Its Applications, 2007, 463-465, 639-643.	1.2	5
198	Enhancement of dislocation density in YBa2Cu3Oy thin films prepared by low temperature growth technique. Physica C: Superconductivity and Its Applications, 2007, 463-465, 644-648.	1.2	5

#	Article	IF	Citations
199	Fabrication and characterization of BaSnO3-doped NdBa2Cu3O7â^'Î´ thin film. Physica C: Superconductivity and Its Applications, 2008, 468, 1864-1868.	1.2	5
200	Flux pinning properties of nano-rods comprised of BaMO3 (M=Zr, Sn) in REBa2Cu3O7â^'Î´ thin films prepared by PLD method. Physica C: Superconductivity and Its Applications, 2009, 469, 1396-1399.	1.2	5
201	Pulsed laser deposition and in-field characterization of FeTe0.8S0.2 epitaxial thin films with enhanced superconducting properties. Physica C: Superconductivity and Its Applications, 2010, 470, 1033-1037.	1.2	5
202	Matching field effects inc-axis in-plane aligneda-axis-oriented YBa2Cu3Oyfilms with two-dimensional artificial pinning centers induced by multilayered nano-structures. Superconductor Science and Technology, 2010, 23, 045023.	3.5	5
203	Effects of selective lattice deformation on YbBa₂Cu₄O₈ and YBa₂Cu₃O₇ epitaxial films. Applied Physics Letters, 2014, 104, 102601.	3.3	5
204	Crossover from hole- to electron-dominant regions in iron-chalcogenide superconductors induced by Te/Se substitution. Japanese Journal of Applied Physics, 2015, 54, 043102.	1.5	5
205	Magnetic Field of BG-VG Transition Depending on the Nanorods Shape in <inline-formula> <tex-math notation="TeX">$hbox{BaHfO}_{3}$</tex-math></inline-formula>-Doped <inline-formula> <tex-math notation="TeX">$hbox{SmBa}_{2}hbox{Cu}_{3}hbox{O}_{y}$</tex-math></inline-formula> Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	5
206	Fabrication of YBa₂Cu₃O₇ Superconducting Film on {100}<001> Textured Cu Tape via Conductive Buffer Layers. Materials Transactions, 2017, 58, 1493-1499.	1.2	5
207	Flux Pinning by Columnar Defects Along <i>a</i>-axis in <i>a</i>-axis Oriented YBCO Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	5
208	Increase in the infield critical current density of MgB₂ thin films by high-temperature post-annealing. Applied Physics Express, 2021, 14, 025504.	2.4	5
209	Effects of Growth Conditions on One-dimensional Nanorod Growth in REBa2Cu3O7-Î´ Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 535-542.	0.1	5
210	High-JcYBa2Cu3O7Âxfilms obtained by no-additional-water annealing of precursor films deposited from Y, BaF2and Cu. Superconductor Science and Technology, 2003, 16, 398-401.	3.5	4
211	Microstructure and Field Angle Dependence of Critical Current Densities in<tex>$rm REBa_2rm Cu_3rm O_rm y$</tex>Thin Films Prepared by PLD Method. IEEE Transactions on Applied Superconductivity, 2005, 15, 3730-3733.	1.7	4
212	Comparative study of carrier concentration and reciprocal space mapping in SmBa2Cu3Oy thin films with high critical current density. Physica C: Superconductivity and Its Applications, 2006, 445-448, 689-693.	1.2	4
213	Enhanced Critical Current under a Magnetic Field in Sm1+xB2-xCu3OyThick Films Prepared Using Low-temperature Growth Technique. Japanese Journal of Applied Physics, 2007, 46, L807-L809.	1.5	4
214	Enhancement of Critical Current in ${m Sm}_{1+x}{m B}_{2-x}{m Cu}_{3}{m O}_{y}$ Multilayer Films With the Insertion of Sm-Rich Phase. IEEE Transactions on Applied Superconductivity, 2007, 17, 3270-3273.	1.7	4
215	Fabrication of Thick $hbox{YBa}_{2}hbox{Cu}_{3}hbox{O}_{7-{m x}}$ Films on Optimized $hbox{SrTiO}_{3}$ Buffered-MgO Single Crystals. IEEE Transactions on Applied Superconductivity, 2007, 17, 3713-3716.	1.7	4
