Takanobu Kiss

List of Publications by Year
in descending order

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180	2,711	249298	299063
papers	citations	26 h-index	42 g-index

181	181	181	1297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scaling Behavior of Induced Electric Field in Cuprate Superconducting Tapes During Magnetization Relaxation. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	1
2	Measurement of In-Field E-J Characteristics in Multi-Filamentary Bi-2223 Tapes at Ultra-Low Electric-Field Down to Around 10^{â˜'13} V/m. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	2
3	Automatic Detection of Local Obstacles in a Long Length RE-123 Coated Conductor by Deep Learning Based Image Classification in Reel-to-Reel Magnetic Microscopy. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.1	1
4	Current Capacity of Cu-Sheathed Multifilamentary Coated Conductors Under the Influence of Spatial Variation of Local Critical Currents in Each Filament. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	4
5	Development of Long-Length BMO-Doped REBCO Coated Conductors by Hot-Wall PLD Process. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	19
6	Enhancement of In-Field Critical Current Density of BaZrO3-Added (Y, Gd) BCO-Coated Conductors by Using a Multi-Coating TFA-MOD Method. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	1
7	International Round Robin Test for Critical Current Measurement of RE-Ba-Cu-O Superconducting Tapes. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	9
8	Characterization of Multifilamentary REBCO Coated Conductor Coil Fabricated by Using the Process of Scratching the IBAD-MgO Layer. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	9
9	Characterization of Local Critical Current Distribution in Multifilamentary Coated Conductor Based on Reel-to-Reel Scanning Hall-Probe Microscopy. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	13
10	Characterization of Critical Current Distribution in Roebel Cable Strands Based on Reel-to-Reel Scanning Hall-Probe Microscopy. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	6
11	BMO-Doped REBCO-Coated Conductors for Uniform In-Field I_{c} by Hot-Wall PLD Process Using IBAD Template. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	37
12	Three-Dimensional Analysis of MgB₂Wire by use of X-ray Micro-Tomography. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	7
13	Comparison between Bi-2223 tape and RE-123 coated conductor from the view point of current transport properties influencing thermal stability. Cryogenics, 2016, 80, 221-228.	0.9	11
14	Multi-filamentary REBCO tapes fabricated by scratching a buffer layer along the tape longitudinal direction. Physica C: Superconductivity and Its Applications, 2016, 530, 68-71.	0.6	7
15	Hardware-in-the-Loop Simulation of Superconducting Devices for DC Electric Railway Systems Based on a Real-Time Digital Simulator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	7
16	Magnetic Microscopy for Nondestructive Characterization of Local Critical Current Distribution in MgB₂Wires With Magnetic Sheath Materials. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	5
17	Critical Current Density in Gd1Ba2Cu3O7-Î´ Coated Conductor Under the Influence of Flux Creep. Physics Procedia, 2015, 67, 926-930.	1.2	7
18	Enhancement of In-field Jc in Gd1Ba2Cu3O7-Î´ Coated Conductor by Using Highly Oriented IBAD Substrate. Physics Procedia, 2015, 67, 903-907.	1.2	4

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19	Influence of Internal Magnetic Field Distribution on Critical Currents in a Single and Assembled Bi-2223 Tapes. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	4
