Gen Nishijima

List of Publications by Year
in descending order

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208	2,569	257450	302126
papers	citations	24 h-index	39 g-index

208	208	208	1207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Significantly enhanced critical current densities in MgB2 tapes made by a scaleable nanocarbon addition route. Applied Physics Letters, 2006, 88, 072502.	3.3	177
2	Achievement of 1020 MHz NMR. Journal of Magnetic Resonance, 2015, 256, 30-33.	2.1	127
3	Test of the ITER central solenoid model coil and CS insert. IEEE Transactions on Applied Superconductivity, 2002, 12, 600-605.	1.7	75
4	Large transport critical currents of powder-in-tube Sr0.6K0.4Fe2As2/Ag superconducting wires and tapes. Physica C: Superconductivity and Its Applications, 2010, 470, 183-186.	1.2	72
5	Progress of the ITER central solenoid model coil programme. Nuclear Fusion, 2001, 41, 645-651.	3.5	63
6	Degradation of a REBCO Coil Due to Cleavage and Peeling Originating From an Electromagnetic Force. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-6.	1.7	49
7	The effect of ZrSi2and SiC doping on the microstructure andJcâ€“Bproperties of PIT processed MgB2tapes. Superconductor Science and Technology, 2006, 19, 133-137.	3.5	46
8	Quench and self-protecting behaviour of an intra-layer no-insulation (LNI) REBCO coil at 31.4 T. Superconductor Science and Technology, 2021, 34, 064003.	3.5	45
9	ITER CS model coil and CS insert test results. IEEE Transactions on Applied Superconductivity, 2001, 11, 2030-2033.	1.7	43
10	Effects of a High Magnetic Field on Microstructure and Texture Evolution in a Cold-rolled Interstitial-Free (IF) Steel Sheet during Annealing. Advanced Engineering Materials, 2003, 5, 579-583.	3.5	43
11	First test results for the ITER central solenoid model coil. Fusion Engineering and Design, 2001, 56-57, 59-70.	1.9	40
12	High-performance dense MgB₂superconducting wire fabricated from mechanically milled powder. Superconductor Science and Technology, 2017, 30, 044006.	3.5	40
13	1020 MHz single-channel proton fast magic angle spinning solid-state NMR spectroscopy. Journal of Magnetic Resonance, 2015, 261, 1-5.	2.1	38
14	Transport Characteristics of CVD-YBCO Coated Conductor under Hoop Stress. IEEE Transactions on Applied Superconductivity, 2008, 18, 1131-1134.	1.7	37
15	Room and low temperature direct three-dimensional-strain measurements by neutron diffraction on as-reacted and prebent CuNbâˆ•Nb3Sn wire. Journal of Applied Physics, 2007, 101, 103913.	2.5	36
16	Completion of CS insert fabrication. IEEE Transactions on Applied Superconductivity, 2000, 10, 564-567.	1.7	32
17	Combination of high hoop stress tolerance and a small screening current-induced field for an advanced Bi-2223 conductor coil at 4.2 K in an external field. Superconductor Science and Technology, 2015, 28, 125005.	3.5	31
18	Successful Upgrading of 920-MHz NMR Superconducting Magnet to 1020 MHz Using Bi-2223 Innermost Coil. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-7.	1.7	31

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19	Performance of a Cryogen-Free 30 T-Class Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2006, 16, 934-939.	1.7	30
20	Mechanical properties of MgB₂superconducting wires fabricated by internal Mg diffusion process. Superconductor Science and Technology, 2012, 25, 054012.	3.5	30
21	Cryogen-free hybrid magnet for magnetic levitation. Physica C: Superconductivity and Its Applications, 2003, 386, 485-489.	1.2	27
22	A Cryocooler-Cooled 19 T Superconducting Magnet With 52 mm Room Temperature Bore. IEEE Transactions on Applied Superconductivity, 2004, 14, 393-396.	1.7	25
