

Toru Ogitsu

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257
papers

1,829
citations

20
h-index

27
g-index

263
ext. papers

2,010
ext. citations

1.6
avg, IF

3.78
L-index

#	Paper	IF	Citations
257	The 16 T Dipole Development Program for FCC. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-5	1.8	72
256	Design of a superconducting rotating gantry for heavy-ion therapy. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2012 , 15,		68
255	A new approach for measuring the muon anomalous magnetic moment and electric dipole moment. <i>Progress of Theoretical and Experimental Physics</i> , 2019 , 2019,	5.4	56
254	Periodicity of crossover currents in a Rutherford-type cable subjected to a time-dependent magnetic field. <i>Journal of Applied Physics</i> , 1994 , 75, 3176-3183	2.5	39
253	Status of the 16 T Dipole Development Program for a Future Hadron Collider. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	33
252	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 2273-2276	2	30
251	Magnetisation and field quality of a cosine-theta dipole magnet wound with coated conductors for rotating gantry for hadron cancer therapy. <i>Superconductor Science and Technology</i> , 2016 , 29, 024006	3.1	28
250	Design of superconducting combined function magnets for the 50 GeV proton beam line for the J-PARC neutrino experiment. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 616-619	1.8	27
249	COMET Phase-I technical design report. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	26
248	Temporal behaviour of multipole components of the magnetic field in a small dipole magnet wound with coated conductors. <i>Superconductor Science and Technology</i> , 2015 , 28, 035003	3.1	25
247	Delivering the world's most intense muon beam. <i>Physical Review Accelerators and Beams</i> , 2017 , 20,	1.8	24
246	Research and development of fundamental technologies for accelerator magnets using high Tc superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2012 , 482, 74-79	1.3	23
245	Design study of a superconducting insertion quadrupole magnet for the Large Hadron Collider. <i>IEEE Transactions on Applied Superconductivity</i> , 1997 , 7, 747-750	1.8	23
244	Superconducting magnet system at the 50 GeV proton beam line for the J-PARC neutrino experiment. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 604-607	1.8	23
243	Model Magnet Development of D1 Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-5	1.8	21
242	Development of high radiation-resistant glass fiber reinforced plastics with cyanate-based resin for superconducting magnet systems. <i>Fusion Engineering and Design</i> , 2016 , 112, 418-424	1.7	21
241	Development of a superconducting rotating-gantry for heavy-ion therapy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 317, 793-797	1.2	21

240	Magnetic field design of a Superconducting magnet for a FFAG accelerator. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 1185-1188	1.8	21
239	The MQXA quadrupoles for the LHC low-beta insertions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 550, 499-513 ^{1.2}		20
238	Progress of LHC low-/spl beta/ quadrupole magnets at KEK. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 1562-1565	1.8	20
237	Influence of current re-distribution on minimum quench energy of superconducting triplex cable against local disturbance. <i>Cryogenics</i> , 1998 , 38, 559-568	1.8	19
236	Progress of Fundamental Technology R&D Toward Accelerator Magnets Using Coated Conductors in S-Innovation Program. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-5	1.8	17
235	. <i>IEEE Transactions on Applied Superconductivity</i> , 2014 , 24, 1-5	1.8	17
234	Progress of Research and Development of Fundamental Technologies for Accelerator Magnets Using Coated Conductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 4601905-4601905	1.8	17
233	Magnetic Field Design of Dipole Magnet Wound With Coated Conductor Considering Its Current Transport Characteristics. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1833-1837	1.8	17
232	Status of the LHC inner triplet quadrupole program at Fermilab. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 1558-1561	1.8	17
231	Investigation of wire motion in superconducting magnets. <i>IEEE Transactions on Magnetics</i> , 1991 , 27, 2132-2135 ¹⁷		
230	The High Luminosity LHC interaction region magnets towards series production. <i>Superconductor Science and Technology</i> , 2021 , 34, 053001	3.1	17
229	Construction of Superconducting Magnet System for the J-PARC Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2010 , 20, 208-213	1.8	16
228	Magnetic Field Design of Coil-Dominated Magnets Wound With Coated Conductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 4901705-4901705	1.8	16
227	About the mechanics of SSC dipole magnet prototypes 1992 ,		16
226	Conceptual Design of a Large-Aperture Dipole Magnet for HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 4901404-4901404	1.8	15
225	Superconducting Solenoid Magnets for the MuSIC Project. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1752-1755	1.8	14
224	Development of Superconducting Combined Function Magnets for the Proton Transport Line for the J-PARC Neutrino Experiment		14
223	Production and measurement of the MQXA series of LHC low-/spl beta/ insertion quadrupoles. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 1084-1089	1.8	14

