

Naohito Saito

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Suppression of Hadrons with Large Transverse Momentum in Central Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 88, 022301.	7.8	735
2	Identified charged particle spectra and yields in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, .	2.9	665
3	Elliptic Flow of Identified Hadrons in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 182301.	7.8	627
4	Suppressed π^0 Production at Large Transverse Momentum in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 072301.	7.8	514
5	Absence of Suppression in Particle Production at Large Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2003, 91, 072303.	7.8	366
6	Analyzing power in inclusive π^+ and π^- production at high xF with a 200 GeV polarized proton beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 462-466.	4.1	303
7	Dense-Medium Modifications to Jet-Induced Hadron Pair Distributions in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 052301.	7.8	264
8	Nuclear Modification of Electron Spectra and Implications for Heavy Quark Energy Loss in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 032301.	7.8	264
9	Midrapidity Neutral-Pion Production in Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2003, 91, 241803.	7.8	249
10	Centrality Dependence of π^+ , K^+ , p , and p^+ Production from $\sqrt{s_{NN}}=130$ GeV Au + Au Collisions at RHIC. Physical Review Letters, 2002, 88, 242301.	7.8	244
11	Centrality Dependence of Charged Particle Multiplicity in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 86, 3500-3505.	7.8	238
12	Prospects for Spin Physics at RHIC. Annual Review of Nuclear and Particle Science, 2000, 50, 525-575.	10.2	236
13	High- p_T charged hadron suppression in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, .	2.9	233
14	Centrality Dependence of Direct Photon Production in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2005, 94, 232301.	7.8	219
15	Systematic studies of the centrality and $\sqrt{s_{NN}}$ dependence of the $dE_T/d\eta$ and $dN_{ch}/d\eta$ in heavy ion collisions at midrapidity. Physical Review C, 2005, 71, .	2.9	214
16	Scaling Properties of Proton and Antiproton Production in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2003, 91, 172301.	7.8	209
17	Comparison of spin asymmetries and cross sections in π^0 production by 200 GeV polarized antiprotons and protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 261, 201-206.	4.1	201
18	Flow Measurements via Two-Particle Azimuthal Correlations in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 212301.	7.8	163

#	ARTICLE	IF	CITATIONS
19	Bose-Einstein Correlations of Charged Pion Pairs in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 152302.	7.8	158
20	Single identified hadron spectra from $\sqrt{s_{NN}}=130$ GeV Au+Au collisions. Physical Review C, 2004, 69, .	2.9	154
21	Measurement of Transverse Single-Spin Asymmetries for Midrapidity Production of Neutral Pions and Charged Hadrons in Polarized p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 202001.	7.8	144
22	Measurement of Single Electrons and Implications for Charm Production in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 88, 192303.	7.8	143
23	Centrality Dependence of ϕ and $\bar{\phi}$ Production at Large Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2007, 98, .	7.8	140
24	Transverse-Mass Dependence of Two-Pion Correlations in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 88, 192302.	7.8	136
25	Polarized parton distribution functions in the nucleon. Physical Review D, 2000, 62, .	4.7	135
26	Measurement of the Midrapidity Transverse Energy Distribution from $\sqrt{s_{NN}}=130$ GeV Au+Au Collisions at RHIC. Physical Review Letters, 2001, 87, 052301.	7.8	134
27	Centrality Dependence of Charm Production from a Measurement of Single Electrons in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 082301.	7.8	126
28	Measurement of Direct Photon Production in p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 012002.	7.8	123
29	Single-Spin Asymmetries in Inclusive Charged Pion Production by Transversely Polarized Antiprotons. Physical Review Letters, 1996, 77, 2626-2629.	7.8	121
30	J/ψ Production and Nuclear Effects from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 012304.	7.8	121
31	Common Suppression Pattern of ϕ and $\bar{\phi}$ Mesons at High Transverse Momentum in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 202301.	7.8	117
32	Measurement of ϕ and $\bar{\phi}$ Particles in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 092302.	7.8	112
33	A new approach for measuring the muon anomalous magnetic moment and electric dipole moment. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	112
34	Determination of polarized parton distribution functions and their uncertainties. Physical Review D, 2004, 69, .	4.7	95
35	Production of ϕ mesons at midrapidity in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions at relativistic energies. Physical Review C, 2005, 72, .	2.9	95
36	Photoproduction of ϕ mesons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 202001.	2.9	93

#	ARTICLE	IF	CITATIONS
37	Nuclear effects on hadron production in Au collisions at $\sqrt{s_{NN}}=200$ GeV revealed by comparison with p+ndata. Physical Review C, 2006, 74, . Detailed study of high- p_T pion suppression and azimuthal anisotropy in Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	90
38	Measurement of Nonrandom Event-by-Event Fluctuations of Average Transverse Momentum in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 092301.	2.9	87
39	Measurement of Nonrandom Event-by-Event Fluctuations of Average Transverse Momentum in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 092301.	7.8	80
40	Event-by-event fluctuations in mean p_T and mean $\langle \ln N \rangle$ in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 66, .	2.9	79
41	Jet properties from dihadron correlations in p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review D, 2006, 74, .	4.7	78
42	Search for the H-dibaryon resonance in $C^{12}(K^{\bar{0}}, K^{\bar{0}} \rightarrow X)$. Physical Review C, 2007, 75, .	2.9	78
43	Centrality dependence of the high p_T charged hadron suppression in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 82-92.	4.1	75
44	Nuclear Modification Factors for Hadrons at Forward and Backward Rapidities in Deuteron-Gold Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 082302.	7.8	73
45	Publisher's Note: Systematic studies of the centrality and $\sqrt{s_{NN}}$ dependence of the $dN_{ch}/d\eta$ in heavy ion collisions at midrapidity [Phys. Rev. C71, 034908 (2005)]. Physical Review C, 2005, 71, .	2.9	72
46	Large analyzing power in inclusive $\bar{\Lambda}^{\pm}$ production at high xF with a 22-GeV/c polarized proton beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 412-416.	4.1	69
47	Deuteron and Antideuteron Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 122302.	7.8	69
48	Measurement of analyzing powers of $\bar{\Lambda}^{\pm}$ produced on a hydrogen and a carbon target with a 22 GeV/c incident polarized proton beam. Physical Review D, 2002, 65, .	4.7	67
49	Net Charge Fluctuations in Au+Au Interactions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 082301.	7.8	66
50	Polarized proton collider at RHIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 392-414.	1.6	64
51	J/ψ Production from Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 92, 051802.	7.8	63
52	J/ψ production in Au-Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, .	2.9	60
53	Measurement of single electron event anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	60
54	Measurement of the $\langle \ln N \rangle$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	4.1	58