23	Large irreversibility field in nanoscale C-doped MgB2/Fe tape conductors. Superconductor Science and Technology, 2007, 20, L5-L8.	3.5	25
24	Development of High-Strength<tex>$rm Nb_3rm Sn$</tex>Conductor. IEEE Transactions on Applied Superconductivity, 2004, 14, 1004-1007.	1.7	24
25	18.1â€‰T cryocooled superconducting magnet with a Bi2223 high- insert. Fusion Engineering and Design, 2006, 81, 2425-2432.	1.9	24
26	Effect of transverse compressive stress on internal reinforced Nb3Sn superconducting wires and coils. Cryogenics, 2005, 45, 653-658.	1.7	23
27	Doping with a special carbohydrate, C₉H₁₁NO, to improve theJ_câ€“Bproperties of MgB₂tapes. Superconductor Science and Technology, 2010, 23, 025024.	3.5	23
28	Development of 46-kA Nb/sub 3/Sn conductor joint for ITER Model Coils. IEEE Transactions on Applied Superconductivity, 2000, 10, 580-583.	1.7	22
29	Prebending effects in bronze route Nb3Sn wires. Superconductor Science and Technology, 2005, 18, S313-S318.	3.5	22
30	Effect of ODS-Cu Composition for Mechanical-Electromagnetic Property of Bronze-Processed <formula formulatype="inline"> <tex Notation="TeX">${\rm Nb}_{3}{\rm Sn}$</tex></formula> Superconducting Wire. IEEE Transactions on Applied Superconductivity, 2010, 20, 1391-1394.	1.7	22
31	Anomalous power and spectrum dependence of terahertz radiation from femtosecond-laser-irradiated indium arsenide in high magnetic fields up to 14 T. Applied Physics Letters, 2003, 82, 1164-1166.	3.3	21
32	Large<tex>$\rm T_{\rm c}$</tex>,<tex>$\rm B_{\rm c2}$</tex>and<tex>$\rm I_{\rm c}$</tex>Enhancement Effect Due to the Prebending Treatment for Bronze Route<tex>$\rm Nb_3Sn$</tex>Wires. IEEE Transactions on Applied Superconductivity, 2005, 15, 3564-3567.	1.7	21
33	The effect of different nanoscale material doping on the critical current properties ofin situprocessed MgB2tapes. Superconductor Science and Technology, 2006, 19, 479-483.	3.5	21
34	Fundamental studies for the application of quench protection systems based on an active power method for cryocooled LTS coils. Cryogenics, 2008, 48, 148-153.	1.7	21
35	Thermal stability of oxide superconductor at various temperatures. IEEE Transactions on Applied Superconductivity, 2002, 12, 1155-1158.	1.7	20
36	Neutron Diffraction Study on Prebending Effects for Bronze Route<tex>$\rm Nb_3Sn$</tex>Wires Without Reinforcement. IEEE Transactions on Applied Superconductivity, 2006, 16, 1228-1231.	1.7	19

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37	High field Ic characterizations of commercial HTS conductors. Physica C: Superconductivity and Its Applications, 2015, 516, 31-35.	1.2	19
38	Enhancement of Critical Current Densities by the Prebending Strain at Room Temperature for Nb3Sn Wires. Japanese Journal of Applied Physics, 2003, 42, L1142-L1144.	1.5	18
39	Current sharing effect on the current instability and allowable temperature rise of composite high-TC superconductors. Physica C: Superconductivity and Its Applications, 2004, 416, 126-136.	1.2	18
40	Upgrading Design to a 25 T Cryogen-Free Superconducting Magnet Based on Low Temperature and High Magnetic Field Properties of the Practical CVD Processed Coated Conductors. IEEE Transactions on Applied Superconductivity, 2010, 20, 592-595.	1.7	18
41	Shimming for the 1020 MHz LTS/Bi-2223 NMR Magnet. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-7.	1.7	18
42	Enhancement of Upper Critical Field and Critical Temperature by Prebending Process for Practical Nb3Sn Wires. Japanese Journal of Applied Physics, 2004, 43, L709-L711.	1.5	17
43	Neutron irradiation effects on superconducting wires and insulating materials. Fusion Engineering and Design, 2009, 84, 1425-1428.	1.9	17
44	Limiting current-carrying capacity of Ag-sheathed Bi2Sr2CaCu2O8conductors: linear approximation. Superconductor Science and Technology, 2004, 17, 1242-1246.	3.5	16