20	Current Transport Properties of TFA-MOD Processed Long-Length <inline-formula> <tex-math notation="LaTeX">$mbox{Y}_{mathrm{x}}mbox{Gd}_{1mbox{-}{mathrm{x}}}mbox{Ba}_{2}mbox{Cu}_{3}mbox{O}_{mathrm{y}}$</tex-math></inline-formula> Coated Conductor Doped With <inline-formula> <tex-math notation="LaTeX">$mbox{BaZrO}_{3}$</tex-math></inline-formula> Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	2
21	Development of REBCO Coated Conductors by TFA-MOD Method With High Properties in Magnetic Fields. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	11
22	Inversion of the upper critical field anisotropy in FeTeS films. Superconductor Science and Technology, 2014, 27, 044005.	1.8	10
23	Nondestructive Diagnostics of Narrow Coated Conductors for Electric Power Applications. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	19
24	Magnetic microscopy for characterization of local critical current in iron-sheathed MgB2 wires. Physica C: Superconductivity and Its Applications, 2014, 504, 62-64.	0.6	9
25	Progress in Rï¼†D of coated conductor in M-PACC project. Progress in Superconductivity and Cryogenics (PSAC), 2014, 16, 1-6.	0.3	1
26	Enhancement of In-Field Current Transport Properties in GdBCO Coated Conductors by $hbox{BaHfO}_{3}$ Doping. IEEE Transactions on Applied Superconductivity, 2013, 23, 8002304-8002304.	1.1	23
27	Effect of holding temperature on microstructures and Jc properties of YBa2Cu3O7â^'X films fabricated by TFA-MOD method. Physica C: Superconductivity and Its Applications, 2013, 494, 144-147.	0.6	13
28	Development of High I Long REBCO Tapes with High Production Rate by PLD Method. Physics Procedia, 2013, 45, 145-148.	1.2	3
29	Lateral Distribution of Critical Current Density in Coated Conductors Slit by Different Cutting Methods. IEEE Transactions on Applied Superconductivity, 2013, 23, 6602704-6602704.	1.1	12
30	Development of REBCO Coated Conductors by TFA-MOD Method With High Characteristic in Magnetic Field. IEEE Transactions on Applied Superconductivity, 2013, 23, 6601704-6601704.	1.1	13
31	Measurement of in-plane magnetic relaxation in RE-123 coated conductors by use of scanning Hall probe microscopy. Physica C: Superconductivity and Its Applications, 2013, 484, 139-141.	0.6	15
32	Study of Factors in Joint Resistance for GdBCO Coated Conductors. Physics Procedia, 2013, 45, 165-168.	1.2	13
33	Highly effective and isotropic pinning in epitaxial Fe(Se,Te) thin films grown on CaF2 substrates. Applied Physics Letters, 2013, 103, .	1.5	59
34	Mechanism of Self-Epitaxy in Buffer Layer for Coated Conductors. IEEE Transactions on Applied Superconductivity, 2013, 23, 6601005-6601005.	1.1	9
35	Fabrication of BaHfO₃doped Gd₁Ba₂Cu₃O_{7â^'Î´}coated conductors with the highI_cof 85 A/cm-w under 3 T at liquid nitrogen temperature (77 K). Superconductor Science and Technology, 2012, 25, 062002.	1.8	196
36	Estimation of Local Current Transport Properties in Thin Film Superconductor Based on Scanning Hall-probe Microscopy. Materials Research Society Symposia Proceedings, 2012, 1434, 57.	0.1	2

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37	Noncontact Characterization of In-Plane Distribution of Critical Current Desity in Multifilamentary Coated Conductor. IEEE Transactions on Applied Superconductivity, 2012, 22, 9500704-9500704.	1.1	9
38	Equal-Channel Angular Pressing and High-Pressure Torsion of Pure Copper: Evolution of Electrical Conductivity and Hardness with Strain. Materials Transactions, 2012, 53, 123-127.	0.4	77
39	Nanostructured epitaxial thin films of Fe-based superconductors with enhanced superconducting properties. Materials Research Society Symposia Proceedings, 2012, 1434, 35.	0.1	2
40	Feasibility Study on a 400 kW–3600 rpm REBCO Fully Superconducting Motor. IEEE Transactions on Applied Superconductivity, 2012, 22, 5201204-5201204.	1.1	7
