Stefania Farinon

List of Publications by Year
in descending order

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176 papers	9,437 citations	101384 36 h-index	38300 95 g-index
176 all docs	176 docs citations	176 times ranked	9492 citing authors

#	Article	IF	Citations
1	Calibration of advanced Virgo and reconstruction of the detector strain h(t) during the observing run O3. Classical and Quantum Gravity, 2022, 39, 045006.	1.5	20
2	A European Collaboration to Investigate Superconducting Magnets for Next Generation Heavy Ion Therapy. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.1	15
3	Mechanical Design of FalconD, a Nb$_3$Sn Cos$heta$ Short Model Dipole for the FCC. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	4
4	A Complete Magnetic Design and Improved Mechanical Project for the DUNE ND-GAr Solenoid Magnet. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.1	0
5	Can electrons neutralize the electrostatic charge on test mass mirrors in gravitational wave detectors?. Physical Review D, 2022, 105, .	1.6	0
6	Update on the Electromagnetic Design of the Nb$_3$Sn Cos-Theta Dipole Model for FCC-hh. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	4
7	Preliminary Study of 4 T Superconducting Dipole for a Light Rotating Gantry for Ion-Therapy. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.1	10
8	The Separation-Recombination Dipole MBRD for the High-Luminosity LHC: From Prototype to Series. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	4
9	Numerical Model, Parametric Analysis, and Optimization of FCC's 16 T Main Dipole Baseline Design. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.1	0
10	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	1.6	144
11	The High Luminosity LHC interaction region magnets towards series production. Superconductor Science and Technology, 2021, 34, 053001.	1.8	49
12	Biotâ€“Savart Approach to Analytical Computation of Magnetic Fields and Forces of CCT Magnets. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.1	4
13	Study of Superconducting Magnetization Effects and 3D Electromagnetic Analysis of the Nb$_3$Sn cos$heta$ Short Model for FCC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	9
14	Preliminary Design of the Nb₃Sn $cosheta$ Short Model for the FCC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	7
15	The Development of the Superconducting Dipoles D2 for the High Luminosity Upgrade of LHC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	6
16	A Solenoid With Partial Yoke for the Dune Near Detector. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.1	2
17	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	8.2	447
18	The HL-LHC Short Model Recombination D2 Dipole: Cold Test Results and Analysis. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.1	6

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19	Electromagnetic and Mechanical Study for the Nb$_3$Sn Cos-Theta Dipole Model for the FCC. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.1	6
20	Advanced Virgo Status. Journal of Physics: Conference Series, 2020, 1342, 012010.	0.3	9
21	A Proposal for a Superconducting Space Magnet for an Antimatter Spectrometer. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.1	5
22	The Superconducting Separation Dipoles MBRD for the High Luminosity Upgrade of LHC: From Short Model to Prototype. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	8
23	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
24	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
25	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
26	Baseline Design of a 16 T $cos heta$ Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	20
27	The CLIQ Quench Protection System Applied to the 16 T FCC-hh Dipole Magnets. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-9.	1.1	7
28	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. Astrophysical Journal Letters, 2019, 871, L13.	3.0	145
29	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
30	The 16 T Dipole Development Program for FCC and HE-LHC. IEEE Transactions on Applied Superconductivity, 2019, , 1-1.	1.1	24
31	Preliminary Design of the Recombination Dipole for Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.1	2
32	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, 231108.	2.9	254
33	Mechanical stress analysis during a quench in CLIQ protected 16ÂT dipole magnets designed for the future circular collider. Physica C: Superconductivity and Its Applications, 2018, 550, 27-34.	0.6	6
34	Update on Mechanical Design of a Cosî¸ 16-T Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	13
35	Development of a Short Model of the Superconducting Separation Dipoles D2 for the High Luminosity Upgrade of LHC. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	13
36	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	8.2	808