45	Improvement of<tex>I_c</tex>by Loading and Unloading Bending Strain for High Strength<tex>$hboxNb_3hboxSn$</tex>Wires. IEEE Transactions on Applied Superconductivity, 2004, 14, 983-986.	1.7	16
46	Completion of the ITER CS model coil-outer module fabrication. IEEE Transactions on Applied Superconductivity, 2000, 10, 568-571.	1.7	15
47	Development of ITER-CS model coil terminal assembling by using indium wires. Fusion Engineering and Design, 2001, 58-59, 93-97.	1.9	15
48	Carbon nanohorn doping in MgB2 wire prepared by suspension spinning. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1249-1253.	1.2	15
49	Case Study of a 20 T-phi400 mm Room Temperature Bore Superconducting Outsert for a 45 T Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2008, 18, 552-555.	1.7	15
50	Hoop stress test on new high strength alloy laminated Bi-2223 conductor. Superconductor Science and Technology, 2015, 28, 075013.	3.5	15
51	Equipment for Power Outage in Operation of Driven-Mode NMR Magnet. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	15
52	Tailored joint fabrication process derived ultra-low resistance MgB2 superconducting joint. Scripta Materialia, 2020, 178, 198-202.	5.2	15
53	Application of the prebending strain effect on CuNb/Nb3Sn superconducting coils fabricated by a react-and-wind method. Superconductor Science and Technology, 2005, 18, S261-S265.	3.5	14
54	Cryogen-Free 23 T Superconducting Magnet with a 7.5 T YBa₂Cu₃O₇Insert Coil. Applied Physics Express, 2009, 2, 113001.	2.4	14

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55	Effect of processing temperature on the superconducting properties of acetone doped MgB2 tapes. Physica C: Superconductivity and Its Applications, 2009, 469, 23-26.	1.2	14
56	Simultaneous introduction of scattering and pinning in organic rare-earth salt doped MgB₂tapes. Superconductor Science and Technology, 2010, 23, 045024.	3.5	14
57	HTS Coil Test Facility in a Large Bore 20 T Resistive Magnet at LNCMI. IEEE Transactions on Applied Superconductivity, 2013, 23, 9500204-9500204.	1.7	14
58	Thermal stability of reinforced Nb3Sn composite superconductor under cryocooled conditions. Cryogenics, 2004, 44, 687-693.	1.7	13
59	Prebending Strain Effect on<tex>$rm CuNb/Nb_3rm Sn$</tex>Superconducting Wire During Practical React-and-Wind Process. IEEE Transactions on Applied Superconductivity, 2006, 16, 1220-1223.	1.7	13
60	Design and Test Results of 18.1 T Cryocooled Superconducting Magnet With Bi2223 Insert. IEEE Transactions on Applied Superconductivity, 2007, 17, 1422-1425.	1.7	13
61	Advances in the First Cryogen-Free Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2004, 14, 388-392.	1.7	12
62	MgB2/Fe superconducting tapes made using mechanically milled powders in Ar and H2 atmospheres. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1231-1237.	1.2	12
63	Residual strain measurement using neutron diffraction for practical Nb3Sn wires under a tensile load. Superconductor Science and Technology, 2010, 23, 025034.	3.5	12
64	Transport critical current measurement apparatus using liquid nitrogen cooled high-Tc superconducting magnet with variable temperature insert. Review of Scientific Instruments, 2013, 84, 015113.	1.3	12
65	Superconducting joints using Bi-added PbSn solders. Applied Physics Express, 2017, 10, 093102.	2.4	12
66	Terahertz radiation from InAs with various surface orientations under magnetic field irradiated with femtosecond optical pulses at different wavelengths. Journal of Applied Physics, 2004, 95, 4545-4550.	2.5	11
67	Development of a Bi2223 Insert Coil for a Conduction-Cooled 19 T Superconducting Magnet. IEEE Transactions on Applied Superconductivity, 2005, 15, 1512-1515.	1.7	11
