Toshiya Doi

List of Publications by Year
in descending order

127 papers	1,263 citations	471509 17 h-index	454955 30 g-index
128 all docs	128 docs citations	128 times ranked	503 citing authors

#	Article	IF	Citations
1	MgB2 films with very high critical current densities due to strong grain boundary pinning. Applied Physics Letters, 2004, 85, 2842-2844.	3.3	133
2	Introduction of pinning centers into Tlâ€(1223) phase of Tlâ€“Srâ€“Caâ€“Cuâ€“O systems. Applied Physics Letters, 1991, 59, 3186-3188.	3.3	115
3	Flux pinning in single Tl-layer 1223 superconductors. Physica C: Superconductivity and Its Applications, 1991, 183, 67-72.	1.2	84
4	Rietveld Refinement of the Structure of TlSr2CaCu2O7by X-Ray Powder Diffraction Data. Japanese Journal of Applied Physics, 1990, 29, L57-L59.	1.5	52
5	Determination of the diffusion coefficients of CuSO4, ZnSO4, and NiSO4 in aqueous solution. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science, 1988, 19, 5-12.	0.4	36
6	Flux Pumping Effect of HTS Films in a Traveling Magnetic Field. IEEE Transactions on Applied Superconductivity, 2010, 20, 1033-1036.	1.7	36
7	Critical current density of MgB2thin film with pinning centres introduced by deposition in oxygen atmosphere. Superconductor Science and Technology, 2005, 18, 1460-1463.	3.5	31
8	Flux Pinning Characteristics in Tl Series Superconductors. Japanese Journal of Applied Physics, 1991, 30, L1868-L1870.	1.5	27
9	As-Grown Superconducting<tex>$rm MgB_2$</tex>Films Prepared by Electron Beam Deposition. IEEE Transactions on Applied Superconductivity, 2005, 15, 3253-3256.	1.7	27
10	Flux pinning in Tl-(1223) superconductor. Cryogenics, 1992, 32, 936-939.	1.7	26
11	Relationship between microstructure andJcproperty in MgB2/Î±-Al2O3film fabricated byin situelectron beam evaporation. Superconductor Science and Technology, 2005, 18, 1275-1279.	3.5	25
12	Existence of Superconducting States Above 30 K in Sr-V-O Systems Doped with Various Elements. Japanese Journal of Applied Physics, 1990, 29, L1781-L1784.	1.5	21
13	Thermal stability of nanometer-sized NiO and Sm-doped ceria powders. Journal of Materials Research, 2002, 17, 2266-2274.	2.6	21
14	High-temperature and high-field performance of MgB2films withJcof 106A cmâ^'2(4.2 K, 4 T). Superconductor Science and Technology, 2005, 18, 489-493.	3.5	20
15	Properties of<tex>$rm MgB_2$</tex>Films With Very High Transport Critical Current Densities. IEEE Transactions on Applied Superconductivity, 2005, 15, 3313-3316.	1.7	19
16	Magnetic and transport measurements of Tlâ€1223 superconductors. Journal of Applied Physics, 1995, 77, 5287-5292.	2.5	18
17	Fabrication of YBa2Cu3O7 thin film on cube-textured Cu tape. Journal of Applied Physics, 2008, 104, 103913.	2.5	17
18	Fabrication of MgB2 thin films by electron beam evaporation technique. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1459-1463.	1.2	16

#	Article	IF	Citations
19	Superconducting Bi-Sr-Ca-Cu-O Thin Films by Sputtering. Japanese Journal of Applied Physics, 1988, 27, L1097-L1100.	1.5	15
20	Magnetization and Anisotropy in Single Crystals of Tl-(1223) Phase of Tl-Sr-Ca-Cu-O System. Japanese Journal of Applied Physics, 1992, 31, L1229-L1231.	1.5	15
21	Development of Cu Substrate for Low Cost Coated Conductors. IEEE Transactions on Applied Superconductivity, 2009, 19, 3299-3302.	1.7	15
22	Two-stepin situannealing effects on sputter-deposited MgB2thin films. Superconductor Science and Technology, 2004, 17, 47-50.	3.5	14