41	Influence of Gas Flow and Improvement of Homogeneity on the Distribution of Critical Current Density in YBCO Coated Conductor Processed by TFA-MOD Method. Physics Procedia, 2012, 36, 1637-1642.	1.2	0
42	Feâ€“Teâ€“Se epitaxial thin films with enhanced superconducting properties. Superconductor Science and Technology, 2012, 25, 084021.	1.8	36
43	Growth process of BaZrO3 doped YBCO films by TFA-MOD method. Physics Procedia, 2012, 27, 212-215.	1.2	4
44	High-speed scanning Hall-probe microscopy for two-dimensional characterization of local critical current density in long-length coated conductor. Physics Procedia, 2012, 27, 228-231.	1.2	10
45	Flux pinning properties of YBCO films with nano-particles by TFA-MOD method. Physics Procedia, 2012, 27, 240-243.	1.2	3
46	Transport Characterization of ${m GdBa}_{2}{m Cu}_{3}{m O}_{7-delta}$ Coated Conductors Deposited by the In-Plume PLD Reel-to-Reel Technique. IEEE Transactions on Applied Superconductivity, 2011, 21, 3154-3158.	1.1	1
47	Recent Progress in High Performance Ag-Sheathed Bi2223 Wire (DI-BSCCO^{Â®}). IOP Conference Series: Materials Science and Engineering, 2011, 18, 152001.	0.3	15
48	In-Field Current Transport Properties of 600 A-Class ${m GdBa}_{2}{m Cu}_{3}{m O}_{7-delta}$ Coated Conductor Utilizing IBAD Template. IEEE Transactions on Applied Superconductivity, 2011, 21, 3206-3209.	1.1	13
49	Local Investigation of Spatial Homogeneity in 600 A/cm-w Class ${hbox {GdBa}}_{2}{hbox {Cu}}_{3}{hbox {O}}_{7-delta}$ PLD Coated Conductor. IEEE Transactions on Applied Superconductivity, 2011, 21, 3393-3397.	1.1	5
50	Joint properties of REBCO coated conductors. Physica C: Superconductivity and Its Applications, 2011, 471, 987-989.	0.6	14
51	Scanning Hall-probe microscopy system for two-dimensional imaging of critical current density in RE-123 coated conductors. Physica C: Superconductivity and Its Applications, 2011, 471, 1036-1040.	0.6	28
52	Measurement of local critical currents in TFA-MOD processed coated conductors by use of scanning Hall-probe microscopy. Physica C: Superconductivity and Its Applications, 2011, 471, 1041-1044.	0.6	1
53	Epitaxial films of FeTe1â^'xSx fabricated by second harmonic Nd:YAG pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2011, 471, 1185-1188.	0.6	11
54	Effect of Ni Layer Thickness on Cu-Based {100}<001 > Textured Substrate for Coated Conductor. Japanese Journal of Applied Physics, 2011, 50, 063101.	0.8	5

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55	Investigation of Three-Dimensional Current Distribution at Silver Diffusion Joint of RE-123 Coated Conductors Based on Magnetic Microscopy Combined With Finite Element Method. IEEE Transactions on Applied Superconductivity, 2011, 21, 3403-3407.	1.1	7
56	Current Limiting Phenomena in $hbox{SmBa}_{2}hbox{Cu}_{3}hbox{O}_{7}$ Coated Conductors Observed by Laser-Induced Thermoelectric Imaging and Low-Temperature Laser Scanning Microscopy. IEEE Transactions on Applied Superconductivity, 2011, 21, 3421-3424.	1.1	4
57	Doping of Tin-oxides pinning centers into YBCO films by MOD method. Journal of Physics: Conference Series, 2010, 234, 022039.	0.3	5
58	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.	0.3	4
59	Evaluation of current transport properties of GdBa2Cu3O7â^'Î´coated conductors over a wide range of temperature and external magnetic fields. Journal of Physics: Conference Series, 2010, 234, 022009.	0.3	5
60	Spatially-resolved measurement on time-dependent electromagnetic behavior in alternating current carrying coated conductor. Physica C: Superconductivity and Its Applications, 2010, 470, 1280-1283.	0.6	3
61	Improvement of spatial homogeneity in GdBCO/IBAD-MgO coated conductor. Physica C: Superconductivity and Its Applications, 2010, 470, 1288-1291.	0.6	1