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37	Status of the 16 T Dipole Development Program for a Future Hadron Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	36
38	Magnetic coupling to the advanced Virgo payloads and its impact on the low frequency sensitivity. Review of Scientific Instruments, 2018, 89, 114501.	0.6	13
39	Calibration of advanced Virgo and reconstruction of the gravitational wave signal h (t) Tj ETQq1 1 0.784314 rgBT /Over	1.5	41
40	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.1	9
41	Influence of 3-D Effects on Field Quality in the Straight Part of Accelerator Magnets for the High-Luminosity Large Hadron Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	4
42	Study of a Superconducting Magnetic Diverter for the ATHENA X-Ray Space Telescope. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	3
43	Conceptual Design of a 16 T cos Î¸ Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	23
44	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
45	The 16 T Dipole Development Program for FCC. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	77
46	The EuroCirCol 16T Cosineâ€“Theta Dipole Option for the FCC. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	35
47	Quench Protection Study of the Eurocircol 16 T cosÎ¸ Dipole for the Future Circular Collider (FCC). IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	9
48	The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209.	0.9	69
49	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89.	1.6	52
50	Numerical modeling of critical-state magnetization in type-II superconducting cylinders under parallel and transverse magnetic field. Cryogenics, 2017, 81, 107-114.	0.9	3
51	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	0.5	6
52	CeSOX: An experimental test of the sterile neutrino hypothesis with Borexino. Journal of Physics: Conference Series, 2017, 934, 012003.	0.3	1
53	Improvements in the simulation code of the SOX experiment. Journal of Physics: Conference Series, 2017, 888, 012145.	0.3	0
54	Quench protection analysis integrated in the design of dipoles for the Future Circular Collider. Physical Review Accelerators and Beams, 2017, 20, .	0.6	25

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55	Short distance neutrino oscillations with Borexino. EPJ Web of Conferences, 2016, 121, 01002.	0.1	0
56	SOX: search for short baseline neutrino oscillations with Borexino. Journal of Physics: Conference Series, 2016, 718, 062066.	0.3	3
57	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	1.5	225
58	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	8.2	427
59	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.1	2
60	A high precision calorimeter for the SOX experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 699-700.	0.7	1
61	SOX: Short Distance Neutrino Oscillations with Borexino. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1760-1764.	0.2	2
62	The high precision measurement of the¹⁴⁴Ce activity in the SOX experiment. Journal of Physics: Conference Series, 2016, 675, 012035.	0.3	0
63	Composite superconducting wires for fast ramped magnets. Composites Part B: Engineering, 2016, 90, 133-140.	5.9	3
64	Understanding the detector behavior through Montecarlo and calibration studies in view of the SOX measurement. Journal of Physics: Conference Series, 2016, 675, 012012.	0.3	0
65	The144Ce source for SOX. Journal of Physics: Conference Series, 2016, 675, 012032.	0.3	2
66	Mu2e Transport Solenoid Prototype Tests Results. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	6
67	The Design of Superconducting Separation Dipoles D2 for the High Luminosity Upgrade of LHC. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	19
68	Mu2e Transport Solenoid Prototype Design and Manufacturing. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	4
69	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
70	Modeling Experimental Magnetization Cycles of Thin Superconducting Strips by Finite-Element Simulations. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-7.	1.1	9
71	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	1.6	37
72	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	1.6	47

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73	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.3	27
74	Experimental Study of the Mechanical Characteristics of SIS300 Cos–Theta Dipolar Coils. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	0
75	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	1.6	66
76	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	1.5	2,530
77	Reconstruction of the gravitational wave signal h (t) during the Virgo science runs and independent validation with a photon calibrator. Classical and Quantum Gravity, 2014, 31, 165013.	1.5	10
78	First all-sky search for continuous gravitational waves from unknown sources in binary systems. Physical Review D, 2014, 90, .	1.6	60
79	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. Physical Review Letters, 2014, 112, 131101.	2.9	68
80	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009â€“2010 LIGO and Virgo Data. Physical Review Letters, 2014, 113, 231101.	2.9	86
81	AC Losses Measurement of the DISCORAP Model Dipole Magnet for the SIS300 Synchrotron at FAIR. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.1	11
82	An Experimental Study of Fine Filaments NbTi Strand for Fast Cycled Magnets. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	1
83	2D and 3D numerical modeling of experimental magnetization cycles in disks and spheres. Superconductor Science and Technology, 2014, 27, 104005.	1.8	16
84	A Magnesium Diboride Superconducting Toroid for Astroparticle Shielding. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	16
85	Progress and challenges in advanced ground-based gravitational-wave detectors. General Relativity and Gravitation, 2014, 46, 1.	0.7	2
86	Measurements and Analysis of the SIS-300 Dipole Prototype During the Functional Test at LASA. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.1	4
87	Implementation of an $mathcal{F}$-statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. Classical and Quantum Gravity, 2014, 31, 165014.	1.5	34
88	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. Astrophysical Journal, 2014, 785, 119.	1.6	125
89	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. Classical and Quantum Gravity, 2014, 31, 085014.	1.5	21
90	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. Classical and Quantum Gravity, 2014, 31, 115004.	1.5	42

