Hiroyuki Fujishiro

List of Publications by Year
in descending order

187	2,862	186209 28	254106 43
papers	citations	h-index	g-index

188	188	188	1168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trapped Field Properties of MgB$_{2}$ Bulks Prepared Via an in-situ Infiltration-Reaction Process Using Refined Boron Powders. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	1
2	Possibility of mechanical fracture of superconducting ring bulks due to thermal stress induced by local heat generation during pulsed-field magnetization. Superconductor Science and Technology, 2022, 35, 045015.	1.8	7
3	Validation of a desktop-type magnet providing a quasi-microgravity space in a room-temperature bore of a high-gradient trapped field magnet (HG-TFM). Superconductor Science and Technology, 2022, 35, 054003.	1.8	1
4	Pulsed Field Magnetization of GdBaCuO Superconducting Bulks With High Magnetization Efficiency Using a Split-Type Coil With Soft Iron Yoke. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	1
5	Experimental realization of an all-(RE)BaCuO hybrid trapped field magnet lens generating a 9.8 T concentrated magnetic field from a 7 T external field. Superconductor Science and Technology, 2021, 34, 05LT02.	1.8	8
6	Modelling higher trapped fields by pulsed field magnetisation of composite bulk MgB₂ superconducting rings. Superconductor Science and Technology, 2021, 34, 114003.	1.8	8
7	A conceptual study of a high gradient trapped field magnet (HG-TFM) toward providing a quasi-zero gravity space on Earth. Superconductor Science and Technology, 2021, 34, 035001.	1.8	7
8	Simulation study for magnetic levitation in pure water exploiting the ultra-high magnetic field gradient product of a hybrid trapped field magnet lens (HTFML). Journal of Applied Physics, 2020, 127, .	1.1	5
9	Simulation of mechanical stresses in reinforced REBaCuO disk bulks during pulsed-field magnetization. Journal of Physics: Conference Series, 2020, 1559, 012029.	0.3	1
10	Realisation of Hybrid Trapped Field Magnetic Lens (HTFML) consisting of REBCO bulk lens and REBCO bulk cylinder at 77 K. Journal of Physics: Conference Series, 2020, 1559, 012079.	0.3	5
11	Optimized performance of an all-REBaCuO hybrid trapped field magnet lens (HTFML) with liquid nitrogen cooling. Physica C: Superconductivity and Its Applications, 2020, 575, 1353690.	0.6	4
12	A record-high trapped field of 1.61 T in MgB₂ bulk comprised of copper plates and soft iron yoke cylinder using pulsed-field magnetization. Superconductor Science and Technology, 2020, 33, 085002.	1.8	12
13	Numerical simulation of flux jump behavior in REBaCuO ring bulks with an inhomogeneous J_c profile during pulsed-field magnetization. Superconductor Science and Technology, 2020, 33, 044003.	1.8	16
14	Pulsed-field magnetisation of Y-Ba-Cu-O bulk superconductors fabricated by the infiltration growth technique. Superconductor Science and Technology, 2020, 33, 115012.	1.8	5
15	Effects of Carbon Doping on Trapped Magnetic Field of MgB$_{2}$ Bulk Prepared by in-situ Hot Isostatic Pressing Method. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.1	7
16	Numerical simulation of a hybrid trapped field magnet lens (HTFML) magnetized by pulsed fields. Journal of Physics: Conference Series, 2020, 1590, 012048.	0.3	1
17	Electromagnetic strain measurements and two-directional mechanical stress estimation for a REBaCuO ring bulk reinforced by a metal ring during field-cooled magnetization. Superconductor Science and Technology, 2019, 32, 125011.	1.8	7
18	Influence of Inner Diameter and Height of Ring-Shaped REBaCuO Bulks on Trapped Field and Mechanical Stress During Field-Cooled Magnetization. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.1	4

