Ataru Ichinose

List of Publications by Year
in descending order

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359	5,140	109321	155660
papers	citations	35 h-index	55 g-index

364	364	364	1876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	Sulfur-induced magnetism in FeSe1â^'xSx thin films on LaAlO3 revealed by muon spin rotation/relaxation. Physical Review B, 2021, 103, .	3.2	4
7	Effect of Surface Liquid Layer during Film Growth On Morphology of BaHfO₃in YBa₂Cu₃O _y Coated Conductors Fabricated by Pulsed Laser Deposition. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	3
8	Enhancement of I_c 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
9	Ultra-Fine Nb₃Al Mono-Core Wires and Cables. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	9
10	Superconducting properties of commercial REBCO-coated conductors with artificial pinning centers. Superconductor Science and Technology, 2021, 34, 105005.	3.5	25
11	Self-organized formation of a-few-nanometer sized nanocolumns in chalcogenide-oxide nanocomposite film. Thin Solid Films, 2021, 733, 138802.	1.8	1
12	Critical Current Density and Vortex Dynamics in Pristine and Irradiated KCa2Fe4As4F2. Materials, 2021, 14, 5283.	2.9	2
13	Synthesis and Characterization of Al- and SnO2-Doped ZnO Thermoelectric Thin Films. Materials, 2021, 14, 6929.	2.9	6
14	Microstructure of coated conductors with La- or Nb-doped SrTiO3 conductive buffer. Journal of Physics: Conference Series, 2020, 1559, 012032.	0.4	0
15	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
16	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
17	Twofold role of columnar defects in iron based superconductors. Superconductor Science and Technology, 2020, 33, 094012.	3.5	15
18	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</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi 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

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19	Effects of Splayed Columnar Defects on Critical Current Density in CaKFe₄As₄. Journal of Physics: Conference Series, 2020, 1590, 012015.	0.4	1
20	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
21	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
22	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
23	In-Plane Anisotropy of Transport Property in BaTbO3-Doped SmBa2Cu3O y Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	1
24	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
25	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
26	Flux Pinning by Columnar Defects Along a-axis in a-axis Oriented YBCO Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	5
27	Microstructure and Critical Current of Commercially Available Coated Conductors (Rare-Earth-Based) Tj ETQq1 1 0.784314 rgBT /Overlo 327-334.	0.4	0
28	Investigation of the longitudinal magnetic field effect in SmBa₂Cu₃O_y films with various shaped artificial pinning centers. Superconductor Science and Technology, 2019, 32, 035004.	3.5	2
29	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
30	Flux Pinning Properties in Y₂BaCuO₅-Doped YBa₂Cu₃O_y 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
31	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</mml:mn> mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn> superconductor with splayed columnar defects. Physical Review B, 2018, 97, .	3.2	9
32	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
33	Anisotropy of critical current densities in Ba_{1â^'x}K _x Fe₂As₂ and Ba(Fe_{1â^'x}Co _x) Tj ETQq1 1 0.784314 rgBT /Overlock Series, 2018, 1054, 012020.	0.4	4
34	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
35	Angular behavior of flux dynamics in YBCO films with crossed columnar defects around the ab-plane. Superconductor Science and Technology, 2018, 31, 125002.	3.5	8
36	High infield performance and critical temperatures in post-annealed MgB2 films. Applied Physics Express, 2018, 11, 093102.	2.4	6

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37	Channeling particle 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		

