

Stefania Farinon

List of Publications by Year in descending order

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times ranked

9492
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#	ARTICLE	IF	CITATIONS
1	Advanced Virgo: a second-generation interferometric gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2015, 32, 024001.	1.5	2,530
2	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	8.2	808
3	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
4	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	8.2	427
5	Observation of CP Violation in the B Meson System. <i>Physical Review Letters</i> , 2001, 87, 091801.	2.9	426
6	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019, 228, 261-623.	1.2	424
7	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019, 228, 755-1107.	1.2	367
8	FCC Physics Opportunities. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	346
9	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. <i>Physical Review Letters</i> , 2019, 123, 231108.	2.9	254
10	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	1.5	225
11	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , 2019, 871, L13.	3.0	145
12	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	1.6	144
13	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	1.6	125
14	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019, 228, 1109-1382.	1.2	108
15	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009–2010 LIGO and Virgo Data. <i>Physical Review Letters</i> , 2014, 113, 231101.	2.9	86
16	The 16 T Dipole Development Program for FCC. <i>IEEE Transactions on Applied Superconductivity</i> , 2017, 27, 1-5.	1.1	77
17	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
18	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	2.9	68

#	ARTICLE	IF	CITATIONS
19	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39.	1.6	66
20	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014, 90, .	1.6	60
21	Measurement of f_1/\bar{f}_1 Production in Continuum e^+e^- Annihilations near $\sqrt{s}=10.6\text{GeV}$. <i>Physical Review Letters</i> , 2001, 87, 162002.	2.9	57
22	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002, 65, .	1.6	56
23	Measurement of the $B^0 \rightarrow \bar{K}^*(892)$ Decay Amplitudes. <i>Physical Review Letters</i> , 2001, 87, 241801.	2.9	52
24	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	1.6	52
25	Measurement of Branching Fractions and Search for CP-Violating Charge Asymmetries in Charmless Two-Body B Decays into Pions and Kaons. <i>Physical Review Letters</i> , 2001, 87, 151802.	2.9	51
26	Effects of fluxon dynamics on higher harmonics of ac susceptibility in type-II superconductors. <i>Physical Review B</i> , 1994, 50, 3189-3199.	1.1	50
27	Overview and status of the Next European Dipole Joint Research Activity. <i>Superconductor Science and Technology</i> , 2006, 19, S67-S83.	1.8	49
28	The High Luminosity LHC interaction region magnets towards series production. <i>Superconductor Science and Technology</i> , 2021, 34, 053001.	1.8	49
29	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015, 91, .	1.6	47
30	Measurements of the Branching Fractions of Exclusive Charmless B Meson Decays with π^0 Mesons. <i>Physical Review Letters</i> , 2001, 87, 221802.	2.9	43
31	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014, 31, 115004.	1.5	42
32	Magnetic flux shielding in superconducting strip arrays. <i>Physical Review B</i> , 2000, 61, 6413-6421.	1.1	41
33	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ (t) Tj ETQq1 1 0.784314 rgBT /Overlo 1.5 41	1.5	41
34	Measurement of $B^0 \rightarrow \bar{K}^*$ Branching Fractions and Charge Asymmetries. <i>Physical Review Letters</i> , 2002, 88, 101805.	2.9	38
35	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015, 91, .	1.6	37
36	Status of the 16 T Dipole Development Program for a Future Hadron Collider. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.1	36