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19	Trapped Field Properties of GdBaCuO Bulk Superconductors of Various Diameters Magnetized by Pulsed Fields Using an Identical Split Coil. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	2
20	Proposal of an effective mechanical reinforcement structure for a REBaCuO disk bulk pair by full metal encapsulation to achieve a higher trapped field over 20 T. Superconductor Science and Technology, 2019, 32, 045005.	1.8	16
21	Design Optimization of a Hybrid Trapped Field Magnet Lens (HTFML). IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	9
22	Promising effects of a new hat structure and double metal ring for mechanical reinforcement of a REBaCuO ring-shaped bulk during field-cooled magnetisation at 10 T without fracture. Superconductor Science and Technology, 2019, 32, 065001.	1.8	12
23	Thermal and magnetic strain measurements on a REBaCuO ring bulk reinforced by a metal ring during field-cooled magnetization. Superconductor Science and Technology, 2019, 32, 015007.	1.8	9
24	Flux Dynamics and Thermal Behavior of a GdBaCuO Bulk Magnetized by Single- and Double-Pulse Techniques Using a Split-Type Coil. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	2
25	Influence of <italic>J</italic>c(<italic>B</italic>, <italic>T</italic>) Characteristics on the Pulsed Field Magnetization of REBaCuO Disk Bulks. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	6
26	Experimental realization of a hybrid trapped field magnet lens using a GdBaCuO magnetic lens and MgB₂ bulk cylinder. Superconductor Science and Technology, 2019, 32, 12LT03.	1.8	14
27	Field-cooled magnetization of Y-Ba-Cu-O superconducting bulk pair reinforced by full metal encapsulation under high magnetic fields up to 22â€‰T. Journal of Applied Physics, 2019, 126, .	1.1	11
28	Numerical modelling of mechanical stresses in bulk superconductor magnets with and without mechanical reinforcement. Superconductor Science and Technology, 2019, 32, 034002.	1.8	29
29	Thermal Conductivity and Dilatation of Bi-2223/Ag (DI-BSCCO) Superconducting Wire Laminated With Various Thin Alloy Tapes. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	4
30	A new concept of a hybrid trapped field magnet lens. Superconductor Science and Technology, 2018, 31, 044005.	1.8	26
31	Toward Optimization of Multi-Pulse, Pulsed Field Magnetization of Bulk High-Temperature Superconductors. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-7.	1.1	30
32	Crystal orientation, crystallinity, and thermoelectric properties of Bi0.9Sr0.1CuSeO epitaxial films grown by pulsed laser deposition. Japanese Journal of Applied Physics, 2018, 57, 025502.	0.8	3
33	New proposal of mechanical reinforcement structures to annular REBaCuO bulk magnet for compact and cryogen-free NMR spectrometer. Physica C: Superconductivity and Its Applications, 2018, 550, 52-56.	0.6	13
34	Numerical Simulation of Electromagnetic and Thermal Stress in REBaCuO Superconducting Ring and Disk Bulks Reinforced by Stainless Steel Ring With Various Widths During Field-Cooled Magnetization. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	7
35	Oxidation states and thermoelectric properties of BiCuSeO bulks fabricated under Bi or Se deficiencies in the nominal composition. Journal of Applied Physics, 2018, 123, 245104.	1.1	13
36	Pulsed-Field Magnetizing Characteristics of Rectangular-Shaped Gdâ€“Baâ€“Cuâ€“O Bulk Using Split- and Solenoid-Type Coils. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	4

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37	Trapped field properties of a Yâ€“Baâ€“Cuâ€“O bulk by pulsed field magnetization using a split coil inserted by iron yokes with various geometries and electromagnetic properties. Physica C: Superconductivity and Its Applications, 2017, 536, 1-10.	0.6	14