68	Effect of Prebending Strain on<tex>$rm CuNb/Nb_3rm Sn$</tex>Superconducting Coils Using a React and Wind Method. IEEE Transactions on Applied Superconductivity, 2006, 16, 1237-1240.	1.7	11
69	Performance of as-reacted and multiple bent (â€˜pre-bentâ€™) practical Nb3Sn bronze route wires with different architectures. Superconductor Science and Technology, 2007, 20, 273-280.	3.5	11
70	Strain Gauge Method for Evaluating a Three-Dimensional Residual Strain State in ${m Nb}_{3}{m Sn}$ Wires. IEEE Transactions on Applied Superconductivity, 2010, 20, 1420-1423.	1.7	11
71	Three-Dimensional Strain Model on the Superconducting Properties Under the Strain for ${m Nb}_{3}{m Sn}$ Wires. IEEE Transactions on Applied Superconductivity, 2010, 20, 1424-1427.	1.7	11
72	Efficiency of High Magnetic Fields in Solid-state NMR. Chemistry Letters, 2016, 45, 209-210.	1.3	11

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73	Development of a Superconducting Joint Resistance Evaluation System. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.7	11
74	Critical current improvement and resistance evaluation of superconducting joint between Bi2223 tapes. Superconductor Science and Technology, 2022, 35, 02LT02.	3.5	11
75	Fabrication of ITER central solenoid model coil-outer module. IEEE Transactions on Applied Superconductivity, 1999, 9, 628-631.	1.7	10
76	Current distribution and strain influence on the electromagnetic performance of the CS Insert. IEEE Transactions on Applied Superconductivity, 2001, 11, 1538-1541.	1.7	10
77	Thermal stability of oxide superconductors in flux flow state. IEEE Transactions on Applied Superconductivity, 2003, 13, 1576-1579.	1.7	10
78	Application of prebending effect to high strength Nb3 Sn strands. Fusion Engineering and Design, 2006, 81, 2473-2478.	1.9	10
79	Current-carrying capacity dependence of composite Bi2Sr2CaCu2O8superconductors on the liquid coolant conditions. Superconductor Science and Technology, 2006, 19, 703-710.	3.5	10
80	Sub- and overcritical stable states of composite high-Tc superconductors with different E(J) dependences and their unavoidable overheating. Journal of Applied Physics, 2006, 100, 063905.	2.5	10
81	Effect of Nano-C Doping on the Critical Current Density and Flux Pinning of MgB$_{2}$ Tapes. IEEE Transactions on Applied Superconductivity, 2007, 17, 2915-2918.	1.7	10
82	Compact Design of a 30 T Superconducting Magnet Incorporating YBa₂Cu₃O₇Coated Conductor Tapes and Pre-reacted Nb₃Sn Strand Cables. Applied Physics Express, 0, 1, 101703.	2.4	10
83	Operation of 1020-MHz NMR Superconducting Magnet. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	10
84	International round robin test for tensile testing HTS wires at cryogenic temperatures. Superconductor Science and Technology, 2019, 32, 024005.	3.5	10
85	Performance test of a CuNb reinforced (Nb,Ti)/sub 3/Sn coil fabricated by the react and wind method. IEEE Transactions on Applied Superconductivity, 2002, 12, 1697-1700.	1.7	9
86	Construction of the cryogen-free 23 T hybrid magnet. IEEE Transactions on Applied Superconductivity, 2002, 12, 678-681.	1.7	9
87	Evaluation method of critical current and current sharing temperature for large-current cable-in-conduit conductors. IEEE Transactions on Applied Superconductivity, 2003, 13, 1404-1407.	1.7	9
88	Magnetic-Field-Induced Enhancement of THz-Radiation Power from Femtosecond-Laser-Irradiated InAs up to 27 T. Japanese Journal of Applied Physics, 2003, 42, L532-L534.	1.5	9
89	Mechanical and Superconducting Properties of Bi-2223 Tape for 19 T Cryogen-Free Superconducting Magnet. IEEE Transactions on Applied Superconductivity, 2004, 14, 1210-1213.	1.7	9
