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	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
2	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
3	Microstructure of coated conductors with La- or Nb-doped SrTiO3 conductive buffer. Journal of Physics: Conference Series, 2020, 1559, 012032.	0.4	0
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Promotion of Epitaxial Growth and Enhanced <italic>J</italic>c by Coaddition of Br and Metals (Zr,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Superconductivity, 2019, 29, 1-4.	1.7	1
13	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
14	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
15	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
16	Relationship between biaxial orientation degrees and grain in magnetically aligned (Y_{1â^'}_xEr_x)Ba₂Cu₃O_y powders with twin microstructures. Japanese Journal of Applied Physics, 2018, 57, 093101.	1.5	3
17	High infield performance and critical temperatures in post-annealed MgB2 films. Applied Physics Express, 2018, 11, 093102.	2.4	6
18	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

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19	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
20	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
21	Fabrication of YBa₂Cu₃O₇ Superconducting Film on {100}<001> Textured Cu Tape via Conductive Buffer Layers. Materials Transactions, 2017, 58, 1493-1499.	1.2	5
22	EBSD Observation of Pure Iron with Near-Cube Orientation Fabricated by Cold Rolling and Annealing. Materials Transactions, 2017, 58, 838-841.	1.2	2
23	Fabrication of YBa₂Cu₃O₇ Superconducting Film on {100}â€˜001â€‰ Textured Cu Tape via Conductive Buffer Layers. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 428-433.	0.4	1
24	Biaxial magnetic alignment in twinned REBa₂Cu₃O_ysuperconductors. Superconductor Science and Technology, 2016, 29, 125007.	3.5	11
25	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
26	Microstructures of YBa2Cu3Oy Layers Deposited on Conductive Layer-Buffered Metal Tapes. Physics Procedia, 2016, 81, 113-116.	1.2	1
27	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
28	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
29	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
30	Effect of Annealing DC-Sputtered Bi,Pb-2223 Thin Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	0
31	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
32	Growth of (Y1â^'xCax)Ba2Cu4O8in ambient pressure and its tri-axial magnetic alignment. Superconductor Science and Technology, 2015, 28, 105003.	3.5	3
33	Mechanism of crystal alignment of CaO-stabilized ZrO₂through a mismatched interface of {110} â€©001â€ª textured iron tape. Japanese Journal of Applied Physics, 2015, 54, 080302.	1.5	1
34	Tri-axial magnetic anisotropies in RE2Ba4Cu7O15â^'y superconductors. Journal of Applied Physics, 2014, 115, .	2.5	11
35	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
36	Fabrication of Tri-axially Oriented RE-Ba-Cu-O Ceramics by Magnetic Alignment. Physics Procedia, 2014, 58, 62-65.	1.2	7

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37	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
38	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
39	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
40	Magnetic Tri-Axial Grain Alignment Achieved in Bismuth-Based Cuprate Superconductors. Applied Physics Express, 2013, 6, 093102.	2.4	2
41	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
42	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
43	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
44	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
45	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	0.1	1
46	Oxygen diffusion in c-axis oriented Y1Ba2Cu3O7â˜Ï´ thin films. Journal of Applied Physics, 2011, 110, .	2.5	7
47	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
48	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
49	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
50	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
51	Flux Pumping Effect of HTS Films in a Traveling Magnetic Field. IEEE Transactions on Applied Superconductivity, 2010, 20, 1033-1036.	1.7	36
52	Optimal annealing conditions for Y1Ba2Cu3O7â˜Ï´ thin films. Journal of Applied Physics, 2010, 107, 023903.	2.5	7
53	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
54	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