38	Simulation studies of mechanical stresses in REBaCuO superconducting ring bulks with infinite and finite height reinforced by metal ring during field-cooled magnetization. Superconductor Science and Technology, 2017, 30, 085008.	1.8	35
39	Electrical resistivity anomaly, valence shift of Pr ion, and magnetic behavior in epitaxial (Pr1-yYy)1-xCaxCoO3 thin films under compressive strain. Journal of Applied Physics, 2017, 121, 115104.	1.1	6
40	Pulsed Field Magnetization of Bridge-Seeded Bulk YBCO Using Solenoid and Split Coils. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	8
41	Fracture behavior analysis of EuBaCuO superconducting ring bulk reinforced by a stainless steel ring during field-cooled magnetization. Superconductor Science and Technology, 2017, 30, 115006.	1.8	24
42	Optimization of vortex pinning at grain boundaries onex-situMgB₂bulks synthesized by spark plasma sintering. Superconductor Science and Technology, 2017, 30, 095007.	1.8	21
43	Optimization of Infiltration and Reaction Process for the Production of Strong MgB $_{2}$ Bulk Magnets. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	6
44	Trapped Field Enhancement of a Thin, High-Jc MgB2 Bulk Without Flux Jumps Using Pulsed Field Magnetization With a Split-Type Coil With a Soft Iron Yoke. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	9
45	Electrical resistivity anomaly in (Pr1â^'yMy)1â^'xCaxCoO3 epitaxial films (M=Y, Gd) fabricated by pulsed laser deposition. AIP Advances, 2016, 6, .	0.6	8
46	Trapped field of 1.1 T without flux jumps in an MgB₂bulk during pulsed field magnetization using a split coil with a soft iron yoke. Superconductor Science and Technology, 2016, 29, 084001.	1.8	14
47	Flux jump-assisted pulsed field magnetisation of high-J_cbulk high-temperature superconductors. Superconductor Science and Technology, 2016, 29, 124004.	1.8	39
48	Substitution effect of tetravalent and pentavalent elements on thermoelectric properties in In₂O₃-SnO₂ system. Transactions of the Materials Research Society of Japan, 2016, 41, 101-108.	0.2	1
49	Potential ability of 3 T-class trapped field on MgB₂bulk surface synthesized by the infiltration-capsule method. Superconductor Science and Technology, 2016, 29, 115003.	1.8	12
50	Enhanced trapped field performance of bulk high-temperature superconductors using split coil, pulsed field magnetization with an iron yoke. Superconductor Science and Technology, 2016, 29, 074003.	1.8	63
51	Trapped Field Characteristics and Fracture Behavior of REBaCuO Bulk Ring During Pulsed Field Magnetization. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	31
52	Pulsed Field Magnetization of Single-Grain Bulk YBCO Processed From Graded Precursor Powders. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	6
53	Trapped magnetic-field properties of prototype for Gd-Ba-Cu-O/MgB₂hybrid-type superconducting bulk magnet. Superconductor Science and Technology, 2016, 29, 034005.	1.8	6
54	Flux jumps in high-J_cMgB₂bulks during pulsed field magnetization. Superconductor Science and Technology, 2016, 29, 034006.	1.8	19

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55	Vortex Pinning Properties of Dense Ti-Doped MgB₂Bulks Sintered at Different Temperatures. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	8
56	Ti-doping effects on magnetic properties of dense MgB₂bulk superconductors. Superconductor Science and Technology, 2015, 28, 095009.	1.8	33
57	Recent Progress of <inline-formula> <tex-math notation="TeX">$hbox{MgB}_{2}$</tex-math></inline-formula> Bulk Magnets Magnetized by Pulsed Field. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	9
58	Development of 4 T Class MgB₂ Bulk Magnets Doped by Ti. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	4