222	Magnetic design of a low-/spl beta/ quadrupole magnet for the LHC interaction regions. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 135-138	1.8	14
221	Status of Superconducting Solenoid System for COMET Phase-I Experiment at J-PARC. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-4	1.8	13
220	Magnetic design and method of a superconducting magnet for muon g μ /EDM precise measurements in a cylindrical volume with homogeneous magnetic field. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 890, 51-63	1.2	13
219	Current status of the J-PARC muon facility, MUSE. <i>Journal of Physics: Conference Series</i> , 2014 , 551, 012061	1.3	13
218	Development of Saddle-Shaped Coils Using Coated Conductors for Accelerator Magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 4100404-4100404	1.8	13
217	Development of a cryogenic load frame for the neutron diffractometer at Takumi in Japan Proton Accelerator Research Complex. <i>Review of Scientific Instruments</i> , 2013 , 84, 063106	1.7	13
216	The interaction region of KEKB. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 499, 75-99	1.2	13
215	Fabrication and Test Results of the First 2 m Model Magnet of Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-9	1.8	12
214	Measurement of the displacement cross-section of copper irradiated with 125 MeV protons at 12 K. <i>Journal of Nuclear Materials</i> , 2015 , 458, 369-375	3.3	12
213	Fabrication of YBCO Small Test Coils for Accelerator Magnet Development. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 4101904-4101904	1.8	12
212	Design of the Large Acceptance Muon Beamline at J-PARC. <i>AIP Conference Proceedings</i> , 2008 ,	0	12
211	Analysis of mechanical tolerances of a low-/spl beta/ quadrupole magnet for the LHC. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 131-134	1.8	12
210	Magnetic Field Measurement of 2-m-Long Model of Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-5	1.8	11
209	Development of a Radiation Resistant Superconducting Solenoid Magnet for mu-e Conversion Experiments. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 4101404-4101404	1.8	11
208	Development of a prototype of Superconducting combined function magnet for the 50 GeV proton beam line for the J-PARC neutrino experiment. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 1144-1147	1.8	11
207	Status of the LHC low-beta insertion quadrupole magnet development at KEK. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 183-187	1.8	11
206	Conceptual design study of high field magnets for very large hadron collider. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 310-313	1.8	11
205	Correction of high gradient quadrupole harmonics with magnetic shims. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 123-126	1.8	11

204	Field quality in Fermilab-built models of quadrupole magnets for the LHC interaction region. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 1566-1569	1.8	11
203	Design of Conduction-cooled HTS Coils for a Rotating Gantry. <i>Physics Procedia</i> , 2015 , 67, 879-884		10
202	Residual strain dependence on the matrix structure in RHQ-Nb3Al wires by neutron diffraction measurement. <i>Superconductor Science and Technology</i> , 2012 , 25, 065021	3.1	10
201	Superconducting combined function magnet system for J-PARC neutrino experiment. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 1175-1180	1.8	10
200	Magnetic field measurements of the prototype LHC-IR MQXA at 1.9 K. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 188-191	1.8	10
199	Test Results of a Nb3Al/Nb3Sn Subscale Magnet for Accelerator Application. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-5	1.8	9
198	Development of an HTS Accelerator Magnet With REBCO Coils for Tests at HIMAC Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	9
197	Tensile strain dependence of critical current of RHQ-Nb3Al wires. <i>Cryogenics</i> , 2012 , 52, 805-809	1.8	9
196	Multi-Pole Components of Magnetic Field in Dipole Magnets Wound With High T_{c} Superconductor Tape and Feasibility of Their Accelerator Applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2010 , 20, 364-367	1.8	9
195	Ultra Slow Muon Project at J-PARC, MUSE 2009 ,		9
194	The super omega muon beamline at J-PARC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 600, 132-134	1.2	9
193	Field quality in Fermilab-built models of high gradient quadrupole magnets for the LHC interaction regions. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 107-110	1.8	9
192	Field Quality Measurement of an HTS Magnet for a Rotating Gantry. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-5	1.8	8
191	New precise measurements of muonium hyperfine structure at J-PARC MUSE. <i>EPJ Web of Conferences</i> , 2019 , 198, 00003	0.3	8
190	Training Performance With Increased Coil Prestress of the 2 m Model Magnet of Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	8
189	Observation of A15 phase transformation in RHQ-Nb3Al wire by neutron diffraction at high-temperature. <i>Journal of Alloys and Compounds</i> , 2012 , 535, 124-128	5.7	8
188	Development of a high gradient rf system using a nanocrystalline soft magnetic alloy. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2013 , 16,		8
187	Superconducting Solenoid Magnets for the COMET Experiment. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1730-1733	1.8	8