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55	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
56	Origin of lattice compression of FeSe1-xTex thin films on CaF2 substrates. AIP Advances, 2016, 6, 095314.	1.3	12
57	Phase Formation of YbBa2Cu4O8Films in Metalâ€“Organic Deposition Method. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	0
58	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
59	Hall-plot of the phase diagram for Ba(Fe1â^'xCox)2As2. Scientific Reports, 2016, 6, 28390.	3.3	30
60	Hybrid artificial pinning centers of elongated-nanorods and segmented-nanorods in YBa₂Cu₃O₇films. Superconductor Science and Technology, 2016, 29, 105010.	3.5	14
61	Improvement in Jc performance below liquid nitrogen temperature for SmBa2Cu3Oy superconducting films with BaHfO3 nano-rods controlled by low-temperature growth. APL Materials, 2016, 4, .	5.1	44
62	Microstructures of YBa2Cu3Oy Layers Deposited on Conductive Layer-Buffered Metal Tapes. Physics Procedia, 2016, 81, 113-116.	1.2	1
63	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
64	Effect of self-grown seed layer on thermoelectric properties of ZnO thin films. Thin Solid Films, 2016, 605, 289-294.	1.8	36
65	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
66	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
67	Dependence of BaMO₃ (M=Zr, Sn, Hf) Materials on Lattice Stress and T_c in BaMO₃-Doped SmBa₂Cu₃O_y Thin Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2015, 50, 224-231.	0.1	3
68	Influence of Fe Buffer Layer on Co-Doped BaFe2As2Superconducting Thin Films. Advances in Condensed Matter Physics, 2015, 2015, 1-8.	1.1	2
69	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
70	Vortex pinning at low temperature under high magnetic field in SmBa₂Cu₃O_ysuperconducting films with high number density and small size of BaHfO₃nano-rods. Superconductor Science and Technology, 2015, 28, 114006.	3.5	14
71	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
72	High pinning performance of YBa₂Cu₃O_{7â^'x}films added with Y₂O₃nanoparticulate defects. Superconductor Science and Technology, 2015, 28, 024002.	3.5	40

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73	Effect of BaHfO3introduction on the transport current at the grain boundaries in SmBa2Cu3Oyfilms. Applied Physics Express, 2015, 8, 033101.	2.4	15
74	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
75	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
76	Characteristics of high-performance BaHfO₃-doped SmBa₂Cu₃O_ysuperconducting films fabricated with a seed layer and low-temperature growth. Superconductor Science and Technology, 2015, 28, 065013.	3.5	30
77	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
78	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
79	Mechanism of crystal alignment of CaO-stabilized ZrO₂through a mismatched interface of {110} â€©001â€² textured iron tape. Japanese Journal of Applied Physics, 2015, 54, 080302.	1.5	1
80	Direct growth of superconducting NdFeAs(O,F) thin films by MBE. Physica C: Superconductivity and Its Applications, 2015, 518, 69-72.	1.2	11
81	Microstructures and Superconducting Properties of BHO-doped SmBa₂Cu₃O_y Thin Films Grown by Changing the Growth Temperature using the PLD-LTG Technique. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.1	2
82	Growth of a smooth CaF2layer on NdFeAsO thin film. Journal of Physics: Conference Series, 2014, 507, 012047.	0.4	3
83	Influence of strain and composition on Tc in FeSe1â^'xTex films. Journal of Applied Physics, 2014, 116, 213906.	2.5	11
84	BaMO₃(M=Zr, Hf, Sn) material dependence ofT_creduction in BaMO₃-doped SmBa₂Cu₃O_y, films. Journal of Physics: Conference Series, 2014, 507, 022043.	0.4	9
85	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
86	Highly textured oxypnictide superconducting thin films on metal substrates. Applied Physics Letters, 2014, 105, .	3.3	25
87	Effects of selective lattice deformation on YbBa₂Cu₄O₈ and YBa₂Cu₃O₇ epitaxial films. Applied Physics Letters, 2014, 104, 102601.	3.3	5
88	Inversion of the upper critical field anisotropy in FeTeS films. Superconductor Science and Technology, 2014, 27, 044005.	3.5	10
89	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
90	The influence of the geometric characteristics of nanorods on the flux pinning in high-performance BaMO₃-doped SmBa₂Cu₃O_yfilms (M = Hf, Sn). Superconductor Science and Technology, 2014, 27, 065001.	3.5	57

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91	Thermoelectric Properties of Al-Doped ZnO Thin Films. Journal of Electronic Materials, 2014, 43, 2145-2150.	2.2	28
92	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
93	Elastic strain evolution in nanocomposite structure of YBa₂Cu₃O₇+BaZrO₃superconducting films. Japanese Journal of Applied Physics, 2014, 53, 083101.	1.5	19
94	Enhanced thermoelectric performance of Al-doped ZnO thin films on amorphous substrate. Japanese Journal of Applied Physics, 2014, 53, 060306.	1.5	44
95	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
96	Development of High-performance YBCO Tapes Containing Hybrid APCs. TEION KOGAKU (Journal of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	0
97	Superconducting Properties and Microstructures of BaHfO3-doped SmBa2Cu3Oy Films Fabricated using a Low-temperature Growth Technique. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.1	0
98	J_cimprovement by double artificial pinning centers of BaSnO₃nanorods and Y₂O₃nanoparticles in YBa₂Cu₃O₇coated conductors. Superconductor Science and Technology, 2013, 26, 075019.	3.5	79
99	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
100	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
101	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
102	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
103	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
104	Study on introduction of SN transition type FCL into distribution systems. Physica C: Superconductivity and Its Applications, 2013, 494, 324-330.	1.2	3
105	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
106	Effect of substrate on thermoelectric properties of Al-doped ZnO thin films. Applied Physics Letters, 2013, 102, .	3.3	88
107	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
108	Versatile fluoride substrates for Fe-based superconducting thin films. Applied Physics Letters, 2013, 102, .	3.3	45