59	Modelling of bulk superconductor magnetization. Superconductor Science and Technology, 2015, 28, 053002.	1.8	141
60	Drastic improvement of the trapped field homogeneity in a superconducting hollow bulk by the insertion of a high-J_csuperconducting cylinder for NMR bulk magnets. Superconductor Science and Technology, 2015, 28, 095018.	1.8	17
61	Modelling and comparison of trapped fields in (RE)BCO bulk superconductors for activation using pulsed field magnetization. Superconductor Science and Technology, 2014, 27, 065008.	1.8	112
62	Numerical simulation of the trapped field in MgB₂bulk disks magnetized by field cooling. Superconductor Science and Technology, 2014, 27, 065019.	1.8	32
63	Magnetism of perovskite cobaltites with Kramers rare-earth ions. Journal of Applied Physics, 2014, 115, .	1.1	13
64	Suppression of the metal-insulator transition by magnetic field in (Pr1â^'yYy)0.7Ca0.3CoO3 (yâ€‰=â€‰0.0625). Journal of Applied Physics, 2014, 115, 233914.	1.1	11
65	Trapped magnetic field between double stacked MgB₂bulks magnetized by pulsed field. Journal of Physics: Conference Series, 2014, 507, 032016.	0.3	7
66	Trapped Field and Flux Dynamics in MgB2 Superconducting Bulks Magnetized by Pulsed Field. Physics Procedia, 2014, 58, 286-289.	1.2	4
67	Shielding and Trapped Field Properties of Large MgB2 Bulk. Physics Procedia, 2014, 58, 306-309.	1.2	3
68	Phase transition in Pr0.5Ca0.5CoO3 and related cobaltites. European Physical Journal B, 2013, 86, 1.	0.6	33
69	Numerical Simulation of Trapped Field and Temperature Rise in $hbox{MgB}_{2}$ Bulks Magnetized by Pulsed Field. IEEE Transactions on Applied Superconductivity, 2013, 23, 6800804-6800804.	1.1	8
70	Trapped Magnetic Field of Dense MgB2 Bulks Fabricated under High Pressure. Physics Procedia, 2013, 45, 93-96.	1.2	27
71	10T Class Trapped Field Properties of a Large Gd-Ba-Cu-O Bulk Superconductor. Physics Procedia, 2013, 45, 61-64.	1.2	12
72	Thermoelectric Properties of Li-Doped CuO. Japanese Journal of Applied Physics, 2013, 52, 031102.	0.8	8

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73	Spin-state crossover and low-temperature magnetic state in yttrium-doped Pr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math>CoO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	14
74	Ground-state properties of the mixed-valence cobaltites Nd_{0.7}Sr_{0.3}CoO₃, Nd_{0.7}Ca_{0.3}CoO₃and Pr_{0.7}Ca_{0.3}CoO₃. Journal of Physics Condensed Matter, 2013, 25, 216006.	1.1	19
75	Trapped Field Profiles on Square GdBaCuO Bulks with Different Arrangement of Growth Sector Boundaries. Japanese Journal of Applied Physics, 2012, 51, 093005.	0.7	12
76	Thermoelectric properties of Li-doped Cu0.95-xM0.05LixO (M=Mn, Ni, Zn). Materials Research Society Symposia Proceedings, 2012, 1490, 69-73.	0.8	3
77	Valence Shift of Pr Ion from 3+ to 4+ in (Pr_{1-y}Y_y)_{0.7}Ca_{0.3}CoO₃ Estimated by X-Ray Absorption Spectroscopy. Journal of the Physical Society of Japan, 2012, 81, 064709.	0.1	0
78	Size Effect of Magnetizing Solenoid Coil for Pulsed Field Magnetization on the Trapped Field on Superconducting Bulk. IEEE Transactions on Applied Superconductivity, 2012, 22, 4700204-4700204.	0.7	33
79	A Proposal of New Fabricating Technique of Large MgB$_{2}$ Bulk by a Capsule Method. IEEE Transactions on Applied Superconductivity, 2012, 22, 4401703-4401703.	1.1	2
80	Three-dimensional Simulation of Magnetic Flux Dynamics and Temperature Rise in HTSC Bulk during Pulsed Field Magnetization. Physics Procedia, 2012, 36, 687-692.	1.1	7
81	Trapped magnetic field and vortex pinning properties of MgB₂superconducting bulk fabricated by a capsule method. Superconductor Science and Technology, 2012, 25, 095012.	1.2	12