186	Study of quench propagation with quench antennas. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 416, 9-17	1.2	8
185	Test Results of Superconducting Combined Function Magnets for the J-PARC Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 1083-1086	1.8	8
184	Production and performance of the LHC interaction region quadrupoles at KEK. <i>IEEE Transactions on Applied Superconductivity</i> , 2003 , 13, 1321-1324	1.8	8
183	Warm magnetic field measurements of prototype low-/spl beta/ quadrupole magnet MQXA for the LHC interaction regions. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 1663-1666	1.8	8
182	. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-7	1.8	7
181	Design and Test Results of Superconducting Magnet for Heavy-Ion Rotating Gantry. <i>Journal of Physics: Conference Series</i> , 2017 , 871, 012083	0.3	7
180	New muonium HFS measurements at J-PARC/MUSE. <i>Hyperfine Interactions</i> , 2016 , 237, 1	0.8	7
179	Design and Experimental Study of a Model Magnet for Spiral-Sector FFAG Accelerators. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	7
178	Design of a Cosine-theta Dipole Magnet Wound with Coated Conductors Considering their Deformation at Coil ends During Winding Process. <i>Physics Procedia</i> , 2015 , 67, 776-780		7
177	A Highly intense DC muon source, MuSIC and muon CLFV search. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 253-255, 206-207		7
176	Test Results of Superconducting Magnets for the J-PARC Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 1125-1130	1.8	7
175	. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1748-1751	1.8	7
174	Production and Installation of the LHC Low- β Triplets. <i>IEEE Transactions on Applied Superconductivity</i> , 2006 , 16, 437-440	1.8	7
173	Quench stability against beam-loss in superconducting magnets at the 50 GeV proton beam line for the J-PARC neutrino experiment. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 592-595	1.8	7
172	Test results from the LQXB quadrupole production program at Fermilab for the LHC interaction regions. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 187-190	1.8	7
171	Quench and mechanical behavior of an LHC low-/spl beta/ quadrupole model. <i>IEEE Transactions on Applied Superconductivity</i> , 1999 , 9, 697-700	1.8	7
170	Quench observation using quench antennas on RHIC IR quadrupole magnets. <i>IEEE Transactions on Magnetism</i> , 1996 , 32, 3098-3101	2	7
169	. <i>IEEE Transactions on Applied Superconductivity</i> , 1993 , 3, 658-661	1.8	7

168	Test Result of the HL-LHC Beam Separation Dipole Model Magnet With the New Iron Cross Section. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	7
167	Influence of magnetization on field quality in cosine-theta and block design dipole magnets wound with coated conductors. <i>Superconductor Science and Technology</i> , 2016 , 29, 045012	3.1	6
166	Positron separators in Superomega muon beamline at J-PARC. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 317, 365-368	1.2	6
165	Development status of superconducting solenoid for the MuHFS experiment at the J-PARC. <i>Journal of Physics: Conference Series</i> , 2013 , 408, 012074	0.3	6
164	Commissioning Results of Superconducting Magnet System for the Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2010 , 20, 242-245	1.8	6
163	. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 1081-1086	1.8	6
162	Conceptual Design of a Superconducting Solenoid System for the Super Omega Muon Beam Line at J-PARC. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1725-1729	1.8	6
161	Low-temperature neutron irradiation tests of superconducting magnet materials using reactor neutrons at KUR 2012 ,		6
160	Test results of LHC interaction regions quadrupoles produced by Fermilab. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 1090-1093	1.8	6
159	Alignment in a Warm Measurement of the J-PARC Combined Function Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2006 , 16, 1338-1341	1.8	6
158	Test Results of Superconducting Combined Function Prototype Magnets for the J-PARC Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2006 , 16, 158-163	1.8	6
157	Development of a Prototype Superconducting Magnet for the FFAG Accelerator. <i>IEEE Transactions on Applied Superconductivity</i> , 2006 , 16, 216-219	1.8	6
156	Fabrication and mechanical behavior of a prototype for the LHC low-beta quadrupole magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 174-178	1.8	6
155	Field measurement of a Fermilab-built full scale prototype quadrupole magnet for the LHC interaction regions. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 254-257	1.8	6
154	Review of SSC Dipole Magnet Mechanics and Quench Performance 1992 , 113-136		6
153	. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	5
152	Development Status of a 2-m Model Magnet of Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 1-1	1.8	5
151	Quench Protection Heater Study With the 2-m Model Magnet of Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	5