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109	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
110	Intrinsic pinning and the critical current scaling of clean epitaxial Fe(Se,Te) thin films. Physical Review B, 2013, 87, .	3.2	51
111	Oxypnictide SmFeAs(O,F) superconductor: a candidate for highâ€“field magnet applications. Scientific Reports, 2013, 3, 2139.	3.3	42
112	Improvement of JC Properties through Control of Nanorod Morphology. TEION KOGAKU (Journal of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	1
113	Relationship between critical current properties and nanorod morphology in REBa2Cu3Oy thin films. Materials Research Society Symposia Proceedings, 2012, 1434, 63.	0.1	0
114	Empirical Selection Rule of Substrate Materials for Iron Chalcogenide Superconducting Thin Films. Japanese Journal of Applied Physics, 2012, 51, 010104.	1.5	17
115	Nanostructured epitaxial thin films of Fe-based superconductors with enhanced superconducting properties. Materials Research Society Symposia Proceedings, 2012, 1434, 35.	0.1	2
116	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
117	An Explanation for Bends of 1-Dimensional Nanorods. Physics Procedia, 2012, 36, 1631-1636.	1.2	1
118	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
119	Feâ€“Teâ€“Se epitaxial thin films with enhanced superconducting properties. Superconductor Science and Technology, 2012, 25, 084021.	3.5	36
120	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
121	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
122	Empirical Selection Rule of Substrate Materials for Iron Chalcogenide Superconducting Thin Films. Japanese Journal of Applied Physics, 2012, 51, 010104.	1.5	19
123	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
124	Mobility Analysis of FeTe Thin Films. Journal of the Physical Society of Japan, 2011, 80, 023712.	1.6	17
125	Hall effect of FeTe and Fe(Se1â€“xTex) thin films. Physica C: Superconductivity and Its Applications, 2011, 471, 625-629.	1.2	20
126	Stable barium compounds in YBa2Cu3Oy superconductors. Physica C: Superconductivity and Its Applications, 2011, 471, 859-862.	1.2	3

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127	Epitaxial films of FeTe1â˜'xSx fabricated by second harmonic Nd:YAG pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2011, 471, 1185-1188.	1.2	11
128	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
129	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
130	Fabrication and characteristics of artificial SNS junctions using three axes orientation-controlledÎ±-axis oriented Y123/Pr123 multilayer films. Journal of Physics: Conference Series, 2010, 234, 012044.	0.4	2
131	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
132	Magnetization relaxation in YBCO films with improved supercurrent transport properties. Journal of Physics: Conference Series, 2010, 234, 012026.	0.4	2
133	Microstructures of REBa2Cu3O7â˜'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
134	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
135	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
136	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
137	Growth mechanism of nanorods in REBa2Cu3Oy films (RE: rare-earth element). Journal of Crystal Growth, 2010, 312, 2914-2918.	1.5	2
138	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
139	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
140	Structural investigation of the BaSnO3â€"YBa2Cu3O7â˜'x system. Physica C: Superconductivity and Its Applications, 2010, 470, 1304-1307.	1.2	2
141	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
142	Relationship between surface structure and one-dimensional nanorod growth in ErBa₂Cu₃0_{7â˜'Î´}films on vicinal SrTi0₃substrates. Journal of Physics: Conference Series, 2010, 234, 012022.	0.4	1
143	Flux pinning properties and microstructure of SmBa2Cu3Oy thin films with systematically controlled BaZrO3 nanorods. Journal of Applied Physics, 2010, 108, 093905.	2.5	45
144	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

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145	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
146	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
147	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
148	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
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