82	Trapped Field Profiles on Square GdBaCuO Bulks with Different Arrangement of Growth Sector Boundaries. Japanese Journal of Applied Physics, 2012, 51, 093005.	1.8	69
83	Analysis of Temperature and Magnetic Field Distribution in Superconducting Bulk During Pulsed Field Magnetization. IEEE Transactions on Applied Superconductivity, 2011, 21, 2723-2726.	0.8	13
84	Thermally and field-driven spin-state transitions in (Pr1â^'yYy)0.7Ca0.3CoO3. Journal of Applied Physics, 2011, 109, .	1.1	19
85	Effect of Carrier Doping on Physical Properties of A-Site Ordered Perovskite CaCu₃Ti₄O₁₂. Journal of the Physical Society of Japan, 2011, 80, SA113.	1.1	14
86	Simulation of flux dynamics in a superconducting bulk magnetized by multi-pulse technique. Physica C: Superconductivity and Its Applications, 2011, 471, 889-892.	0.7	3
87	Jc distribution measurement and analysis on superconducting bulk using â€œMagnetoscanâ€•method. Physica C: Superconductivity and Its Applications, 2011, 471, 893-896.	0.6	6
88	Magnetic separation technique for groundwater by five HTS melt-processed bulk magnets arranged in a line. Physica C: Superconductivity and Its Applications, 2011, 471, 1506-1510.	0.6	1
89	Thermal Conductivity of YBCO Coated Conductors Reinforced by Metal Tape. IEEE Transactions on Applied Superconductivity, 2011, 21, 3037-3040.	0.6	1
90		1.1	16

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91	Elastic and thermal transport properties of (Pr_{1â^'x}Sm_x)_{0.7}Ca_{0.3}CoO₃at metal-insulator transition. Journal of Physics: Conference Series, 2010, 200, 012137.	0.3	3
92	Temperature measurements in small holes drilled in superconducting bulk during pulsed field magnetization. Physica C: Superconductivity and Its Applications, 2010, 470, 1181-1184.	0.6	7
93	Simulation of temperature and magnetic field distribution in superconducting bulk during pulsed field magnetization. Superconductor Science and Technology, 2010, 23, 105021.	1.8	58
94	Estimation of temperature rise from trapped field gradient on superconducting bulk magnetized by multi-pulse technique. Superconductor Science and Technology, 2010, 23, 025013.	1.8	6
95	Highly efficient magnetic separation using five-aligned superconducting bulk magnet. Journal of Physics: Conference Series, 2010, 234, 032015.	0.3	5
96	Simultaneous Metalâ€“Insulator and Spin-State Transition in (Pr_{1-y}RE_y)_{1-x}Ca_xCoO₃ (RE=Nd, Sm, Gd, and Y). Journal of the Physical Society of Japan, 2010, 79, 034710.	1.7	27
97	Metal-insulator transition and the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Pr</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn> shift in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:m. Physical Review B, 2010, 82, .	1.1	63
98	Enhancement of trapped field and total trapped flux on GdBaCuO bulk by the MMPSC+IMRA method. Superconductor Science and Technology, 2009, 22, 095006.	1.8	21
99	Enhancement of total trapped fluxes on Ï†65mm GdBaCuO bulk by multi-pulse techniques. Physica C: Superconductivity and Its Applications, 2009, 469, 1250-1253.	0.6	4
100	Thermal conductivity of single and multi-stacked DI-BSCCO tapes. Cryogenics, 2009, 49, 429-432.	0.9	21
101	Thermal Conductivity and Thermal Dilatation of Commercial BSCCO (DI-BSCCO) Tapes. IEEE Transactions on Applied Superconductivity, 2009, 19, 3034-3036.	1.1	7
102	Pulsed Field Magnetization for GdBaCuO Bulk With Stronger Pinning Characteristics. IEEE Transactions on Applied Superconductivity, 2009, 19, 3545-3548.	1.1	32
103	Finite element analysis of pulsed field magnetization process in a cylindrical bulk superconductor. Physica C: Superconductivity and Its Applications, 2008, 468, 1494-1497.	0.6	8
104	Trapped field enhancement of five-aligned superconducting bulk magnetized by pulse field for magnetic separation. Physica C: Superconductivity and Its Applications, 2008, 468, 1469-1472.	0.6	10