216	Vortex Pinning by Gold Nanorods in ${m GdBa}_{2}{m Cu}_{3}{m O}_{7-delta}$ Thin Films. IEEE Transactions on Applied Superconductivity, 2007, 17, 3729-3732.	1.7	4

#	Article	IF	Citations
217	Enhanced superconducting performances in nanostructured SmBCO coated conductor. Physica C: Superconductivity and Its Applications, 2007, 463-465, 633-638.	1.2	4
218	Improved Flux Pinning in Nanostructured REBCO Films Controlling the APC Growth Mechanism. IEEE Transactions on Applied Superconductivity, 2009, 19, 3262-3265.	1.7	4
219	A trial of Fe(Se_{1â^'x}Te_x) thin film fabrication by pulsed laser deposition using ArF excimer laser. Journal of Physics: Conference Series, 2010, 234, 012051.	0.4	4
220	Study on introduction of SN transition type FCL into looped distribution system. Physica C: Superconductivity and Its Applications, 2012, 482, 92-97.	1.2	4
221	Solid Phase Epitaxial Growth of Fe(Te, S) Thin Films and Their Superconducting Properties. IEEE Transactions on Applied Superconductivity, 2013, 23, 7500104-7500104.	1.7	4
222	Improvement of critical current densities in SmBa2Cu3Oy, films with BaHfO3nano-rods using low temperature growth technique. Journal of Physics: Conference Series, 2014, 507, 022021.	0.4	4
223	Evidence for enhancement of vortex matching field above 5â€‰T and oxygen-deficient annuli around barium-niobate nanorods. Journal of Applied Physics, 2015, 118, 133907.	2.5	4
224	Flux Pinning Properties of a SmBa2Cu3O y Film Including High Number Density of BaHfO3 Nano-rods on LaAlO3 Substrate. Journal of Superconductivity and Novel Magnetism, 2015, 28, 367-369.	1.8	4
225	Superconducting properties and microstructures for Ba2SmNbO6and BaHfO3co-doped SmBa2Cu3Oythin films. Superconductor Science and Technology, 2017, 30, 125008.	3.5	4
226	Improved Flux Pinning for High-Field Applications in BaHfO3-Doped SmBa2Cu3 Oy-Coated Conductors With High Density of Random Pinning Centers Induced by BaHfO 3 Nanorods. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.7	4
227	Anisotropy of critical current densities in Ba_{1â^'<i>x</i>}K<i> _x </i>Fe₂As₂ and Ba(Fe_{1â^'<i>x</i>}Co<i> _x) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Series, 2018, 1054, 012020.	0.4	4
228	Sulfur-induced magnetism in FeSe1â^'xSx thin films on LaAlO3 revealed by muon spin rotation/relaxation. Physical Review B, 2021, 103, .	3.2	4
229	Growth-Temperature-Independent Nanostructure in (Y$_{1-x}$Er$_{x}$)Ba$_{2}$Cu$_{3}$O$_{y}$ Films with Baâ€"Nbâ€"O Nanorods. Applied Physics Express, 2012, 5, 073102.	2.4	4
230	Orientation and Crystal Growth Mode in Sm1+xBa2-xCu3Oy Films Prepared by a Low Temperature Growth Technique. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2007, 42, 47-55.	0.1	4
231	Flux-pinning Properties and Microstructure in SmBa2Cu3Oy Thin Films with BaZrO3 Nanorods. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 549-557.	0.1	4
232	Observation of Non-Uniform Twin Microstructures in Dy123 Superconductor for Magnetic Biaxial Alignment. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
233	Tetragonal-Orthorhombic Structural Phase Transition in the (Gd2/3Ce1/3)4[La1/3(Ba1-xLax)2/3]4Cu6OzSystem. Japanese Journal of Applied Physics, 1990, 29, L426-L429.	1.5	3
234	Pressure effect on Tc of (Yb0.7Ca0.3)(Ba0.8Sr0.2)2Cu3Oz with various oxygen contents. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1291-1292.	1.2	3

#	Article	IF	Citations
235	Crystal chemistry of copper-based oxide superconductors and related compounds. Physica C: Superconductivity and Its Applications, 1991, 185-189, 729-730.	1.2	3