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91	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005â€“2010. Physical Review D, 2014, 89, .	1.6	28
92	Search for Gravitational Waves Associated with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-ray Bursts Detected by the Interplanetary Network. Physical Review Letters, 2014, 113, 011102.	2.9	32
93	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. Physical Review D, 2014, 89, .	1.6	35
94	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. Physical Review D, 2014, 89, .	1.6	29
95	Next Generation of Fast-Cycled Dipoles for SIS300 Synchrotron. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	2
96	Space Radiation Superconducting Shields. Journal of Physics: Conference Series, 2014, 507, 032033.	0.3	10
97	Experimental investigation of the transverse resistivity in Nb₃Sn wires through ac susceptibility. Superconductor Science and Technology, 2013, 26, 085001.	1.8	8
98	Superconducting Magnets for Astroparticle Shielding in Interplanetary Manned Missions. IEEE Transactions on Applied Superconductivity, 2013, 23, 4101604-4101604.	1.1	18
99	Compact Superconducting High Gradient Quadrupole Magnets for the Interaction Regions of High Luminosity Colliders. IEEE Transactions on Applied Superconductivity, 2013, 23, 4001004-4001004.	1.1	12
100	The Functional Test of the SIS300 Model Dipole at INFN-LASA. IEEE Transactions on Applied Superconductivity, 2013, 23, 4000304-4000304.	1.1	6
101	The Curved Fast Ramped Superconducting Dipoles for FAIR SIS300 Synchrotron: From First Model to Future Developments. IEEE Transactions on Applied Superconductivity, 2013, 23, 4000505-4000505.	1.1	8
102	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, .	1.6	31
103	Superconductor/ferromagnet heterostructures exhibit potential for significant reduction of hysteretic losses. Applied Physics Letters, 2013, 102, .	1.5	14
104	Applicability of the Adaptive Resistivity Method to Describe the Critical State of Complex Superconducting Systems. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2343-2350.	0.8	8
105	Refined modeling of superconducting double helical coils using finite element analyses. Superconductor Science and Technology, 2012, 25, 065006.	1.8	9
106	Design, Construction and Test of a Model Superconducting Quadrupole for the Interaction Region of Super B Factory. IEEE Transactions on Applied Superconductivity, 2012, 22, 4000104-4000104.	1.1	1
107	Low Loss Nb-Ti Superconducting Rutherford Cable Manufacture for the SIS300 INFN Model Dipole. IEEE Transactions on Applied Superconductivity, 2011, 21, 3334-3337.	1.1	11
108	A Model Dipole for FAIR SIS300: 3D Design of the Mechanical Structure. IEEE Transactions on Applied Superconductivity, 2011, 21, 1804-1807.	1.1	5

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109	The Preparation of the LASA Test Station for the SIS300 Model Dipole. IEEE Transactions on Applied Superconductivity, 2011, 21, 1808-1812.	1.1	4
110	The Construction of the Model of the Curved Fast Ramped Superconducting Dipole for FAIR SIS300 Synchrotron. IEEE Transactions on Applied Superconductivity, 2011, 21, 1863-1867.	1.1	10
111	Compliance of numerical formulations for describing superconductor/ferromagnet heterostructures. Physica C: Superconductivity and its Applications, 2011, 471, 1083-1085.	0.6	6
112	Critical state and magnetization loss in multifilamentary superconducting wire solved through the commercial finite element code ANSYS. Superconductor Science and Technology, 2010, 23, 115004.	1.8	27
113	THERMAL ANALYSIS OF THE FAIR SIS300 MODEL DIPOLE. , 2010, , .		1
114	Electromagnetic Design of the Coil-Ends for the FAIR SIS300 Model Dipole. IEEE Transactions on Applied Superconductivity, 2009, 19, 1131-1135.	1.1	9
115	A Model Dipole for FAIR SIS300: Design of the Mechanical Structure. IEEE Transactions on Applied Superconductivity, 2009, 19, 1141-1145.	1.1	9
116	The transverse resistivity in S/C multifilament wires studied through ac susceptibility measurements. Journal of Applied Physics, 2009, 106, .	1.1	18
117	Nb$_{3}$Sn Wire Layout Optimization to Reduce Cabling Degradation. IEEE Transactions on Applied Superconductivity, 2008, 18, 984-988.	1.1	11
118	Field Quality and Losses for the 4.5 T Superconducting Pulsed Dipole of SIS300. IEEE Transactions on Applied Superconductivity, 2008, 18, 138-141.	1.1	23
119	Low-Loss NbTi Rutherford Cable for Application to the SIS-300 Dipole Magnet Prototype. IEEE Transactions on Applied Superconductivity, 2008, 18, 997-1000.	1.1	25
120	Development of a Curved Fast Ramped Dipole for FAIR SIS300. IEEE Transactions on Applied Superconductivity, 2008, 18, 232-235.	1.1	26
121	Commissioning of the CMS Magnet. IEEE Transactions on Applied Superconductivity, 2007, 17, 1185-1190.	1.1	16
122	The Physical Connection and Magnetic Coupling of the MICE Cooling Channel Magnets and the Magnet Forces for Various MICE Operating Modes. IEEE Transactions on Applied Superconductivity, 2007, 17, 1225-1228.	1.1	6
123	Finite Element Model to Study the Deformations of ${m Nb}_{3}{m Sn}$ Wires for the Next European Dipole (NED). IEEE Transactions on Applied Superconductivity, 2007, 17, 1136-1139.	1.1	23
124	Magnet design and optimization: The INFN-Genova experience using ANSYS. Cryogenics, 2007, 47, 577-582.	0.9	10
125	Overview and status of the Next European Dipole Joint Research Activity. Superconductor Science and Technology, 2006, 19, S67-S83.	1.8	49
126	The Manufacture of Modules for CMS Coil. IEEE Transactions on Applied Superconductivity, 2006, 16, 512-516.	1.1	3