90	Relationship between architecture, filament breakage and critical current decay in Nb3Sn composite wires repeatedly in-plane bent at room temperature. Superconductor Science and Technology, 2006, 19, 323-332.	3.5	9

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91	The Prebending Strain Effect on $hbox{Nb}_{3}hbox{Sn}$ Superconducting Cabling Conductors. IEEE Transactions on Applied Superconductivity, 2008, 18, 1018-1021.	1.7	9
92	20 T Compact Superconducting Outsert Employing Y123 Coated Conductors for a 45 T Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2009, 19, 1592-1595.	1.7	9
93	Influence of acetone doping on the Jc anisotropy of MgB2/Fe tapes. Physica C: Superconductivity and Its Applications, 2010, 470, 1435-1437.	1.2	9
94	Hoop Stress Test of $hbox{GdBa}_{2}hbox{Cu}_{3}hbox{O}_{m y}$ Coated Conductor. IEEE Transactions on Applied Superconductivity, 2011, 21, 3094-3097.	1.7	9
95	Transport and Mechanical Property Evaluation for Cu Stabilized PLD-${hbox{GdBa}}_{2}{hbox{Cu}}_{3}{hbox{O}}_{m y}$ Coated Conductor. IEEE Transactions on Applied Superconductivity, 2012, 22, 6600304-6600304.	1.7	9
96	International round robin test for mechanical properties of REBCO superconductive tapes at room temperature. Superconductor Science and Technology, 2014, 27, 085009.	3.5	9
97	International Round Robin Test for Critical Current Measurement of RE-Ba-Cu-O Superconducting Tapes. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	9
98	Design of a 60-kA HTS current lead for fusion magnets and its R&D. IEEE Transactions on Applied Superconductivity, 2001, 11, 2535-2538.	1.7	8
99	Superconducting Properties and Thermal Stability of High-Strength<tex>$rm Nb_rm 3rm Sn$</tex>Wire With Ta-Reinforced Filaments. IEEE Transactions on Applied Superconductivity, 2005, 15, 3442-3445.	1.7	8
100	Enhancement ofJCâ€“Bproperties in MoSi2-doped MgB2tapes. Superconductor Science and Technology, 2006, 19, 699-702.	3.5	8
101	Superconducting and Mechanical Properties of Impregnated REBCO Pancake Coils Under Large Hoop Stress. IEEE Transactions on Applied Superconductivity, 2013, 23, 4600305-4600305.	1.7	8
102	Homogeneous performance and strain tolerance of long Bi-2223 HTS conductors under hoop stress. Superconductor Science and Technology, 2014, 27, 025003.	3.5	8
103	Electromagnetic properties and microstructures ofin situMgB2wires made from three types of boron powders. Superconductor Science and Technology, 2016, 29, 105016.	3.5	8
104	Dependence of Critical Current and Quench Energy of BSCCO-2223 Tapes on Bending Diameter. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	8
105	Eâ€“Jproperties of Bi2212 tape in the practical current region. Superconductor Science and Technology, 2004, 17, S568-S571.	3.5	7
106	Design of a Cryocooler-Cooled Large Bore Superconducting Magnet for a 30 T Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2004, 14, 368-371.	1.7	7
107	A New Model of Two Directional<tex>$J_rm c$</tex>Distributions for<tex>$rm Bi_2rm Sr_2rm Carm Cu_2rm O_8$</tex>Materials. IEEE Transactions on Applied Superconductivity, 2006, 16, 1019-1022.	1.7	7
108	Influence of Deviatoric Strain for Superconducting Parameters of $hbox{Nb}_{3}hbox{Sn}$ Wires. IEEE Transactions on Applied Superconductivity, 2008, 18, 1047-1050.	1.7	7

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109	Unit Coil Development for Y-SMES. IEEE Transactions on Applied Superconductivity, 2011, 21, 1348-1353.	1.7	7
110	Strain Dependence of Superconducting Properties for GdBCO Coated Conductor in High Field Under Tensile Load. IEEE Transactions on Applied Superconductivity, 2012, 22, 6600504-6600504.	1.7	7