23	Introduction of pinning centres in Tl-based 1212 and 1223 superconductors: bulk and thin films. Superconductor Science and Technology, 1991, 4, 488-490.	3.5	13
24	Rapid formation of long Y1Ba2Cu3Ox superconducting tape by chemical vapor deposition technique. Physica C: Superconductivity and Its Applications, 2003, 392-396, 863-866.	1.2	13
25	Artificial pinning enhancement by multilayer nanostructures in MgB2âˆ•Ni thin films. Applied Physics Letters, 2008, 92, 102510.	3.3	13
26	Microstructures and improvedJ_câ€“Hcharacteristics of Cl-containing YBCO thin films prepared by the fluorine-free MOD method. Superconductor Science and Technology, 2016, 29, 015006.	3.5	13
27	Biaxially oriented NdBa/sub 2/Cu/sub 3/O/sub 7/ films prepared on {100}>001< textured Ag tapes without any buffer layers. IEEE Transactions on Applied Superconductivity, 2001, 11, 3130-3133.	1.7	12
28	and textured Ag tapes for biaxially oriented YBa2Cu3O7 coated conductors. Physica C: Superconductivity and Its Applications, 2002, 378-381, 927-931.	1.2	12
29	Preparation of Y1Ba2Cu3Ox superconducting tape formed on silver substrate by chemical vapor deposition technique. Physica C: Superconductivity and Its Applications, 2002, 378-381, 907-910.	1.2	11
30	Enhancement of Jc of MgB2 thin films by introduction of oxygen during deposition. Physica C: Superconductivity and Its Applications, 2006, 445-448, 880-883.	1.2	11
31	<formula formulatype="inline"><tex Notation="TeX">$J_{m c}-B$</tex></formula> Properties of <formula formulatype="inline"><tex Notation="TeX">${m YBa}_{2}{m Cu}_{3}{m O}_{7}$</tex></formula> Films Prepared on <formula formulatype="inline"><tex Notation="TeX">${m CeO}_{2}/{m YSZ/CeO}_{2}$</tex> </formula> Buffered Ni-Electroplated Cu Tapes. IEEE Transactions on Applied Superconductivity, 2009, 19, 3287-3290.	1.7	11
32	Tri-axial magnetic anisotropies in RE2Ba4Cu7O15âˆ’y superconductors. Journal of Applied Physics, 2014, 115, .	2.5	11
33	Biaxial magnetic alignment in twinned REBa₂Cu₃O_ysuperconductors. Superconductor Science and Technology, 2016, 29, 125007.	3.5	11
34	{}ã€ˆã€‰ textured Ag tapes for biaxially oriented YBa2Cu3O7 coated conductors. Physica C: Superconductivity and Its Applications, 2003, 392-396, 853-858.	1.2	10
35	MgB2 thin film fabrication by rf magnetron sputtering. Physica C: Superconductivity and Its Applications, 2003, 388-389, 115-116.	1.2	10
36	Monotonic decrease ofT_cs with thinning of the superconducting MgB₂layer in MgB₂/Ni and MgB₂/B alternately-layered thin films. Superconductor Science and Technology, 2007, 20, 1223-1227.	3.5	10

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37	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
38	Superconducting properties of two-step in situ annealed MgB2 thin films. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1371-1375.	1.2	9
39	Growth of bi-axially textured Bi2Sr2Ca1Cu2O8+Î´ (2212) thin films on SrTiO3 substrate by sputtering method. Physica C: Superconductivity and Its Applications, 2008, 468, 1060-1063.	1.2	9
40	Greatly enhanced flux pinning properties of fluorine-free metalâ€“organic decomposition YBCO films by co-addition of halogens (Cl, Br) and metals (Zr, Sn, Hf). Superconductor Science and Technology, 2018, 31, 044004.	3.5	9
41	Linear drive type of modulated rotating magnetic field for a continuous process of three-dimensional crystal orientation. Journal of the Ceramic Society of Japan, 2018, 126, 885-888.	1.1	8
42	Introduction of pinning centers into Tlî—¸Srî—¸Caî—¸Cuî—¸O systems. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2281-2282.	1.2	7