62	Current transport property in GdBCO coated conductor with artificial pinning centers in a wide range of temperature, magnetic field up to 27T, and field angle. Physica C: Superconductivity and Its Applications, 2010, 470, 1292-1294.	0.6	4
63	Study on critical current distribution in CT-OP Bi-2223 tape based on the scanning Hall probe magnetic microscopy. Physica C: Superconductivity and Its Applications, 2010, 470, 1377-1379.	0.6	12
64	Radio frequency magnetic field effects on molecular dynamics and iron uptake in cage proteins. Bioelectromagnetics, 2010, 31, 311-317.	0.9	17
65	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.	0.6	5
66	In-field characterization of FeTe_{0.8}S_{0.2}epitaxial thin films with enhanced superconducting properties. Superconductor Science and Technology, 2010, 23, 052001.	1.8	30
67	Improved critical current density in DI-BSCCO. Journal of Physics: Conference Series, 2010, 234, 022003.	0.3	2
68	Development of Cu Substrate for Low Cost Coated Conductors. IEEE Transactions on Applied Superconductivity, 2009, 19, 3299-3302.	1.1	15
69	Observation of Current Distribution in High-$T_{m c}$ Superconducting Tape Using Scanning Hall-Probe Microscope. IEEE Transactions on Applied Superconductivity, 2009, 19, 2847-2850.	1.1	17
70	Coupled Analysis Method for High-Field Magnet Coil Using Coated Conductor Based on $Jhbox{-}E$ Characteristics as a Function of Temperature, Magnetic Field Vector and Mechanical Strain. IEEE Transactions on Applied Superconductivity, 2009, 19, 1621-1625.	1.1	7
71	High-Jc YBCO films using precursors with barium concentration gradient in film thickness by TFA-MOD process. Physica C: Superconductivity and Its Applications, 2009, 469, 1345-1348.	0.6	0
72	Effects of Sn-doping on JCâ€“B properties and crystalline structure for YBCO films by advanced TFA-MOD method. Physica C: Superconductivity and Its Applications, 2009, 469, 1418-1421.	0.6	16

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73	JC properties and microstructures of YBCO films fabricated by low temperature calcination in TFA-MOD method. Physica C: Superconductivity and Its Applications, 2009, 469, 1332-1335.	0.6	8
74	Critical current property in YBCO coated conductor fabricated by improved TFAâ€“MOD process. Physica C: Superconductivity and Its Applications, 2009, 469, 1443-1445.	0.6	7
75	Visualization of non-uniform current flow in coated conductors by scanning Hall-probe magnetic microscopy. Physica C: Superconductivity and Its Applications, 2009, 469, 1450-1453.	0.6	23
76	Significant reduction in volume, stored energy and magnetization loss of high-field magnet coil based on the improvement of critical current characteristics in GdBCO coated conductor. Physica C: Superconductivity and Its Applications, 2009, 469, 1776-1780.	0.6	11
77	The Use of Low Temperature Scanning Microscope for Estimating In-Plane Thermal Diffusivity in YBCO Thin Film. IEEE Transactions on Applied Superconductivity, 2009, 19, 2867-2871.	1.1	3
78	Effect of fabrication conditions on crystalline of SmBCO films fabricated by TFA-MOD method. Physica C: Superconductivity and Its Applications, 2008, 468, 1546-1549.	0.6	6
79	Growth process of Ba-poor YBCO film fabricated by TFA-MOD process. Physica C: Superconductivity and Its Applications, 2008, 468, 1554-1558.	0.6	20
80	Improvement of spatial homogeneity in IBAD based YBCO coated conductors. Physica C: Superconductivity and Its Applications, 2008, 468, 1518-1521.	0.6	4
81	Effect of calcination conditions on microstructures and Jc of YBCO films fabricated by TFA-MOD method. Physica C: Superconductivity and Its Applications, 2008, 468, 1550-1553.	0.6	7