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127	A combined sextupole-Malmberg-Penning trap for cold non neutral plasmas and anti-hydrogen. AIP Conference Proceedings, 2006, , .	0.3	0
128	Rapid cycling superconducting magnets. Nuclear Physics, Section B, Proceedings Supplements, 2006, 154, 157-162.	0.5	7
129	Predicting AC loss in practical superconductors. Superconductor Science and Technology, 2006, 19, S60-S66.	1.8	25
130	The behaviour of cryogen-free MgB2react and wind coils. Superconductor Science and Technology, 2006, 19, S126-S131.	1.8	35
131	The Mechanical and Thermal Design for the MICE Detector Solenoid Magnet System. IEEE Transactions on Applied Superconductivity, 2005, 15, 1255-1258.	1.1	11
132	Modeling of Current Density Distributions in Critical State by Commercial FE Codes. IEEE Transactions on Applied Superconductivity, 2005, 15, 2867-2870.	1.1	24
133	Behavior of MgB2 React & Wind Coils Above 10 K. IEEE Transactions on Applied Superconductivity, 2005, 15, 1452-1456.	1.1	34
134	Electrical Characterization of S/C Conductor for the CMS Solenoid. IEEE Transactions on Applied Superconductivity, 2005, 15, 1275-1278.	1.1	4
135	Status of the Next European Dipole (NED) Activity of the Collaborated Accelerator Research in Europe (CARE) Project. IEEE Transactions on Applied Superconductivity, 2005, 15, 1106-1112.	1.1	24
136	The Winding Method and Model of a Superconducting Bending Dipole for Hadrontherapy. IEEE Transactions on Applied Superconductivity, 2004, 14, 585-588.	1.1	4
137	The influence of filament arrangement on current distribution and AC loss in Bi-2223/Ag tapes. Superconductor Science and Technology, 2004, 17, S150-S154.	1.8	9
138	A superconducting cyclotron as driver for radioactive beam facilities. Nuclear Physics A, 2004, 734, 378-381.	0.6	2
139	Critical current and n-value modifications from superconducting strands to Rutherford cables. Physica C: Superconductivity and Its Applications, 2004, 401, 124-128.	0.6	9
140	Determination of the Vâ€“I characteristic of NbTi wires in a wide resistivity range. Physica C: Superconductivity and Its Applications, 2004, 401, 260-264.	0.6	4
141	The Construction of the Modules Composing the CMS Superconducting Coil. IEEE Transactions on Applied Superconductivity, 2004, 14, 552-555.	1.1	11
142	Status of the Construction of the CMS Magnet. IEEE Transactions on Applied Superconductivity, 2004, 14, 542-547.	1.1	26
143	Generation of higher harmonics in voltage on superconducting wire carrying cosine-like AC current. IEEE Transactions on Applied Superconductivity, 2003, 13, 3622-3625.	1.1	3
144	A voluminized fiber-glass insulation for large superconducting magnets. IEEE Transactions on Applied Superconductivity, 2002, 12, 1242-1243.	1.1	0