43	Flux Pinning Properties of Multilayered ${m MgB}_{2}/{m Ni}$ Thin Films. IEEE Transactions on Applied Superconductivity, 2007, 17, 2891-2894.	1.7	7
44	Enhancement of Jc in MgB2 thin films on Si substrate with pinning centers introduced by deposition in O2 atmosphere. Journal of Applied Physics, 2007, 102, 076114.	2.5	7
45	Flux Pinning Centers in ${m MgB}_{2}$ Thin Films Prepared by an Electron Beam Evaporation Technique. IEEE Transactions on Applied Superconductivity, 2007, 17, 2899-2902.	1.7	7
46	The effect of MgB2layer thickness on superconducting properties of MgB2/Ni multilayer thin films. Superconductor Science and Technology, 2009, 22, 025008.	3.5	7
47	Optimal annealing conditions for Y1Ba2Cu3O7âˆ’Î´ thin films. Journal of Applied Physics, 2010, 107, 023903.	2.5	7
48	Oxygen diffusion in c-axis oriented Y1Ba2Cu3O7âˆ’Î´ thin films. Journal of Applied Physics, 2011, 110, .	2.5	7
49	Fabrication of Tri-axially Oriented RE-Ba-Cu-O Ceramics by Magnetic Alignment. Physics Procedia, 2014, 58, 62-65.	1.2	7
50	Preparation of MgB2 Thin Films by an Electron-beam Evaporation Technique, and Post-annealing Effects on the as-grown Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		7
51	Biaxially Oriented Tl-1223 Wire Prepared on Cube-Textured Silver Substrate. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1997, 61, 985-991.	0.4	7
52	Upper critical field measurements of TlBaCaCuO and (Tl/Pb)(Sr/Ba)CaCuO thin films fabricated by excimer laser ablation. Physica C: Superconductivity and Its Applications, 1991, 190, 114-115.	1.2	6
53	Temperature Dependence of Lattice Parameters of YBa2Cu3OxSuperconductor at Low Temperature. Japanese Journal of Applied Physics, 1991, 30, L96-L98.	1.5	6
54	Critical parameters in the sputter-deposition of NdBa2Cu3O7-deltathin films. Superconductor Science and Technology, 1999, 12, 481-485.	3.5	6

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55	Formation of the Bi2Sr2Canâ˜'1CunOx (n=2â€“4) single phase and phase intergrowth in sputter deposited thin films. Physica C: Superconductivity and Its Applications, 2000, 339, 161-165.	1.2	6
56	Biaxially oriented NdBa2Cu3O7 films prepared on {100}ã€˚001ã€‰ textured Ag tapes without any buffer layers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 775-778.	1.2	6
57	${m MgB}_{2}$ Thin Films Prepared on Cu Substrates. IEEE Transactions on Applied Superconductivity, 2007, 17, 2895-2898.	1.7	6
58	Preparation of Low-Resistivity Ga-Doped ZnO Epitaxial Films from Aqueous Solution Using Flow Reactor. Journal of the Electrochemical Society, 2014, 161, D725-D729.	2.9	6
59	Superior Jc-B-T Characteristics of 10-Î¼m-Thick MgB2 Film for Tape Application. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	6
60	High infield performance and critical temperatures in post-annealed MgB2 films. Applied Physics Express, 2018, 11, 093102.	2.4	6
61	Use of a Thermal-Gradient Method and Eds, with Image Processing, To Elucidate the Operative Mechanism(s) During the Formation of Tl-1223. , 1993, , 391-394.		6
62	Synthesis and electrical conductivity of La0.6Sr0.4Ru0.9Mg0.1O3-.DELTA. perovskite solid solution. Journal of the Ceramic Society of Japan, 2009, 117, 635-638.	1.1	5
63	Effect of Ni Layer Thickness on Cu-Based {100}<001 > Textured Substrate for Coated Conductor. Japanese Journal of Applied Physics, 2011, 50, 063101.	1.5	5
64	Nanostructure characterization of Ni and B layers as artificial pinning centers in multilayered MgB2/Ni and MgB2/B superconducting thin films. Physica C: Superconductivity and Its Applications, 2013, 488, 1-8.	1.2	5