82	Crystal grains alignment of SmBCO film by advanced TFA-MOD method. Journal of Physics: Conference Series, 2008, 97, 012171.	0.3	0
83	Conceptual Design of HTS Coil for SMES Using YBCO Coated Conductor. IEEE Transactions on Applied Superconductivity, 2007, 17, 1990-1993.	1.1	51
84	Visualizing Transport Properties in IBAD Based YBCO Coated Conductors by Multiple Analysis Techniques. IEEE Transactions on Applied Superconductivity, 2007, 17, 3211-3214.	1.1	26
85	Current Transport Properties of 200 A-200 m-Class IBAD YBCO Coated Conductor Over Wide Range of Magnetic Field and Temperature. IEEE Transactions on Applied Superconductivity, 2007, 17, 3207-3210.	1.1	32
86	Enhancement of critical current in YBCO coated conductors in association with c-axis correlated artificial pinning centers. Physica C: Superconductivity and Its Applications, 2007, 463-465, 674-677.	0.6	4
87	Measurement of local current flow around transverse defects in YBCO film by use of scanning SQUID microscope. Physica C: Superconductivity and Its Applications, 2006, 445-448, 677-681.	0.6	15
88	Flux pinning characteristics of YBCO coated conductor. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1096-1102.	0.6	11
89	Ac loss characteristics of YBCO superconducting tapes fabricated by TFA-MOD technique. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1276-1283.	0.6	3
90	Study on local inhomogeneity in TFA-MOD YBCO coated conductor by use of low temperature scanning laser microscopy. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1073-1077.	0.6	11

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91	Imaging of trapped vortices in YBCO coated conductor by scanning SQUID microscope. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1068-1072.	0.6	3
92	High Magnetic Field Properties of Critical Current Density in<tex>$rm Y_1rm Ba_2rm Cu_3rm O_7-delta$</tex>Coated Conductor Fabricated by Improved TFA-MOD Process. IEEE Transactions on Applied Superconductivity, 2005, 15, 2574-2577.	1.1	10
93	Low Temperature Scanning Laser Microscopy of YBCO Coated IBAD Tapes. IEEE Transactions on Applied Superconductivity, 2005, 15, 3656-3659.	1.1	15
94	AC Loss Properties of YBCO Superconducting Tapes Exposed to External Ac Magnetic Field. IEEE Transactions on Applied Superconductivity, 2005, 15, 1562-1565.	1.1	20
95	AC loss properties of YBCO superconducting tapes fabricated by IBADâ€“PLD technique. Physica C: Superconductivity and Its Applications, 2004, 412-414, 983-991.	0.6	40
96	Evaluation of Eâ€“J characteristics of YBCO coated-conductor by AC inductive method using third-harmonic voltage. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1036-1040.	0.6	21
97	Dependence on winding tensions for stability of a superconducting coil. Cryogenics, 2003, 43, 649-658.	0.9	9
98	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.	0.6	0
99	Angular dependence of irreversibility field in Y-123 coated tape. Physica C: Superconductivity and Its Applications, 2003, 392-396, 1063-1067.	0.6	4
100	Critical current properties in HTS tapes. Physica C: Superconductivity and Its Applications, 2003, 392-396, 1053-1062.	0.6	52
101	Estimation of Eâ€“J characteristics in a YBCO coated conductor at low temperature and very high magnetic field. Physica C: Superconductivity and Its Applications, 2003, 392-396, 1078-1082.	0.6	26
102	Evaluation of Eâ€“J characteristics of YBCO-coated conductor in a wide range of electric field. Physica C: Superconductivity and Its Applications, 2003, 392-396, 1073-1077.	0.6	2
103	A theory of the thermal depinning transition in type-2 superconductors. Physica C: Superconductivity and Its Applications, 2003, 397, 132-150.	0.6	10
104	Complicated shape of the superconductive transition curve revealed by a sensitive OFC-magnetometer. IEEE Transactions on Applied Superconductivity, 2003, 13, 3574-3577.	1.1	0