150	Field Measurement to Evaluate Iron Saturation and Coil End Effects in a Modified Model Magnet of Beam Separation Dipole for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	5
149	A Novel Magnet Design Using Coated Conductor for Spiral Sector FFAG Accelerators. <i>IEEE Transactions on Applied Superconductivity</i> , 2014 , 24, 1-5	1.8	5
148	Design of a Large Single-Aperture Dipole Magnet for HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 4001305-4001305	1.8	5
147	Superconducting curved transport solenoid with dipole coils for charge selection of the muon beam. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 317, 361-364	1.2	5
146	Development of a compact superconducting rotating-gantry for heavy-ion therapy. <i>Journal of Radiation Research</i> , 2014 , 55, i24-i25	2.4	5
145	Status of the Superomega Muon Beam Line at J-PARC. <i>Physics Procedia</i> , 2012 , 30, 34-37		5
144	R&D Efforts Towards High Field Accelerator Magnets at KEK. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 4003205-4003205	1.8	5
143	The Next Generation Muon Source at J-PARC/MLF 2010 ,		5
142	. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1742-1747	1.8	5
141	Performance Tests of Superconducting Combined Function Magnets in the First Full-Scale Prototype Cryostat for the J-PARC Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 1255-1258	1.8	5
140	Prototype superconducting magnet for the FFAG accelerator. <i>Fusion Engineering and Design</i> , 2006 , 81, 2541-2547	1.7	5
139	Analytical calculation of field error due to radial coil distortions of the LHC low-beta quadrupole magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 1693-1696	1.8	5
138	8-kA HTS current leads for 1.9 K test facility at KEK. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 1323-1327	1.8	5
137	Superconducting magnets for the interaction region of KEKB. <i>IEEE Transactions on Applied Superconductivity</i> , 1999 , 9, 1045-1048	1.8	5
136	. <i>IEEE Transactions on Applied Superconductivity</i> , 1993 , 3, 686-691	1.8	5
135	. <i>IEEE Transactions on Applied Superconductivity</i> , 1993 , 3, 674-677	1.8	5
134	Influence of azimuthal coil size variations on magnetic field harmonics of superconducting particle accelerator magnets. <i>Review of Scientific Instruments</i> , 1994 , 65, 1998-2005	1.7	5
133	Design, fabrication, and test of a 5-cm aperture, 1-m long superconducting dipole prototype for high energy Hadron collider. <i>IEEE Transactions on Magnetics</i> , 1991 , 27, 1743-1747	2	5