65	The Microstructure and Superconducting Properties of Bi,Pb-2223 Thin Film Fabricated by RF Sputtering and Annealing Method. IEEE Transactions on Applied Superconductivity, 2013, 23, 7500504-7500504.	1.7	5
66	Fabrication of YBa₂Cu₃O₇ Superconducting Film on {100}<001> Textured Cu Tape via Conductive Buffer Layers. Materials Transactions, 2017, 58, 1493-1499.	1.2	5
67	Synthesis of thick YBCO films up to 3.0 Î¼m on metallic substrates by a fluorine-free metal organic decomposition method. Superconductor Science and Technology, 2019, 32, 115003.	3.5	5
68	X-ray diffraction study on the orientation dynamics of biaxial microcrystals under static and rotating magnetic fields. CrystEngComm, 2019, 21, 4221-4226.	2.6	5
69	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
70	Effect of Ni Layer Thickness on Cu-Based {100}<001 > Textured Substrate for Coated Conductor. Japanese Journal of Applied Physics, 2011, 50, 063101.	1.5	5
71	Jc Anisotropy and the Columnar-grain Texture in MgB2 Thin Films. TEION KOGAKU (Journal of) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.1	5
72	Fabrication of YBa2Cu3O7 films on {110}ã€˚110ã€‰ textured Ag tapes by MOD process. Physica C: Superconductivity and Its Applications, 2004, 412-414, 900-904.	1.2	4

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73	Flux Pinning Centers in MgB2 Thin Films Prepared by an Electron Beam Evaporation Technique. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2005, 40, 516-522.	0.1	4
74	Multilayered ${m MgB}_{2}/{m B}$ Thin Films Prepared by Electron Beam Evaporation Technique. IEEE Transactions on Applied Superconductivity, 2007, 17, 2887-2890.	1.7	4
75	Formation of Bi, Pb-2223 and Microstructural Evolution in Pb-Ca-Cu Deposited Bi-2212(001) Single Crystal by Heat Treatment. Physics Procedia, 2013, 45, 69-72.	1.2	4
76	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
77	Annealing to achieve lower resistivity in Ga-doped ZnO epitaxial films grown from low-temperature aqueous solution. Materials Chemistry and Physics, 2017, 190, 146-152.	4.0	4
78	Effect of artificial MgO pinning centers introduced by residual moisture in a deposition chamber on J c â€“Bâ€“T characteristics and film structure of 10 Î¼m thick MgB2 films deposited on Cu substrates. Superconductor Science and Technology, 2019, 32, 045004.	3.5	4
79	The Effect of the CeO2 Buffer Layer Thickness on the Jc of YBa2Cu3O7 Films Prepared on CeO2/YSZ/CeO2 Buffered Ni-electroplated Cu Tapes. TEION KOGAKU (Journal of Cryogenics and Superconductivity) Tj ETQq1 1 0.784314 rgBT /Overlo	4.1	4
80	Micropatterning of NdBa2Cu3O thin films using a KrF excimer laser. Superconductor Science and Technology, 2001, 14, 45-49.	3.5	3
81	Long length {110} {110} textured Ag tapes for biaxially oriented YBa/sub 2/Cu/sub 3/O/sub 7/coated conductors. IEEE Transactions on Applied Superconductivity, 2003, 13, 2587-2590.	1.7	3
82	Growth of (Y1â^'xCax)Ba2Cu4O8in ambient pressure and its tri-axial magnetic alignment. Superconductor Science and Technology, 2015, 28, 105003.	3.5	3
83	Relationship between biaxial orientation degrees and grain in magnetically aligned (Y_{1â^'}_xEr_x)Ba₂Cu₃O_y₋₅powders with twin microstructures. Japanese Journal of Applied Physics, 2018, 57, 093101.	1.5	3
84	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
85	New deposition method of MgB₂ thin film with thermal evaporation of Mg and sputtering of B. Materials Research Express, 2020, 7, 056003.	1.6	3