105	Percolative transition and scaling of transport E - J characteristics in YBCO coated ibad tape. IEEE Transactions on Applied Superconductivity, 2003, 13, 2607-2610.	1.1	27
106	Prediction of E-J characteristics in Bi-2223/Ag tapes at low temperature and high magnetic field. IEEE Transactions on Applied Superconductivity, 2003, 13, 3683-3686.	1.1	4
107	High-JcYBa2Cu3O7Âxfilms obtained by no-additional-water annealing of precursor films deposited from Y, BaF2and Cu. Superconductor Science and Technology, 2003, 16, 398-401.	1.8	4
108	Curitical Current Properties of a YBCO Coated Conductor in High Magnetic Fields. IEEJ Transactions on Fundamentals and Materials, 2003, 123, 593-599.	0.2	2

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109	Critical current properties in YBCO coated IBAD tapes. Physica C: Superconductivity and Its Applications, 2002, 372-376, 794-797.	0.6	8
110	Influence of bending strain on Bi-2223 tape. Physica C: Superconductivity and Its Applications, 2002, 372-376, 1001-1004.	0.6	5
111	Distribution of pinning strength and scaling behavior in YBCO coated IBAD tape. Physica C: Superconductivity and Its Applications, 2002, 382, 57-61.	0.6	5
112	Weakly expressed â€œparamagneticâ€•peculiarity of the superconductive transition detected in YBaCuO film by highly sensitive OFC-magnetometer. Physica C: Superconductivity and Its Applications, 2002, 378-381, 404-408.	0.6	1
113	Peculiarities of the magnetic phase diagram in small-size untwinned YBa2Cu3Oy crystal constructed by highly sensitive OFC-magnetometer. Physica C: Superconductivity and Its Applications, 2002, 378-381, 531-536.	0.6	10
114	Theoretical analysis of Eâ€“J characteristics in a Bi-2223 silver-sheathed tape. Physica C: Superconductivity and Its Applications, 2002, 378-381, 575-579.	0.6	5
115	Critical current properties in superconducting Y-123 tapes. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1102-1107.	0.6	14
116	Size effect on current transport properties in the mixed state of YBCO thin film. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1108-1112.	0.6	2
117	Angular dependence of critical current properties in YBCO coated tape under high magnetic field up to 18 T. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1113-1117.	0.6	37
118	Anisotropic current transport properties and their scaling in multifilamentry Bi-2223 Ag-sheathed tapes. IEEE Transactions on Applied Superconductivity, 2001, 11, 3900-3903.	1.1	20
119	Construction of the magnetic phase diagram in small-volume HTS by an OFC magnetometer. IEEE Transactions on Applied Superconductivity, 2001, 11, 3931-3934.	1.1	1
120	Angular dependence of Eâ€“J characteristics under high magnetic fields in YBCO thin films. Physica C: Superconductivity and Its Applications, 2001, 357-360, 273-276.	0.6	3
121	Eâ€“J characteristics in a wide range of electric field for a Bi-2223 silver-sheathed tape wire. Physica C: Superconductivity and Its Applications, 2001, 357-360, 582-585.	0.6	6
122	Irreversibility field of Bi-2223 silver-sheathed tape determined with different electric field criteria. Physica C: Superconductivity and Its Applications, 2001, 357-360, 586-589.	0.6	6
123	Critical current density of YBa2Cu3Oy containing inclined columnar defects. Physica C: Superconductivity and Its Applications, 2001, 357-360, 505-508.	0.6	3
124	Analysis of quench development in a cryocooler cooled Bi-2223 pancake coil based on the anisotropic transport Eâ€“J characteristics in a short tape sample. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1165-1168.	0.6	12