236	Film growth and roughness of YBCO thin films shown by X-ray reflection and RHEED. Physica C: Superconductivity and Its Applications, 1997, 277, 243-251.	1.2	3
237	YBCO Thin Films on<tex>$rm TiO_2$</tex>Buffer Layer Deposited by RF Magnetron Sputtering. IEEE Transactions on Applied Superconductivity, 2005, 15, 3028-3030.	1.7	3
238	Microstructures of High-<tex>$rm T_c$</tex>Superconducting Films Having Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2005, 15, 3718-3721.	1.7	3
239	Improvement of superconducting properties by BaTiO3 doping into ErBa2Cu3O7â˘Î´ films. Physica C: Superconductivity and Its Applications, 2006, 445-448, 841-844.	1.2	3
240	The Mechanism for the Formation of a-Axis Phase in High-Jc Sm1+xBa2-xCu3Oy Thick Films Prepared by Low Temperature Growth Technique. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2007, 71, 999-1005.	0.4	3
241	Critical temperature of LaBa2Cu3Oy thin films by vaporâ€"liquidâ€"solid growth technique improved by the composition ratio in liquid phase. Physica C: Superconductivity and Its Applications, 2008, 468, 1575-1578.	1.2	3
242	A research for controlling nanorod diameter in BaNb2O6 doped REBa2Cu3O7â˘Î´ films. Physica C: Superconductivity and Its Applications, 2008, 468, 1861-1863.	1.2	3
243	Flux pinning properties of REBa2Cu3Oy thin films with BaZrO3 nano-rods. Physica C: Superconductivity and Its Applications, 2008, 468, 1635-1637.	1.2	3
244	Progress towards nanostructured SmBCO film for controlling pinning properties. Journal of Physics: Conference Series, 2008, 97, 012021.	0.4	3
245	Effects of RE2O3 (RE=Tm, Sc, Yb) addition on the superconducting properties of ErBa2Cu3Oy. Physica C: Superconductivity and Its Applications, 2009, 469, 1157-1160.	1.2	3
246	Effects of the APC materials on c-axis correlated pinning effects in a-axis oriented Y123/2D APC multilayer films. Physica C: Superconductivity and Its Applications, 2009, 469, 1545-1549.	1.2	3
247	Stable barium compounds in YBa2Cu3Oy superconductors. Physica C: Superconductivity and Its Applications, 2011, 471, 859-862.	1.2	3
248	Recent progress in high-<i>T</i>_C superconducting wires and their applications for electric power apparatus. IEICE Electronics Express, 2012, 9, 1172-1183.	0.8	3
249	Variation of applied field angular dependence of critical current density in YBCO thin films against deposition temperature and composition. Physics Procedia, 2012, 27, 236-239.	1.2	3
250	Relationship between vortex pinning properties and microstructure in Baâ€"Nbâ€"O-doped YBa2Cu3Oy and ErBa2Cu3Oy films. Physica C: Superconductivity and Its Applications, 2013, 494, 158-162.	1.2	3
251	Study on introduction of SN transition type FCL into distribution systems. Physica C: Superconductivity and Its Applications, 2013, 494, 324-330.	1.2	3
252	Growth of a smooth CaF2layer on NdFeAsO thin film. Journal of Physics: Conference Series, 2014, 507, 012047.	0.4	3

#	Article	IF	Citations
253	Dependence of BaMO₃ (M=Zr, Sn, Hf) Materials on Lattice Stress and <i>T</i>_c in BaMO₃-Doped SmBa₂Cu₃O<i>_y</i> Thin Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2015, 50, 224-231.	0.1	3
254	Fabrication and critical current density analysis of YBa2Cu3O7+(BaSnO3)â€²/YBa2Cu3O7+(BaSnO3)â€³ multilayer films. Superconductor Science and Technology, 2016, 29, 085002.	3.5	3
255	High critical current density YBa2Cu3O7 coating on conductive Nb-doped SrTiO3 and Ni double-buffered {100}âŒ©001âŒª textured pure Cu tape for low-cost coated conductors without generation of any insulative oxides at interfaces. Applied Physics Express, 2019, 12, 023010.	2.4	3