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37	Ac losses in multifilamentary high-Tc tapes due to a perpendicular ac magnetic field. Superconductor Science and Technology, 2000, 13, 1327-1337.	1.8	35
38	The behaviour of cryogen-free MgB ₂ react and wind coils. Superconductor Science and Technology, 2006, 19, S126-S131.	1.8	35
39	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
40	The EuroCirCol 16T Cosine-Theta Dipole Option for the FCC. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	35
41	Behavior of MgB ₂ React & Wind Coils Above 10 K. IEEE Transactions on Applied Superconductivity, 2005, 15, 1452-1456.	1.1	34
42	Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. Classical and Quantum Gravity, 2014, 31, 165014.	1.5	34
43	Measurement of the Decays $\tau \rightarrow K \pi^0$ and $\tau \rightarrow K^* \pi^0$. Physical Review Letters, 2001, 87, 151801.	2.9	32
44	Search for Gravitational Waves Associated with γ -ray Bursts Detected by the Interplanetary Network. Physical Review Letters, 2014, 113, 011102.	2.9	32
45	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, .	1.6	31
46	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
47	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005-2010. Physical Review D, 2014, 89, .	1.6	28
48	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
49	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.3	27
50	Status of the Construction of the CMS Magnet. IEEE Transactions on Applied Superconductivity, 2004, 14, 542-547.	1.1	26
51	Development of a Curved Fast Ramped Dipole for FAIR SIS300. IEEE Transactions on Applied Superconductivity, 2008, 18, 232-235.	1.1	26
52	Predicting AC loss in practical superconductors. Superconductor Science and Technology, 2006, 19, S60-S66.	1.8	25
53	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
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	Modeling of Current Density Distributions in Critical State by Commercial FE Codes. IEEE Transactions on Applied Superconductivity, 2005, 15, 2867-2870.	1.1	24
56	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
57	The 16 T Dipole Development Program for FCC and HE-LHC. IEEE Transactions on Applied Superconductivity, 2019, , 1-1.	1.1	24
58	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
59	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
60	Conceptual Design of a 16 T $\cos \hat{\mu}$ Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	23
61	Measurement of the B^0 and B^+ Meson Lifetimes with Fully Reconstructed Hadronic Final States. Physical Review Letters, 2001, 87, 201803.	2.9	21
62	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
63	Baseline Design of a 16 T $\cos \eta$ Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	20
64	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
65	3D magnetic analysis of the CMS magnet. IEEE Transactions on Applied Superconductivity, 2000, 10, 428-431.	1.1	19
66	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
67	Final design of the CMS solenoid cold mass. IEEE Transactions on Applied Superconductivity, 2000, 10, 407-410.	1.1	18
68	The transverse resistivity in S/C multifilament wires studied through ac susceptibility measurements. Journal of Applied Physics, 2009, 106, .	1.1	18
69	Superconducting Magnets for Astroparticle Shielding in Interplanetary Manned Missions. IEEE Transactions on Applied Superconductivity, 2013, 23, 4101604-4101604.	1.1	18
70	Commissioning of the CMS Magnet. IEEE Transactions on Applied Superconductivity, 2007, 17, 1185-1190.	1.1	16
71	2D and 3D numerical modeling of experimental magnetization cycles in disks and spheres. Superconductor Science and Technology, 2014, 27, 104005.	1.8	16
72	A Magnesium Diboride Superconducting Toroid for Astroparticle Shielding. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	16

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73	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
74	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
75	Superconductor/ferromagnet heterostructures exhibit potential for significant reduction of hysteretic losses. Applied Physics Letters, 2013, 102, .	1.5	14
76	Update on Mechanical Design of a Cos $\hat{\theta}$, 16-T Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	13
77	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
78	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
79	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
80	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
81	The Construction of the Modules Composing the CMS Superconducting Coil. IEEE Transactions on Applied Superconductivity, 2004, 14, 552-555.	1.1	11
82	The Mechanical and Thermal Design for the MICE Detector Solenoid Magnet System. IEEE Transactions on Applied Superconductivity, 2005, 15, 1255-1258.	1.1	11
83	Nb ₃ Sn Wire Layout Optimization to Reduce Cabling Degradation. IEEE Transactions on Applied Superconductivity, 2008, 18, 984-988.	1.1	11
84	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
85	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
86	Magnet design and optimization: The INFN-Genova experience using ANSYS. Cryogenics, 2007, 47, 577-582.	0.9	10
87	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
88	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
89	Space Radiation Superconducting Shields. Journal of Physics: Conference Series, 2014, 507, 032033.	0.3	10
90	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

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91	Finite element stress analysis of the CMS magnet coil. IEEE Transactions on Applied Superconductivity, 2000, 10, 419-423.	1.1	9
92	Experimental study of CMS conductor stability. IEEE Transactions on Applied Superconductivity, 2000, 10, 424-427.	1.1	9
93	Search for the Decay $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2001, 87, 241803.	2.9	9
94	The winding line for the CMS reinforced conductor. IEEE Transactions on Applied Superconductivity, 2002, 12, 358-361.	1.1	9
95	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
96	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
97	Electromagnetic Design of the Coil-Ends for the FAIR SIS300 Model Dipole. IEEE Transactions on Applied Superconductivity, 2009, 19, 1131-1135.	1.1	9
98	A Model Dipole for FAIR SIS300: Design of the Mechanical Structure. IEEE Transactions on Applied Superconductivity, 2009, 19, 1141-1145.	1.1	9
99	Refined modeling of superconducting double helical coils using finite element analyses. Superconductor Science and Technology, 2012, 25, 065006.	1.8	9
100	Modeling Experimental Magnetization Cycles of Thin Superconducting Strips by Finite-Element Simulations. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-7.	1.1	9
101	Quench Protection Study of the Eurocircol 16 T $\cos\theta$ Dipole for the Future Circular Collider (FCC). IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	9
102	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.1	9
103	Advanced Virgo Status. Journal of Physics: Conference Series, 2020, 1342, 012010.	0.3	9
104	Study of Superconducting Magnetization Effects and 3D Electromagnetic Analysis of the Nb ₃ Sn $\cos\theta$ Short Model for FCC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	9
105	Shielding and losses in multifilamentary tapes exposed to perpendicular AC magnetic fields. IEEE Transactions on Applied Superconductivity, 2001, 11, 2776-2779.	1.1	8
106	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
107	Experimental investigation of the transverse resistivity in Nb ₃ Sn wires through ac susceptibility. Superconductor Science and Technology, 2013, 26, 085001.	1.8	8
108	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