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145	Measurement of branching fractions for exclusiveBdecays to charmonium final states. Physical Review D, 2002, 65, .	1.6	56
146	Measurement ofBâ†'K*Î³Branching Fractions and Charge Asymmetries. Physical Review Letters, 2002, 88, 101805.	2.9	38
147	Design, construction, and quality tests of the large Al-alloy mandrels for the CMS coil. IEEE Transactions on Applied Superconductivity, 2002, 12, 428-431.	1.1	7
148	A superconducting magnet for a beam delivery system for carbon ion cancer therapy. IEEE Transactions on Applied Superconductivity, 2002, 12, 988-992.	1.1	6
149	The winding line for the CMS reinforced conductor. IEEE Transactions on Applied Superconductivity, 2002, 12, 358-361.	1.1	9
150	CMS coil design and assembly. IEEE Transactions on Applied Superconductivity, 2002, 12, 395-398.	1.1	5
151	Electrical joints in the CMS superconducting magnet. IEEE Transactions on Applied Superconductivity, 2002, 12, 462-464.	1.1	4
152	Magnetic hysteresis loss in Bi-2223/Ag tapes with different filament arrangement. Physica C: Superconductivity and Its Applications, 2002, 371, 229-236.	0.6	12
153	Measurements of the Branching Fractions of Exclusive CharmlessBMeson Decays withÎ·â€²orÏ‰Mesons. Physical Review Letters, 2001, 87, 221802.	2.9	43
154	Shielding and losses in multifilamentary tapes exposed to perpendicular AC magnetic fields. IEEE Transactions on Applied Superconductivity, 2001, 11, 2776-2779.	1.1	8
155	Measurement ofJ/Ïˆ Production in Continuume+eâ^'Annihilations nearâ^šs=10.6GeV. Physical Review Letters, 2001, 87, 162002.	2.9	57
156	Pre-industrialization activities related to CMS coil winding. IEEE Transactions on Applied Superconductivity, 2001, 11, 1717-1720.	1.1	4
157	Measurement of theBâ†'J/Ïˆ K*(892) Decay Amplitudes. Physical Review Letters, 2001, 87, 241801.	2.9	52
158	Measurement of theB0andB+Meson Lifetimes with Fully Reconstructed Hadronic Final States. Physical Review Letters, 2001, 87, 201803.	2.9	21
159	Measurement of Branching Fractions and Search forCP-Violating Charge Asymmetries in Charmless Two-BodyBDecays into Pions and Kaons. Physical Review Letters, 2001, 87, 151802.	2.9	51
160	Observation ofCPViolation in theB0Meson System. Physical Review Letters, 2001, 87, 091801.	2.9	426
161	Measurement of the DecaysBâ†'Ï†KandBâ†'Ï†K*. Physical Review Letters, 2001, 87, 151801.	2.9	32
162	Search for the DecayB0â†'Î³Î³. Physical Review Letters, 2001, 87, 241803.	2.9	9

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164	Ac losses in multifilamentary high-TCtapes due to a perpendicular ac magnetic field. Superconductor Science and Technology, 2000, 13, 1327-1337.	1.8	35
165	Magnetic flux shielding in superconducting strip arrays. Physical Review B, 2000, 61, 6413-6421.	1.1	41
166	3D magnetic analysis of the CMS magnet. IEEE Transactions on Applied Superconductivity, 2000, 10, 428-431.	1.1	19
167	Final design of the CMS solenoid cold mass. IEEE Transactions on Applied Superconductivity, 2000, 10, 407-410.	1.1	18
168	Finite element stress analysis of the CMS magnet coil. IEEE Transactions on Applied Superconductivity, 2000, 10, 419-423.	1.1	9
169	Experimental study of CMS conductor stability. IEEE Transactions on Applied Superconductivity, 2000, 10, 424-427.	1.1	9
170	Design and testing of the 1.5 T superconducting solenoid for the BaBar detector at PEP-II in SLAC. IEEE Transactions on Applied Superconductivity, 1999, 9, 847-851.	1.1	4
171	The BaBar superconducting coil: design, construction and test. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 559-564.	0.5	2
172	The superconducting magnet for the BABAR detector of the PEP-II B Factory at SLAC. IEEE Transactions on Magnetics, 1996, 32, 2210-2213.	1.2	15
173	Effects of fluxon dynamics on higher harmonics of ac susceptibility in type-II superconductors. Physical Review B, 1994, 50, 3189-3199.	1.1	50
174	Fluxon dynamics and higher harmonics of a.c. susceptibility in HTSC. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1994, 16, 1917-1924.	0.4	1
175	A.c. magnetic measurements on superconductors using two-channel dynamic analyser. Cryogenics, 1993, 33, 1170-1173.	0.9	5
176	Superconducting solenoids for the mice channel. , 0, , .		0