111	$I_{m c}$â€“ Bâ€“T Evaluation for High-$T_{m c}$ Superconductors in Pressurized/Depressurized Liquid Nitrogen. IEEE Transactions on Applied Superconductivity, 2013, 23, 8000703-8000703.	1.7	7
112	International round robin test of the retained critical current after double bending at room temperature of Ag-sheathed Bi-2223 superconducting wires. Superconductor Science and Technology, 2016, 29, 025010.	3.5	7
113	Estimation of Joint Resistance in REBCO Single-Turn Loop Under Magnetic Fields. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	7
114	Fundamental Evaluations of Applicability of LTS Quench Detectors to REBCO Pancake Coil. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	7
115	First performance test of the cryogenfree hybrid magnet. IEEE Transactions on Applied Superconductivity, 2003, 13, 1632-1635.	1.7	6
116	Current-carrying properties in a low resistivity state for Ag-sheathed Bi2Sr2CuCu2O8tape. Superconductor Science and Technology, 2004, 17, S533-S537.	3.5	6
117	Mechanical characteristics of Bi-2223 tape with a low matrix ratio. Superconductor Science and Technology, 2005, 18, 47-50.	3.5	6
118	Development of High Strength<tex>$rm Nb_3rm Sn$</tex>Wires With<tex>$rm Ta$</tex>-reinforced Filaments. IEEE Transactions on Applied Superconductivity, 2006, 16, 1261-1264.	1.7	6
119	High Field and High Temperature Characteristics of Small Test Coil Using CVD-YBCO Tape for SMES. IEEE Transactions on Applied Superconductivity, 2007, 17, 2220-2223.	1.7	6
120	Application of Prebending Effect to Triplet Cables Using Bronze-Route ${m Nb}_{3}{m Sn}$ Strands. IEEE Transactions on Applied Superconductivity, 2007, 17, 2595-2598.	1.7	6
121	Study on neutron irradiation effect of superconductors and installation of 15.5T magnet in hot laboratory at IMR in Tohoku University. Journal of Nuclear Materials, 2011, 417, 842-845.	2.7	6
122	Cryogen-Free 23 T Superconducting Magnet Employing anÂYBa2Cu3O7 Coated Conductor Insert. Journal of Superconductivity and Novel Magnetism, 2011, 24, 993-997.	1.8	6
123	Axial and lateral lattice strain states under a tensile load in as-reacted and prebent CuNb/Nb3Sn wires using neutron diffraction. Journal of Applied Physics, 2012, 111, .	2.5	6
124	A new facility for investigation on neutron irradiation effect on superconducting properties of Nb3Sn strand for fusion magnet. Fusion Engineering and Design, 2013, 88, 1551-1554.	1.9	6
125	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
126	Evaluation of critical current performance of 13 Tâ€“46 kA steel-jacketed Nb3Al conductor. Fusion Engineering and Design, 2001, 58-59, 1-5.	1.9	5

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127	Transport characteristics of a CuNb/Nb3Sn superconducting coil fabricated using a react and wind method. Superconductor Science and Technology, 2003, 16, 1082-1085.	3.5	5
128	Cryocooled superconducting magnets for high magnetic fields at the HFLSM and future collaboration with the TML. Journal of Physics: Conference Series, 2006, 51, 631-634.	0.4	5
129	Comparison of avalanche-like quenches between NbTi and Nb3Sn cables. Fusion Engineering and Design, 2006, 81, 2497-2502.	1.9	5
130	Superconducting properties of MgB2 bulks processed in high magnetic fields. Physica C: Superconductivity and Its Applications, 2006, 445-448, 811-813.	1.2	5
131	Maximization of the critical current of practical Nb3Sn wires through complex mechanical treatments at room temperature. Superconductor Science and Technology, 2007, 20, 810-813.	3.5	5
132	Microstructures and critical current density of filamentary Euâ€“Baâ€“Cuâ€“O with Zr and Zn additions. Physica C: Superconductivity and Its Applications, 2007, 463-465, 554-558.	1.2	5
133	24 T High-Resolution and -Sensitivity Solid-State NMR Measurements of Low-Gamma Half-Integer Quadrupolar Nuclei 35Cl and 37Cl. Analytical Sciences, 2016, 32, 1339-1345.	1.6	5