256	Effect of Surface Liquid Layer during Film Growth On Morphology of BaHfO₃in YBa₂Cu₃O<i> _y </i>Coated Conductors Fabricated by Pulsed Laser Deposition. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	3
257	Structural properties of the nonsuperconductor (Ho, Ce)2(Sr, Ba, La)2Cu3O8+z. Physica C: Superconductivity and Its Applications, 1992, 191, 205-210.	1.2	2
258	High-speed growth of YBCO films by post-annealing of precursor films. AIP Conference Proceedings, 2002, , .	0.4	2
259	Evaluation of buffer materials for fluorine contained solid phase epitaxy of 123 films on MgO substrates. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1316-1320.	1.2	2
260	Crystal Orientation and Microstructure of CeO2 Thin Films Grown on Biaxially Textured Metallic Substrates. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 730-736.	0.4	2
261	Growth of EuBa2Cu3O7â^'Î´ films under an ozone atmosphere. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1429-1433.	1.2	2
262	Effect of Ta2O5 addition on the superconducting properties of REBa2Cu3Oy. Physica C: Superconductivity and Its Applications, 2006, 445-448, 391-394.	1.2	2
263	Microstructure and $J_{m C}$ Characteristics of Er123 Films With Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2007, 17, 3688-3691.	1.7	2
264	YBa2Cu3O7â^'x+YSZ mixed films with enhanced critical current densities in magnetic field. Physica C: Superconductivity and Its Applications, 2007, 463-465, 653-656.	1.2	2
265	Influence of Growth Temperature on Microstructure and Superconducting Properties of ${m ErBa}_{2}{m Cu}_{3}{m O}_{7-delta}$ Films With ${m Ba}({m Er}_{0.5}{m Nb}_{0.5}){m O}_{3}$ Nanorods. IEEE Transactions on Applied Superconductivity, 2009, 19, 3435-3438.	1.7	2
266	Crystal growth mechanism of VLS-Sm1+xBa2â^'xCu3Oy films including self-assembled BaZrO3 nanorods. Physica C: Superconductivity and Its Applications, 2009, 469, 1414-1417.	1.2	2
267	Fabrication and characteristics of artificial SNS junctions using three axes orientation-controlled<i>Î±</i>-axis oriented Y123/Pr123 multilayer films. Journal of Physics: Conference Series, 2010, 234, 012044.	0.4	2
268	Magnetization relaxation in YBCO films with improved supercurrent transport properties. Journal of Physics: Conference Series, 2010, 234, 012026.	0.4	2
269	Growth mechanism of nanorods in REBa2Cu3Oy films (RE: rare-earth element). Journal of Crystal Growth, 2010, 312, 2914-2918.	1.5	2
270	Effects of indium doping on the superconducting properties of YBa2Cu3Oy sintered compounds and thin films. Physica C: Superconductivity and Its Applications, 2010, 470, 1198-1200.	1.2	2

#	Article	IF	Citations
271	Structural investigation of the BaSnO3â€“YBa2Cu3O7âˆ’x system. Physica C: Superconductivity and Its Applications, 2010, 470, 1304-1307.	1.2	2
272	INFLUENCE OF COATING SOLUTION COMPOSITION ON REBa₂Cu₃O_y (RE=Gd AND Sm, Eu, Gd) FILMS FABRICATED BY FLUORINE-FREE METALâ€“ORGANIC DEPOSITION. Modern Physics Letters B, 2010, 24, 1165-1172.	1.9	2
273	Nanostructured epitaxial thin films of Fe-based superconductors with enhanced superconducting properties. Materials Research Society Symposia Proceedings, 2012, 1434, 35.	0.1	2
274	High critical current density and its magnetic fields dependence in (Sm,Eu,Gd)Ba2Cu3Oy films by using multiple targets. Physica C: Superconductivity and Its Applications, 2013, 484, 130-133.	1.2	2
275	Influence of Fe Buffer Layer on Co-Doped BaFe2As2Superconducting Thin Films. Advances in Condensed Matter Physics, 2015, 2015, 1-8.	1.1	2
276	The Longitudinal Magnetic Field Effect in Multilayered-SmBa₂Cu₃O_{<i>y</i>} Film at Wide Range Measurement Temperatures. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 439-442.	0.4	2