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109	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
110	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
111	Rapid cycling superconducting magnets. Nuclear Physics, Section B, Proceedings Supplements, 2006, 154, 157-162.	0.5	7
112	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
113	Preliminary Design of the Nb ₃ Sn Cos-Theta Short Model for the FCC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	7
114	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
115	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
116	Compliance of numerical formulations for describing superconductor/ferromagnet heterostructures. Physica C: Superconductivity and Its Applications, 2011, 471, 1083-1085.	0.6	6
117	The Functional Test of the SIS300 Model Dipole at INFN-LASA. IEEE Transactions on Applied Superconductivity, 2013, 23, 4000304-4000304.	1.1	6
118	Mu2e Transport Solenoid Prototype Tests Results. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	6
119	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	0.5	6
120	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
121	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
122	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
123	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
124	A.c. magnetic measurements on superconductors using two-channel dynamic analyser. Cryogenics, 1993, 33, 1170-1173.	0.9	5
125	CMS coil design and assembly. IEEE Transactions on Applied Superconductivity, 2002, 12, 395-398.	1.1	5
126	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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127	A Proposal for a Superconducting Space Magnet for an Antimatter Spectrometer. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.1	5
128	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
129	Pre-industrialization activities related to CMS coil winding. IEEE Transactions on Applied Superconductivity, 2001, 11, 1717-1720.	1.1	4
130	Electrical joints in the CMS superconducting magnet. IEEE Transactions on Applied Superconductivity, 2002, 12, 462-464.	1.1	4
131	The Winding Method and Model of a Superconducting Bending Dipole for Hadrontherapy. IEEE Transactions on Applied Superconductivity, 2004, 14, 585-588.	1.1	4
132	Determination of the $V \propto I$ characteristic of NbTi wires in a wide resistivity range. Physica C: Superconductivity and Its Applications, 2004, 401, 260-264.	0.6	4
133	Electrical Characterization of S/C Conductor for the CMS Solenoid. IEEE Transactions on Applied Superconductivity, 2005, 15, 1275-1278.	1.1	4
134	The Preparation of the LASA Test Station for the SIS300 Model Dipole. IEEE Transactions on Applied Superconductivity, 2011, 21, 1808-1812.	1.1	4
135	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
136	Mu2e Transport Solenoid Prototype Design and Manufacturing. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	4
137	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
138	Biot-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
139	Mechanical Design of FalconD, a Nb ₃ Sn Cos θ Short Model Dipole for the FCC. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	4
140	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
141	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
142	Evolution of the ohmic voltage drop in connections of superconductors under time-varying current. Cryogenics, 2000, 40, 45-52.	0.9	3
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	The Manufacture of Modules for CMS Coil. IEEE Transactions on Applied Superconductivity, 2006, 16, 512-516.	1.1	3

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145	SOX: search for short baseline neutrino oscillations with Borexino. Journal of Physics: Conference Series, 2016, 718, 062066.	0.3	3
146	Composite superconducting wires for fast ramped magnets. Composites Part B: Engineering, 2016, 90, 133-140.	5.9	3
147	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
148	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
149	The BaBar superconducting coil: design, construction and test. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 559-564.	0.5	2
150	A superconducting cyclotron as driver for radioactive beam facilities. Nuclear Physics A, 2004, 734, 378-381.	0.6	2
151	Progress and challenges in advanced ground-based gravitational-wave detectors. General Relativity and Gravitation, 2014, 46, 1.	0.7	2
152	Next Generation of Fast-Cycled Dipoles for SIS300 Synchrotron. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	2
153	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.1	2
154	SOX: Short Distance Neutrino Oscillations with Borexino. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1760-1764.	0.2	2
155	The ^{144}Ce source for SOX. Journal of Physics: Conference Series, 2016, 675, 012032.	0.3	2
156	Preliminary Design of the Recombination Dipole for Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.1	2
157	A Solenoid With Partial Yoke for the DUNE Near Detector. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.1	2
158	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
159	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
160	THERMAL ANALYSIS OF THE FAIR SIS300 MODEL DIPOLE. , 2010, , .		1
161	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
162	An Experimental Study of Fine Filaments NbTi Strand for Fast Cycled Magnets. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	1

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163	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
164	CeSOX: An experimental test of the sterile neutrino hypothesis with Borexino. Journal of Physics: Conference Series, 2017, 934, 012003.	0.3	1
165	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
166	A volumized fiber-glass insulation for large superconducting magnets. IEEE Transactions on Applied Superconductivity, 2002, 12, 1242-1243.	1.1	0
167	Superconducting solenoids for the mice channel. , 0, , .		0
168	A combined sextupole-Malmberg-Penning trap for cold non neutral plasmas and anti-hydrogen. AIP Conference Proceedings, 2006, , .	0.3	0
169	Experimental Study of the Mechanical Characteristics of SIS300 Cos θ Dipolar Coils. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	0
170	Short distance neutrino oscillations with Borexino. EPJ Web of Conferences, 2016, 121, 01002.	0.1	0
171	The high precision measurement of the ^{144}Ce activity in the SOX experiment. Journal of Physics: Conference Series, 2016, 675, 012035.	0.3	0
172	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
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