134	Development of Ag-Barrier RHQT Nb₃Al Wires. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	5
135	An evaluation of the inlet flow reduction for a cable in conduit conductor by rapid heating. Cryogenics, 1999, 39, 939-945.	1.7	4
136	Eâ€“J properties of Bi2Sr2CaCu2O8 thick films. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1041-1044.	1.2	4
137	Acoustic emission and disturbances in central solenoid model coil for International Thermonuclear Experimental Reactor. Cryogenics, 2004, 44, 15-27.	1.7	4
138	High critical-current density and ultra high-voltage TEM study of filamentary 0.1at% Zr-doped (Nd0.33Eu0.38Gd0.28)Ba2Cu3Ox superconductors. Physica C: Superconductivity and Its Applications, 2005, 425, 166-170.	1.2	4
139	Eâ€“Jproperties and localJcdistribution of practical Ag-sheathed Bi2Sr2CaCu2O8tapes. Superconductor Science and Technology, 2005, 18, S223-S226.	3.5	4
140	Critical current density of filamentary NSG123 superconductors in high magnetic field. Physica C: Superconductivity and Its Applications, 2007, 463-465, 559-563.	1.2	4
141	Current-Carrying Capacity of YBa2Cu3O7-Coated Conductors for a 30 T Superconducting Magnet. Applied Physics Express, 2008, 1, 081701.	2.4	4
142	Effect of the hot pressing on the magnetic-field and temperature dependences of flux pinning for SiC-doped MgB2 tape. Physica C: Superconductivity and Its Applications, 2009, 469, 1515-1518.	1.2	4
143	Three-Dimensional Strain Model for Various Kinds of $\hbox{Nb}_{3}\hbox{Sn}$ Wires. IEEE Transactions on Applied Superconductivity, 2011, 21, 2513-2516.	1.7	4
144	Mechanical and transport characteristic exploration for coated conductors by hoop stress tests. Physica C: Superconductivity and Its Applications, 2011, 471, 1062-1066.	1.2	4

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145	Transport property measurement of practical coated conductor with copper stabilizer. , 2012, , .		4
146	Quench Detection/Protection of a Cryocooled NbTi Superconducting Magnet by using an Active Power Method. Physics Procedia, 2012, 27, 428-431.	1.2	4
147	Strain Dependence of Critical Current for Nb₃Al Superconducting Wire Fabricated by Restacked RHQT Process. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	4
148	Development of Liquid Nitrogen Cooled REâ€“Baâ€“Cuâ€“O (RE = Rare Earth) Superconducting Magnet for NMR Use. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
149	Transport Property of REBCO Superconducting Joints in Magnetic Fields at Various Temperatures. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	4
150	Influence of Sintering Conditions on Bending Tolerance at RT and I _c of In Situ MgB₂ wire. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	4
151	Demonstration of kA-Class Rutherford Cables Using MgB₂ Wires for an Energy Storage Device Suitable for a Liquid Hydrogen Indirect Cooling. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
152	Influence of Zn Addition in Cu Matrix on the Mechanical and Superconducting Properties of Nb₃Sn Conductor. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
153	Ic Enhancement Effect in Nb3Sn Coils Fabricated by the React-and-Wind Method. AIP Conference Proceedings, 2006, , .	0.4	3
154	Enhancement of the High-Field J c properties of MgB2/Fe Tapes byÂAcetone Doping. Journal of Superconductivity and Novel Magnetism, 2009, 22, 671-676.	1.8	3
155	Round Robin Test of Critical Current of Superconducting Cable. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	3
156	In-Field Evaluation of REBCO Superconducting Joint. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	3
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