86	Flux Pinning Properties of Multilayered MgB2/Ni Thin Film Prepared by EBE Method. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2008, 43, 360-364.	0.1	3
87	Fabrication of YBa 2 Cu3O7 Superconducting Thick Film on CeO 2 /Y2 O3 /CeO 2 -bufferedNi-electroplated Cu/SUS316 Laminated Tape. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq1 1 0.784314 rgBT /Overlo	4.1	3
88	In-situ annealing effect of sputter-deposited Nd1Ba2Cu3O7â^'Î´ thin films. Thin Solid Films, 1999, 354, 195-200.	1.8	2
89	The Eâ€“J characteristics of MgB2 thin film prepared by electron beam evaporation method. Physica C: Superconductivity and Its Applications, 2005, 426-431, 174-178.	1.2	2
90	Microstructural Observation of YBCO Superconducting Tape with Textured Cu Substrate. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2010, 45, 514-519.	0.1	2

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91	Flux pinning properties of MgB2 thin films on Al tape substrates deposited by electron beam evaporation. Physica C: Superconductivity and Its Applications, 2011, 471, 1142-1144.	1.2	2
92	MgB2 thin films with high Jc fabricated on Al tape substrates by electron beam evaporation. Physica C: Superconductivity and Its Applications, 2012, 480, 108-110.	1.2	2
93	Magnetic Tri-Axial Grain Alignment Achieved in Bismuth-Based Cuprate Superconductors. Applied Physics Express, 2013, 6, 093102.	2.4	2
94	Microstructural Studies of the Effect of Heat-Treatment on Bi,Pb-2223 Films Prepared by RF Sputtering. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	2
95	Three Dimensional Crystal Orientation in Rare-earth-based Cuprate Superconductors by Modulated Rotating Magnetic Field. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 947-954.	0.2	2
96	Fabrication and Superconducting Properties of Alternately-layered MgB2/Ni Thin Films with Different Ni-layer Spacing. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 603-611.	0.1	2
97	Angular Dependence of Pinning Properties of MgB2 Thin Films Prepared by an Electron-beam Evaporation Method. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2005, 40, 473-478.	0.1	2
98	EBSD Observation of Pure Iron with Near-Cube Orientation Fabricated by Cold Rolling and Annealing. Materials Transactions, 2017, 58, 838-841.	1.2	2
99	Effects of Ndâ€“Ba substitution in sputter deposited Nd1+xBa2â^'xCu3O (NBCO) thin film. Physica B: Condensed Matter, 2000, 284-288, 1037-1038.	2.7	1
100	Superconductivity of YBCO/(Sr,Ca)â€“Cuâ€“O/YBCO system. Physica C: Superconductivity and Its Applications, 2003, 388-389, 443-444.	1.2	1
101	NdBa2Cu3O7 and YBa2Cu3O7 films prepared on textured Ag tapes by PLD and MOD methods. Physica C: Superconductivity and Its Applications, 2004, 412-414, 937-943.	1.2	1
102	Transport Properties of<tex>$rm YBa_2rm Cu_3rm O_7$</tex>and<tex>$rm NdBa_2rm Cu_3rm O_7$</tex>Films Prepared on Textured Ag Tapes. IEEE Transactions on Applied Superconductivity, 2005, 15, 2667-2670.	1.7	1
103	Fabrication of YBCO Thin Film on {100}(001) Textured Ni-electroplated Cube-textured Cu Tape. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 269-277.	0.1	1
104	Two-dimensional flux pinning in multilayered MgB2/Ni thin films prepared by electron beam evaporation. Physica C: Superconductivity and Its Applications, 2009, 469, 1567-1570.	1.2	1
105	Influences of Microstructure on Critical Current Properties in $hbox{MgB}_{2}/hbox{Al}$ Film. IEEE Transactions on Applied Superconductivity, 2013, 23, 7501304-7501304.	1.7	1