105	Trapped field characteristics on Ï†65mm GdBaCuO bulk by modified multi-pulse technique with stepwise cooling (MMPSC). Physica C: Superconductivity and Its Applications, 2008, 468, 1477-1480.	0.6	11
106	Possible explanation for trapped field enhancement on REBaCuO bulk by modified multi-pulse technique with stepwise cooling (MMPSC). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 95-100.	1.7	4
107	Numerical Analysis of Bulk Superconducting Magnet Magnetized by Pulsed-Field Considering a Partial Difference of Superconducting Characteristics. IEEE Transactions on Applied Superconductivity, 2008, 18, 1545-1548.	1.1	8
108	Thermal Conductivity Anomalies of RECoO3 (RE = Laâ€“Nd) Related to Valency and Spin State of Co Ion. Journal of the Physical Society of Japan, 2008, 77, 084603.	0.7	2

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109	Numerical Evaluation of Pulsed Field Magnetization in a Bulk Superconductor Using Energy Minimization Technique. IEEE Transactions on Applied Superconductivity, 2008, 18, 1557-1560.	1.1	7
110	Solution Growth and Structures of Semiconducting Distyryl-Oligothiophene. Molecular Crystals and Liquid Crystals, 2008, 491, 264-269.	0.4	5
111	Enhancement of Trapped Field and Total Trapped Flux on High Temperature Bulk Superconductor by a New Pulse-Field Magnetization Method. Japanese Journal of Applied Physics, 2007, 46, 4108.	0.8	10
112	Trapped field and temperature rise on a Ï† 65 mm GdBaCuO bulk by pulse field magnetization. Superconductor Science and Technology, 2007, 20, 1009-1014.	1.8	13
113	Importance of initial â€œM-shapedâ€•trapped field profile in a two-stage pulse field magnetization (MMPSC) method. Physica C: Superconductivity and Its Applications, 2007, 463-465, 394-397.	0.6	28
114	Trapped field and temperature rise in rectangular-shaped HTSC bulk magnetized by pulse fields. Physica C: Superconductivity and Its Applications, 2007, 463-465, 398-401.	0.6	12
115	New Type Superconducting Bulk Magnet by Pulse Field Magnetizing With Usable Surface on Both Sides in Open Space. IEEE Transactions on Applied Superconductivity, 2006, 16, 1080-1083.	1.1	11
116	Low-Thermal-Conductive<tex>$rm DyBaCuO$</tex>Bulk Superconductor for Current Lead Application. IEEE Transactions on Applied Superconductivity, 2006, 16, 1007-1010.	1.1	21
117	Metalâ€“insulator transition and phonon scattering mechanisms in La1â^'xSrxCoO3. Physica B: Condensed Matter, 2006, 378-380, 529-531.	1.3	7
118	Development of five aligned superconducting bulk magnets by pulse field magnetizing. Physica C: Superconductivity and Its Applications, 2006, 445-448, 399-402.	0.6	7
119	Higher trapped field over 5T on HTSC bulk by modified pulse field magnetizing. Physica C: Superconductivity and Its Applications, 2006, 445-448, 334-338.	0.6	175
120	Analyses of the Pinning Mechanism for the Superconductor/Normal-Metal and Superconductor/Superconductor Multilayers. Journal of Superconductivity and Novel Magnetism, 2006, 19, 117-123.	0.8	0
121	Thermal conductivity anomaly in La0.52Ca0.48MnO3 under applied field. Physica B: Condensed Matter, 2006, 378-380, 499-500.	1.3	2
122	The effect of Î³-irradiation on thermal strain of high strength polyethylene fiber at low temperature. Journal of Applied Polymer Science, 2006, 102, 204-209.	1.3	7
123	Thermal conductivity of ramie fiber drawn in water in low temperature. Journal of Applied Polymer Science, 2006, 100, 2196-2202.	1.3	7
124	Radiation effect on the thermal conductivity and diffusivity of ramie fibers in a range of low temperatures by Î³ rays. Journal of Applied Polymer Science, 2006, 100, 5007-5018.	1.3	9