277	Investigation of the Longitudinal Magnetic Field Effect on Multilayered- Films Fabricated on Single-Crystal and Metal Substrates. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	2
278	Vortex Pinning Properties at Grain Boundary in SmBa2Cu3 ${ext{O}}_{y}$ Superconducting Films With BaHfO3 Nanorods Controlled via Low-Temperature Growth. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	2
279	Investigation of the longitudinal magnetic field effect in SmBa₂Cu₃O_{<i>y</i>} films with various shaped artificial pinning centers. Superconductor Science and Technology, 2019, 32, 035004.	3.5	2
280	Enhancement of <i>I_c </i> of BaHfO₃ -Doped REBCO Thick Coated Conductor Using Vapor-Liquid-Solid Growth Technique. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	2
281	Critical Current Density and Vortex Dynamics in Pristine and Irradiated KCa2Fe4As4F2. Materials, 2021, 14, 5283.	2.9	2
282	Microstructures and Superconducting Properties of BHO-doped SmBa₂Cu₃O<i>_y</i> Thin Films Grown by Changing the Growth Temperature using the PLD-LTG Technique. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 292 Td (Su	0.1	2
283	Flux Pinning Properties in Y₂BaCuO₅-Doped YBa₂Cu₃O<i>_y</i> Films Fabricated with Vapor-Liquid-Solid Growth Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 335-340.	0.4	2
284	Crystal structure and superconducting properties of layered copper oxides containing â€œ123â€•block and single-MO2-unit fluorite block :. Physica C: Superconductivity and Its Applications, 1991, 185-189, 609-610.	1.2	1
285	Crystal growth of superconducting (Eu,Ce)2(Ba,Eu)2Cu3O8+z. Journal of Crystal Growth, 1991, 114, 59-63.	1.5	1
286	Microstructures of YBCO precursor films including BaF2 annealed at a low pressure of oxygen atmosphere. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1052-1055.	1.2	1
287	Microstructures of YBa/sub 2/Cu/sub 3/O/sub 7-X/ films prepared by low-pressure oxygen atmosphere post-annealing of precursor films using Y, BaF/sub 2/ and Cu. IEEE Transactions on Applied Superconductivity, 2003, 13, 2520-2523.	1.7	1
288	Oxygen-Annealing Effects on Superconducting Properties of ErBa2Cu3Oy Thin Films Fabricated by Pulsed Laser Deposition Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 748-755.	0.4	1

#	Article	IF	Citations
289	Crystal distortion associated with orthoâ€“tetra transition of REBa2Cu3Ox films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1010-1014.	1.2	1
290	Superconducting properties of REBa2Cu3Oy (RE=Y and Gd) films prepared by BaF2 process without water vapor. Physica C: Superconductivity and Its Applications, 2006, 445-448, 587-589.	1.2	1
291	Surface resistance of RE123 films with artificial pinning centers. Physica C: Superconductivity and Its Applications, 2006, 445-448, 828-832.	1.2	1
292	GROWTH OF GdBa₂Cu₃O_y FILMS PREPARED BY BaF₂ PROCESS WITHOUT WATER VAPOR. Modern Physics Letters B, 2007, 21, 1377-1382.	1.9	1
293	Enhancement of critical temperature of LaBa2Cu3Oy thin films by novel film growth technique. Physica C: Superconductivity and Its Applications, 2008, 468, 1623-1626.	1.2	1
294	Superconducting properties and microstructure of PLD-ErBa₂Cu₃O_{7-Î´} films with BaNb₂O₆. Journal of Physics: Conference Series, 2008, 97, 012143.	0.4	1
295	An Attempt to Arrange BZO Nanorods Into ErBCO Thin Films. IEEE Transactions on Applied Superconductivity, 2009, 19, 3420-3422.	1.7	1
296	Fabrication and characterization of (Nd,Eu,Gd)Ba2Cu3Oy films by metal-organic deposition using TFA-containing solutions without introduction of water vapor. Physica C: Superconductivity and Its Applications, 2009, 469, 1353-1356.	1.2	1