132	Quench propagation velocity for highly stabilized conductors. <i>Cryogenics</i> , 1993 , 33, 449-453	1.8	5
131	Fabrication and Test of a 5-cm Aperture, 1-m Long SSC Collider Dipole Magnet 1991 , 615-624		5
130	Thermal Stability of Conduction-Cooled HTS Magnets for Rotating Gantry. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-4	1.8	5
129	Quench Performance of Fermilab/General Dynamics Built Full Length SSC Collider Dipole Magnets 1992 , 365-372		5
128	Design Study of Superconducting Transmission Line Magnet for J-PARC MR Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-5	1.8	4
127	Fabrication of Three-Dimensional HTS Coils for Accelerator Magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-4	1.8	4
126	Design and Magnetic Field Analyses of Spiral Sector Magnet in an FFAG Accelerator for Carbon Cancer Therapy. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-6	1.8	4
125	Recent R&D on Superconducting Wires for High-Field Magnet. <i>Materials Science Forum</i> , 2014 , 783-786, 2081-2090	0.4	4
124	First measurements of muon production rate using a novel pion capture system at MuSIC. <i>Journal of Physics: Conference Series</i> , 2013 , 408, 012079	0.3	4
123	Ultra Slow Muon Microscopy for Nano-science. <i>Journal of Physics: Conference Series</i> , 2011 , 302, 012038	0.3	4
122	Magnetic field and structure analysis of a superconducting dipole magnet for a rotating gantry. <i>Physica C: Superconductivity and Its Applications</i> , 2011 , 471, 1445-1448	1.3	4
121	Dynamic field quality of LHC/Saclay arc quadrupole magnet prototype		4
120	Magnetic Field Measurement System in Superconducting Combined Function Magnets for the J-PARC Neutrino Beam Line. <i>IEEE Transactions on Applied Superconductivity</i> , 2008 , 18, 142-145	1.8	4
119	Study of time dependent magnetic field variation due to current redistribution in Rutherford cable. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 255-258	1.8	4
118	The magnet design study for the FFAG accelerator. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 397-401	1.8	4
117	Magnetic field characteristics of the low-beta quadrupole magnets, MQXA, for LHC. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 191-194	1.8	4
116	Development of LHC low-/spl beta/ quadrupole magnets at KEK		4
115	Quench protection study of a prototype for the LHC low-beta quadrupole magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2002 , 12, 170-173	1.8	4

114	Field quality of two 1-m model magnets for LHC low-/spl beta/ quadrupole magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 139-142	1.8	4
113	Recent results from the LHC inner triplet quadrupole development program at Fermilab. <i>IEEE Transactions on Applied Superconductivity</i> , 2000 , 10, 57-60	1.8	4
112	Quench performance and mechanical behavior of 1 m model magnet for the LHC low-beta quadrupoles at KEK. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 1637-1640	1.8	4
111	Field quality of quadrupole R&D models for the LHC IR		4
110	Non-uniform current distribution in superconducting cables exposed to external magnetic field and its influence on stability. <i>IEEE Transactions on Applied Superconductivity</i> , 1999 , 9, 579-582	1.8	4
109	Influence of interstrand current redistribution on acceleration of quench propagation in eight-strand Rutherford cables. <i>IEEE Transactions on Applied Superconductivity</i> , 1999 , 9, 266-269	1.8	4
108	Conceptual design of the Fermilab Nb/sub 3/Sn high field dipole model		4
107	Mechanical Analysis of Pion Capture Superconducting Solenoid System for COMET Experiment at J-PARC. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-5	1.8	3
106	Improvement in Training Performance by Enhancing Coil Mechanical Support in the Beam Separation Dipole Model Magnet for the HL-LHC Upgrade. <i>IEEE Transactions on Applied Superconductivity</i> , 2020 , 30, 1-6	1.8	3
105	Cryogenic system for COMET experiment at J-PARC. <i>Cryogenics</i> , 2016 , 77, 25-35	1.8	3
104	Study of Magnetic Field Measurement System for g-2/EDM Experiment at J-PARC. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-4	1.8	3
103	Test of Cryocooler-Cooled RE-123 Magnet on HIMAC Beam Line in S-Innovation Program. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	3
102	Superconducting properties of experimental YBCO coils for FFAG accelerator magnets. <i>Journal of Physics: Conference Series</i> , 2014 , 507, 032048	0.3	3
101	Magnetic Field Design of Combined-function Magnets Wound with Coated Conductors. <i>Physics Procedia</i> , 2013 , 45, 237-240		3
100	Superconducting Magnet Design for the Hyperfine Structure Measurement of Muonium at the J-PARC. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 4500704-4500704	1.8	3
99	New precise measurement of muonium hyperfine structure interval at J-PARC. <i>Hyperfine Interactions</i> , 2017 , 238, 1	0.8	3
98	Measurements of Magnetic Field Harmonics in Superconductor Coil Wound by Surface Winding Technology. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 9000404-9000404	1.8	3
97	CRYOGENIC SYSTEM FOR J-PARC NEUTRINO SUPERCONDUCTING MAGNET BEAM LINE DESIGN, CONSTRUCTION AND PERFORMANCE TEST 2010 ,		3

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