125	Anisotropic transport E(J) characteristics in Bi-2223 Ag-sheathed tape as a function of temperature and magnetic field. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1186-1189.	0.6	2
126	Angular dependence of the extended Eâ€“J characteristics in Bi-2223/Ag sheathed tape. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1190-1192.	0.6	11

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127	Transport Eâ€“J characteristics in Bi-2223 tape under the influence of bending strain: analysis by use of the percolation model. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1123-1127.	0.6	5
128	The possibility of detection of small absorption in HTS thin films by means of the highly sensitive OFC magnetometer. Physica C: Superconductivity and Its Applications, 2001, 363, 113-118.	0.6	17
129	Calibration of the open-flat coil-based tunnel diode oscillator technique (OFC magnetometer) for quantitative extraction of physical characteristics of superconductive state. Physica C: Superconductivity and Its Applications, 2001, 366, 6-12.	0.6	14
130	Stability and quench development study in small HTSC magnet. Cryogenics, 2001, 41, 665-674.	0.9	27
131	Transport properties of multifilamentary Ag-sheathed Bi-2223 tapes under the influence of strain. IEEE Transactions on Applied Superconductivity, 2001, 11, 3888-3891.	1.1	22
132	New paramagnetic peculiarity of the superconductive transition detected by a highly sensitive OFC magnetometer. Superconductor Science and Technology, 2001, 14, 1009-1013.	1.8	15
133	Universal scaling law for quench development in HTSC devices. Cryogenics, 2000, 40, 19-27.	0.9	82
134	Thermal quench study in HTSC pancake coil. Cryogenics, 2000, 40, 9-17.	0.9	28
135	In situ measurements of transport characteristics in heavy-ion irradiated YBa2Cu3Oy under magnetic field. Physica B: Condensed Matter, 2000, 284-288, 873-874.	1.3	3
136	Advantages of measurement in flat geometry high- cuprates by an open-flat coil magnetometer demonstrating its wide possibilities for detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 471-475.	0.7	3
137	Highly sensitive open-flat coil magnetometer for the Î»(H,T) measurements in plate-like high-Tc cuprates. Review of Scientific Instruments, 2000, 71, 1488-1494.	0.6	25
138	Pinning characteristics of Bi-2223 and Bi-2212 wires with consideration ofJcdistribution. Superconductor Science and Technology, 1999, 12, 1102-1105.	1.8	4
139	The ac loss near the glass-liquid transition temperature in high-Tcsuperconductors - an extended Bean model. Superconductor Science and Technology, 1999, 12, 1063-1066.	1.8	2
140	Quench propagation in large area YBCO films. IEEE Transactions on Applied Superconductivity, 1999, 9, 1089-1092.	1.1	12
141	Effect of flux pinning on the Nernst and Ettingshausen effects in high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1999, 311, 253-265.	0.6	2
142	Thermal depinning of flux lines in superconductors. Physica C: Superconductivity and Its Applications, 1999, 315, 12-22.	0.6	20
143	The Nernst effect in high-Tc cuprate superconductors. Physica C: Superconductivity and Its Applications, 1999, 328, 230-240.	0.6	1
144	Quench characteristics in HTSC devices. IEEE Transactions on Applied Superconductivity, 1999, 9, 1073-1076.	1.1	27

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145	Evaluation of E-J characteristics for Bi-2223 wires. IEEE Transactions on Applied Superconductivity, 1999, 9, 2351-2354.	1.1	5
146	Relationship among flux depinning, irreversibility and phase transition in a disordered HTS material. Superconductor Science and Technology, 1999, 12, 1079-1082.	1.8	27
147	Theoretical study on vortex glass-liquid transition in pinned superconductors. IEEE Transactions on Applied Superconductivity, 1999, 9, 2629-2634.	1.1	3
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