297	Reciprocal space mapping of BaZrO3 within (Nd,Eu,Gd)Ba2Cu3Oy films prepared by various film growth techniques. Physica C: Superconductivity and Its Applications, 2009, 469, 1400-1403.	1.2	1
298	Vortex Behaviors Near Irreversibility Fields of a-Axis Oriented Y123 Films Inserted Pr123 Layers. IEEE Transactions on Applied Superconductivity, 2009, 19, 3499-3502.	1.7	1
299	Microstructures of REBa2Cu3O7âˆ'y Films Doped with Artificial Pinning Center Fabricated by Vapor-Liquid-Solid Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2010, 74, 416-421.	0.4	1
300	Introduction of Artificial Pinning Centers to Improve Jc Properties of REBa2Cu3Oy Films under Magnetic Fields. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2010, 74, 409-415.	0.4	1
301	Formation Mechanism of BaZrO3 Nanorods in SmBa2Cu3Oy Thin Films. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2010, 74, 422-427.	0.4	1
302	Origin of the fast magnetization relaxation at low temperatures in HTS with strong pinning. Physica C: Superconductivity and Its Applications, 2010, 470, 1126-1129.	1.2	1
303	Relationship between surface structure and one-dimensional nanorod growth in ErBa₂Cu₃O_{7âˆ'Î´}films on vicinal SrTiO₃substrates. Journal of Physics: Conference Series, 2010, 234, 012022.	0.4	1
304	An Explanation for Bends of 1-Dimensional Nanorods. Physics Procedia, 2012, 36, 1631-1636.	1.2	1
305	Dependence of critical current properties on growth temperature and doping level of nanorods in PLD-YBa2Cu3Oy films. Physica C: Superconductivity and Its Applications, 2013, 494, 140-143.	1.2	1
306	Mechanism of crystal alignment of CaO-stabilized ZrO₂through a mismatched interface of {110} âŒ©001âŒª textured iron tape. Japanese Journal of Applied Physics, 2015, 54, 080302.	1.5	1

#	Article	IF	Citations
307	Fabrication of YBa₂Cu₃O₇ Superconducting Film on {100}â€ˆ001â€‰ Textured Cu Tape via Conductive Buffer Layers. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 428-433.	0.4	1
308	Observation of Microstructure and Superconducting Properties for Ba₂SmNbO₆-Doped SmBa₂Cu₃O_{<i>y</i>} Films. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 434-438.	0.4	1
309	Microstructures of YBa2Cu3Oy Layers Deposited on Conductive Layer-Buffered Metal Tapes. Physics Procedia, 2016, 81, 113-116.	1.2	1
310	Peculiar critical current density and irreversibility line in double perovskite Ba₂SmNbO₆-doped SmBa₂Cu₃O<i>_y</i>film prepared by Nd:YAG pulsed laser deposition. Japanese Journal of Applied Physics, 2017, 56, 073101.	1.5	1
311	Microstructure of Candidate Conductive Buffer and Superconducting Layers in a Coated Conductor Using {100} <001> Textured Cu Tape. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	1
312	In-Plane Anisotropy of Transport Property in BaTbO3-Doped SmBa2Cu3O y Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	1
313	Fabrication of YBa₂Cu₃O_y coated conductor by Vapor-Liquid-Solid growth technique using a Reel-to-Reel system. Journal of Physics: Conference Series, 2020, 1590, 012029.	0.4	1
314	Self-organized formation of a-few-nanometer sized nanocolumns in chalcogenide-oxide nanocomposite film. Thin Solid Films, 2021, 733, 138802.	1.8	1
315	Feasibility Study on High-Tc SMES. TEION KOGAKU (Journal of Cryogenics and Superconductivity) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	1
316	Perovskite Structures in the Formation of Nano-rods in REBa2Cu3O7-.DELTA. Films Self-organization to perovskite structures. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 25-31.	0.1	1