125	The radiation effect on thermal conductivity of high strength ultra-high-molecular-weight polyethylene fiber by Î³-rays. Journal of Applied Polymer Science, 2006, 101, 2619-2626.	1.3	9
126	Heat propagation analysis in HTSC bulks during pulse field magnetization. Superconductor Science and Technology, 2006, 19, S540-S544.	1.8	12

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127	Database for thermal and mechanical properties of REBaCuO bulks. Physica C: Superconductivity and Its Applications, 2005, 426-431, 699-704.	0.6	14
128	Temperature rise and trapped field in a GdBaCuO bulk superconductor cooled down to 10K after applying pulsed magnetic field. Physica C: Superconductivity and Its Applications, 2005, 426-431, 671-675.	0.6	13
129	Anomalous phonon scattering by Jahnâ€“Teller active Co intermediate spins in LaCoO3 and doped LaCoO3. Physica B: Condensed Matter, 2005, 359-361, 1360-1362.	1.3	6
130	Approach from temperature measurement to trapped field enhancement in HTSC bulks by pulse field magnetizing. Physica C: Superconductivity and Its Applications, 2005, 426-431, 594-601.	0.6	8
131	Thermal conductivity of high strength polyethylene fiber in low temperature. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1495-1503.	2.4	17
132	Effects of vapor-phase-formaldehyde treatments on thermal conductivity and diffusivity of ramie fibers in the range of low temperature. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2754-2766.	2.4	10
133	Generated heat during pulse field magnetizing for REBaCuO (RE = Gd, Sm, Y) bulk superconductors with different pinning abilities. Superconductor Science and Technology, 2005, 18, 158-165.	1.8	36
134	Record-High Trapped Magnetic Field by Pulse Field Magnetization Using GdBaCuO Bulk Superconductor. Japanese Journal of Applied Physics, 2005, 44, L1221-L1224.	0.8	45
135	Rise-Time Elongation Effects on Trapped Field and Temperature Rise in Pulse Field Magnetization for High Temperature Superconducting Bulk. Japanese Journal of Applied Physics, 2005, 44, 4919-4925.	0.8	28
136	Effect of Metal Ring Setting Outside HTSC Bulk Disk on Trapped Field and Temperature Rise in Pulse Field Magnetizing. IEEE Transactions on Applied Superconductivity, 2005, 15, 3762-3765.	1.1	14
137	Temperature rise in an Sm-based bulk superconductor after applying iterative pulse fields. Superconductor Science and Technology, 2004, 17, 51-57.	1.8	38
138	Flux Motion Studies by Means of Temperature Measurement in Magnetizing Processes for HTSC Bulks. IEEE Transactions on Applied Superconductivity, 2004, 14, 1054-1057.	1.1	15
139	Repulsive Flux Pinning Force in NbTi/Nb Superconductor/Superconductor Multilayers. Journal of Low Temperature Physics, 2004, 137, 125-137.	0.6	4
140	Thermal strain of high strength polyethylene fiber in low temperature. Journal of Applied Polymer Science, 2004, 93, 2918-2925.	1.3	9
141	Estimation of generated heat in pulse field magnetizing for SmBaCuO bulk superconductor. Physica C: Superconductivity and Its Applications, 2004, 412-414, 646-650.	0.6	31
142	Temperature measurement of RE123 bulk superconductors on magnetizing process. Physica C: Superconductivity and Its Applications, 2004, 412-414, 688-694.	0.6	11
143	Lattice effect on ferromagnetic-metal phase transition in Pr0.65Ca0.35(Mn1â^'ZCoZ)O3 and Pr0.65Ca0.35(Mn1â^'ZCrZ)O3. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1798-1799.	1.0	4
144	Preparation of RuSr2GdCu2O8 Compounds with Enhanced Superconducting Transition Temperature. Journal of Low Temperature Physics, 2003, 131, 589-593.	0.6	2

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145	Additional effect of Ag and 211 phase on thermal expansion of REBaCuO bulk superconductor (RE=Sm,) Tj ETQq1 1 0.784314 rgBT /O	0.9	5
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