106	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
107	Fabrication of YBa₂Cu₃O₇ Superconducting Film on {100}ã€˜001ã€‰ Textured Cu Tape via Conductive Buffer Layers. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 428-433.	0.4	1
108	Microstructures of YBa2Cu3Oy Layers Deposited on Conductive Layer-Buffered Metal Tapes. Physics Procedia, 2016, 81, 113-116.	1.2	1

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109	Determination of the Anisotropic Rotational Diffusion Constant of Microcrystals Dispersed in Liquid Medium. Journal of Physical Chemistry A, 2018, 122, 9123-9127.	2.5	1
110	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
111	Promotion of Epitaxial Growth and Enhanced <italic>J</italic>c by Coaddition of Br and Metals (Zr,) Tj ETQq1 1 0.784314 rgBT /Overlock Superconductivity, 2019, 29, 1-4.	1.7	1
112	Orientation loss of microcrystals of DyBa2Cu3Oy in a polymer composite during curing of the medium under an external magnetic field. CrystEngComm, 2020, 22, 5606-5612.	2.6	1
113	Fabrication of MgB2 Thin Films Prepared on Aluminum Tapes and their Properties. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2012, 47, 103-108.	0.1	1
114	Superconducting Properties of MgB2+X Thin Films Prepared with Various Compositions. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2008, 43, 482-490.	0.1	1
115	NBCO MICRO BRIDGE JUNCTIONS FABRICATED BY EXCIMER LASER PATTERNING. International Journal of Modern Physics B, 2002, 16, 1301-1306.	2.0	0
116	In-Situ Annealing Effects on<tex>$rm MgB_2$</tex>Thin Films Fabricated by Electron Beam Deposition. IEEE Transactions on Applied Superconductivity, 2005, 15, 3245-3248.	1.7	0
117	Growth of Biaxially Oriented Conductive ITO Buffer Layers on Textured Ni Tapes for YBCO Coated Conductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 3447-3450.	1.7	0
118	Oxide Buffer Layers and YBa2Cu3O7 Superconducting Material Epitaxially Grown on Cube Textured Ni Tape. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2007, 71, 1006-1010.	0.4	0
119	Fabrication of Multilayered ${m MgB}_{2}/{m Ni}$ Thin Films and Their Flux Pinning Properties. IEEE Transactions on Applied Superconductivity, 2009, 19, 2807-2810.	1.7	0
120	Tri-axial magnetic alignment and rare-earth-dependent tri-axial magnetic anisotropies in REBa2Cu4O8 cuprate superconductors. Materials Research Society Symposia Proceedings, 2013, 1654, 1.	0.1	0
121	A Cross-Sectional TEM Specimen of a Multilayer Thin Film Prepared Using the FIB Technique. Applied Mechanics and Materials, 2015, 771, 108-111.	0.2	0
122	Effect of Annealing DC-Sputtered Bi,Pb-2223 Thin Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	0
123	Microstructure of coated conductors with La- or Nb-doped SrTiO3 conductive buffer. Journal of Physics: Conference Series, 2020, 1559, 012032.	0.4	0
124	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
125	Use of a thermal gradient and eds mapping to follow the fine details of formation in Tl-"1223" superconductors.. Proceedings Annual Meeting Electron Microscopy Society of America, 1992, 50, 1774-1775.	0.0	0
126	Tl0.5Pb0.5Sr1.7Ba0.3Ca2Cu3Ox Thim Films From Metal Acetate Solution. , 1994, , 945-948.		0

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127	High-temperature post-annealing to improve J_c -B-T properties of MgB₂ thin film synthesized via hybrid deposition combining thermal evaporation of magnesium and sputtering of boron. Japanese Journal of Applied Physics, 2021, 60, 123004.	1.5	0