317	Improvement of JC Properties through Control of Nanorod Morphology. TEION KOGAKU (Journal of) Tj ETQq1 1 0.784314 rgBT /Overloc	0.1	1
318	Superconducting Properties and Microstructures of BaHfO3-doped SmBa2Cu3Oy Films Fabricated using a Low-temperature Growth Technique. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (S	0.1	1
319	Synthesis of Biaxially Aligned Y2O3 Buffer Layer Directly on Ni Tapes through the Electron Beam Deposition. , 1998, , 615-618.		1
320	Effects of Splayed Columnar Defects on Critical Current Density in CaKFe₄As₄. Journal of Physics: Conference Series, 2020, 1590, 012015.	0.4	1
321	Fabrication of Fe(Te,Se) films added with oxide or chalcogenide: Influence of added material on phase formation and superconducting properties. Journal of Applied Physics, 2022, 131, 103901.	2.5	1
322	Growth and photo-response of (110) oriented BaBiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math> films on SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math> (001) substrates. Thin Solid Films, 2022, 749, 139167.	1.8	1
323	Flow characteristics of single phase natural circulation in parallel channel.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1989, 55, 182-187.	0.2	0
324	Orthorhombic nonsuperconductor (Gd, Ce)4(La, Ba)4Cu6O17.94. Physica C: Superconductivity and Its Applications, 1990, 171, 561-566.	1.2	0

#	Article	IF	Citations
325	Raman Scattering Spectra of (Sm2/3Ce1/3)2(Ba2/3Sm1/3)2Cu3O9. Journal of the Physical Society of Japan, 1991, 60, 1204-1207.	1.6	0
326	Layered copper oxide series, (Fe, Cu) Sr2 (Y, Ce)nCu2O4+2n+z, containing multiple-MO2-unit fluorite block. Physica C: Superconductivity and Its Applications, 1991, 185-189, 599-600.	1.2	0
327	Electromagnetic Connectivity and Microstructure in YBa₂Cu₃O_{7-Î´} Films on Rolling-Assisted Biaxially-Textured Substrates. Materials Science Forum, 1999, 294-296, 165-168.	0.3	0
328	Preparation and microstructures of high-current density YBCO films by no-water post-annealing of precursor films including BaF2. Physica C: Superconductivity and Its Applications, 2003, 392-396, 927-931.	1.2	0
329	Microstructures and Critical Current Properties for YBCO Films Prepared by No-Additional-Water Annealing of Pre-Cursor Films Depoisted Y, BaF2 and Cu. AIP Conference Proceedings, 2004, , .	0.4	0
330	Preparation of YBa2Cu3O7â^'x films on cap-layer-buffered MgO substrates using precursor films deposited from Y, BaF2 and Cu. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1321-1325.	1.2	0
331	J Characteristics in High Magnetic Field of RE1+xBa2-xCu3O6+y Films prepared by Pulsed Laser Deposition. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 737-741.	0.4	0
332	Control of Y2O3 nano-islands density to introduce artificial pinning centers in YBCO thin films. Materials Research Society Symposia Proceedings, 2005, 868, 8141.	0.1	0
333	Microstructures of High-${m T}_{m C}$ Superconducting Films Introduced Zero-Dimensional and One-Dimensional Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2007, 17, 3701-3704.	1.7	0
334	REBa2Cu3O7-Î´ç³»ç·šæã·ãã®é«˜JcåŒ–. Materia Japan, 2007, 46, 581-586.	0.1	0
335	Microstructures of BaZrO3-doped ErBa2Cu3Oy films fabricated by different BaZrO3 supply. Physica C: Superconductivity and Its Applications, 2007, 463-465, 657-660.	1.2	0
336	Critical current properties at low angle grain boundaries in ErBa2Cu3Oy films. Physica C: Superconductivity and Its Applications, 2008, 468, 1670-1673.	1.2	0
337	A novel 2-dimensional artificial pinning center. Journal of Physics: Conference Series, 2008, 97, 012153.	0.4	0