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55	Development of Cu Substrate for Low Cost Coated Conductors. IEEE Transactions on Applied Superconductivity, 2009, 19, 3299-3302.	1.7	15
56	<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
57	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
58	The effect of MgB2layer thickness on superconducting properties of MgB2/Ni multilayer thin films. Superconductor Science and Technology, 2009, 22, 025008.	3.5	7
59	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
60	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
61	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	0.1	4
62	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
63	Fabrication of YBa2Cu3O7 thin film on cube-textured Cu tape. Journal of Applied Physics, 2008, 104, 103913.	2.5	17
64	Artificial pinning enhancement by multilayer nanostructures in MgB2âˆ•Ni thin films. Applied Physics Letters, 2008, 92, 102510.	3.3	13
65	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
66	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
67	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
68	Flux Pinning Properties of Multilayered ${m MgB}_{2}/{m Ni}$ Thin Films. IEEE Transactions on Applied Superconductivity, 2007, 17, 2891-2894.	1.7	7
69	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
70	${m MgB}_{2}$ Thin Films Prepared on Cu Substrates. IEEE Transactions on Applied Superconductivity, 2007, 17, 2895-2898.	1.7	6
71	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
72	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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73	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
74	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
75	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
76	Jc Anisotropy and the Columnar-grain Texture in MgB2 Thin Films. TEION KOGAKU (Journal of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.1	5
77	Fabrication of MgB2 thin films by electron beam evaporation technique. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1459-1463.	1.2	16
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Relationship between microstructure andJcproperty in MgB2/Î±-Al2O3film fabricated byin situelectron beam evaporation. Superconductor Science and Technology, 2005, 18, 1275-1279.	3.5	25
87	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 ETQq1 1 0.784314 rgBT /Ove		
88	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
89	Two-stepin situannealing effects on sputter-deposited MgB2thin films. Superconductor Science and Technology, 2004, 17, 47-50.	3.5	14
90	MgB2 films with very high critical current densities due to strong grain boundary pinning. Applied Physics Letters, 2004, 85, 2842-2844.	3.3	133

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91	Fabrication of YBa2Cu3O7 films on {110}â€˜110â€‰ textured Ag tapes by MOD process. Physica C: Superconductivity and Its Applications, 2004, 412-414, 900-904.	1.2	4
92	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
93	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
94	{}â€˜â€‰ textured Ag tapes for biaxially oriented YBa2Cu3O7 coated conductors. Physica C: Superconductivity and Its Applications, 2003, 392-396, 853-858.	1.2	10
95	Superconductivity of YBCO/(Sr,Ca)â€“Cuâ€“O/YBCO system. Physica C: Superconductivity and Its Applications, 2003, 388-389, 443-444.	1.2	1
96	MgB2 thin film fabrication by rf magnetron sputtering. Physica C: Superconductivity and Its Applications, 2003, 388-389, 115-116.	1.2	10
97	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
98	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
99	NBCO MICRO BRIDGE JUNCTIONS FABRICATED BY EXCIMER LASER PATTERNING. International Journal of Modern Physics B, 2002, 16, 1301-1306.	2.0	0
100	Thermal stability of nanometer-sized NiO and Sm-doped ceria powders. Journal of Materials Research, 2002, 17, 2266-2274.	2.6	21
101	Biaxially oriented NdBa2Cu3O7 films prepared on {100}â€˜001â€‰ textured Ag tapes without any buffer layers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 775-778.	1.2	6
102	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
103	and textured Ag tapes for biaxially oriented YBa2Cu3O7 coated conductors. Physica C: Superconductivity and Its Applications, 2002, 378-381, 927-931.	1.2	12
104	Micropatterning of NdBa2Cu3O thin films using a KrF excimer laser. Superconductor Science and Technology, 2001, 14, 45-49.	3.5	3
105	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
106	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
107	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
108	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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109	In-situ annealing effect of sputter-deposited Nd1Ba2Cu3O7â˜Î´ thin films. Thin Solid Films, 1999, 354, 195-200.	1.8	2
110	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
111	Magnetic and transport measurements of Tlâ€1223 superconductors. Journal of Applied Physics, 1995, 77, 5287-5292.	2.5	18
112	Tl0.5Pb0.5Sr1.7Ba0.3Ca2Cu3Ox Thim Films From Metal Acetate Solution. , 1994, , 945-948.		0
113	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
114	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
115	Flux pinning in Tl-(1223) superconductor. Cryogenics, 1992, 32, 936-939.	1.7	26
116	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
117	Flux pinning in single Tl-layer 1223 superconductors. Physica C: Superconductivity and Its Applications, 1991, 183, 67-72.	1.2	84
118	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
119	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
120	Flux Pinning Characteristics in Tl Series Superconductors. Japanese Journal of Applied Physics, 1991, 30, L1868-L1870.	1.5	27
121	Temperature Dependence of Lattice Parameters of YBa2Cu3OxSuperconductor at Low Temperature. Japanese Journal of Applied Physics, 1991, 30, L96-L98.	1.5	6
122	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
123	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
124	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
125	Rietveld Refinement of the Structure of TlSr2CaCu2O7by X-Ray Powder Diffraction Data. Japanese Journal of Applied Physics, 1990, 29, L57-L59.	1.5	52
126	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

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127	Superconducting Bi-Sr-Ca-Cu-O Thin Films by Sputtering. Japanese Journal of Applied Physics, 1988, 27, L1097-L1100.	1.5	15