338	Growth of ${m BaSnO}_{3}$ Doped ${m ErBa}_{2}{m Cu}_{3}{m O}_{7-delta}$ Thin Films on MgO Substrates for High ${mmb J}_{f C}$ Applications. IEEE Transactions on Applied Superconductivity, 2009, 19, 3416-3419.	1.7	0
339	A research for improvement of crystallinity and critical temperature by oxygen pressure in ErBa2Cu3O7â^'Î´ films. Physica C: Superconductivity and Its Applications, 2009, 469, 1384-1387.	1.2	0
340	Effect of ${m BaZrO}_{3}$ Addition and Film Growth on Superconducting Properties of $({m) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Superconductivity, 2009, 19, 3144-3147.	1.7	0
341	Superconducting properties of Sm0.33Eu0.33Gd0.33Ba2Cu3Oy films by metal-organic deposition using metal 2-ethylhexanates. Physica C: Superconductivity and Its Applications, 2010, 470, 1249-1252.	1.2	0
342	Relationship between critical current properties and nanorod morphology in REBa2Cu3Oy thin films. Materials Research Society Symposia Proceedings, 2012, 1434, 63.	0.1	0

#	Article	IF	Citations
343	Phase Formation of YbBa2Cu4O8Films in Metalâ€"Organic Deposition Method. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	0
344	Improvement of anisotropy of superconducting properties in Y-rich YBa₂Cu₃O_y film in magnetic fields. Journal of Physics: Conference Series, 2019, 1293, 012030.	0.4	0
345	Microstructure and Critical Current of Commercially Available Coated Conductors (Rare-Earth-Based) Tj ETQq1 1 0.784314 rgBT /Overlo 327-334.	0.4	0
346	Microstructure of coated conductors with La- or Nb-doped SrTiO3 conductive buffer. Journal of Physics: Conference Series, 2020, 1559, 012032.	0.4	0
347	Microstructure of YBa2Cu3Oy coated conductor using {100} âŸ¨001âŸ© textured Cu tape with dual functions of metal substrate and electric stabilizing layer in order to develop low-cost high-TC superconducting wires. AIP Advances, 2020, 10, 095305.	1.3	0
348	Crystallinity of YBa2Cu3O7-.DELTA. Thin Films on Various Buffer Layers for Microwave Devices. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2003, 38, 546-553.	0.1	0
349	Superconducting Characteristics of ErBa2Cu3O7-.DELTA. Films with BaZrO3 Nano-rods in a Magnetic Field. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2006, 41, 123-130.	0.1	0
350	Recent Progress in the Superconductivity Research Field -Application of Superconducting Tapes and Discovery of New Materials-. IEEJ Transactions on Fundamentals and Materials, 2009, 129, 78-80.	0.2	0
351	Development of High-performance YBCO Tapes Containing Hybrid APCs. TEION KOGAKU (Journal of) Tj ETQq1 1 0.784314 rgBT /Overlo	0.1	0
352	Structure and Superconducting Properties of [(Ln1-xLn*x)1/2(Ba1-ySry)1/3Ce1/6]8Cu6Oz. , 1990, , 63-68.		0
353	Superconducting Properties of (GdCe)4(LaBaSr)4Cu6O18.8. , 1990, , 627-630.		0
354	Phonons in (Sm,Ce)2(Ba,Sm)2Cu3Ox. , 1991, , 215-218.		0
355	Microstructure and AC-Susceptibility of (Y,Ca)Ba2Cu4O8 Superconductors Prepared at Low (3 atm) and High (400 atm) Oxygen Pressure. , 1991, , 279-282.		0
356	X-Ray Rietveld Refinement of Orthorhombic and Tetragonal (Tl,Pb)Sr2CuO5â^'z. , 1991, , 371-374.		0
357	New Layered Copper Oxides Containing Double-MO2-Unit Fluorite Block. , 1991, , 327-330.		0
358	Possibility of Superconductivity Destruction Caused by Neither the Reduction of Hole Concentration nor Impurity Doping. Springer Proceedings in Physics, 1992, , 421-423.	0.2	0
359	In-Field <i>J</i>_c Properties in the Longitudinal Magnetic Field of BaHfO₃-Doped-Multilayered SmBa₂Cu₃O<i>_y</i> Films on Metal Tapes for the Cable Application. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 314-319.	0.4	0