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55	Large-x F spin asymmetry in π^0 production by 200-GeV polarized protons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992, 56, 181-184.	1.5	57
56	Determination of polarized parton distribution functions with recent data on polarization asymmetries. <i>Physical Review D</i> , 2006, 74, .	4.7	55
57	PHENIX Muon Arms. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 499, 537-548.	1.6	53
58	Jet structure from dihadron correlations in Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2006, 73, .	2.9	53
59	Search for the H dibaryon in (K^+, K^+) reaction with scintillating fiber active target. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 378, 53-58.	4.1	52
60	Double Helicity Asymmetry in Inclusive Midrapidity π^0 Production for Polarized p+p Collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2004, 93, 202002.	7.8	52
61	Measurement of the analyzing power A_N for π^0 production in polarized p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2006, 96, 032302.	4.1	52
62	Enhanced $\pi^0\pi^0$ production near threshold in the $^{12}C(K^+, K^+)$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 444, 267-272.	4.1	48
63	Measurement of Identified and Inclusive Photon Second-Harmonic Parameter v_2 and Implications for Direct Photon Production in $\sqrt{s_{NN}}=200$ GeV Au+Au. <i>Physical Review Letters</i> , 2006, 96, 032302.	7.8	48
64	Single Electrons from Heavy-Flavor Decays in p+p Collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2006, 96, 032001.	7.8	46
65	Measurement of single spin asymmetry for direct photon production in pp collisions at 200 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 345, 569-575.	4.1	40
66	Three-dimensional spiral injection scheme for the g 2 /EDM experiment at J-PARC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 832, 51-62.	1.6	40
67	Enhancement of muonium emission rate from silica aerogel with a laser-ablated surface. <i>Progress of Theoretical and Experimental Physics</i> , 2014, 2014, 91C01-0.	6.6	39
68	Search for $\Lambda(1520)$ in π^0 production in polarized p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2006, 96, 032302.	4.1	38
69	First results for the two-spin parameter A_{LL} in π^0 production by 200 GeV polarized protons and antiprotons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 261, 197-200.	4.1	37
70	Single-spin asymmetries and invariant cross sections of the high transverse-momentum inclusive π^0 production in 200 GeV/c p and p \bar{p} interactions. <i>Physical Review D</i> , 1996, 53, 4747-4755.	4.7	37
71	Midrapidity direct-photon production in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2005, 71, .	4.7	37
72	Measurement of Analyzing Power for Proton-Carbon Elastic Scattering in the Coulomb-Nuclear Interference Region with a 22 GeV/c Polarized Proton Beam. <i>Physical Review Letters</i> , 2002, 89, 052302.	7.8	36

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73	Evidence for a Long-Range Component in the Pion Emission Source in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 132301.	7.8	36
74	New $\frac{1}{4}$ SR spectrometer at J-PARC MUSE based on Kalliope detectors. Journal of Physics: Conference Series, 2014, 551, 012063.	0.4	35
75	Spin Transfer in Inclusive Λ^0 Production by Transversely Polarized Protons at 200 GeV/c. Physical Review Letters, 1997, 78, 4003-4006.	7.8	34
76	Analyzing power measurement of pp elastic scattering in the Coulomb-nuclear interference region with the 200-GeV/c polarized-proton beam at Fermilab. Physical Review D, 1993, 48, 3026-3036.	4.7	33
77	QCD selection rules in polarized hadron collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 165-172.	4.1	33
78	Search for the $\bar{\Lambda}^+$ Pentaquark via the $\bar{\Lambda}^+ \rightarrow \bar{p} \pi^+ K^+$ Reaction at 1.92 GeV/c. Physical Review Letters, 2012, 109, 132002.	7.8	33
79	Interdigital H^- mode drift-tube linac design with alternative phase focusing for muon linac. Physical Review Accelerators and Beams, 2016, 19, .	1.6	32
80	$\Lambda^+ p$ elastic scattering in the region of $300 < \sqrt{s} < 600$ MeV/c with a scintillating fiber target. Nuclear Physics A, 1999, 648, 263-279.	1.5	31
81	Measurement of single muons at forward rapidity in p collisions at $\sqrt{s}=200$ GeV. Implications for charm production. Physical Review D, 2007, 76, .	4.7	31
82	A novel precision measurement of muon $g-2$ and EDM at J-PARC. AIP Conference Proceedings, 2012, .	0.4	31
83	High- x_T single-spin asymmetry in $\bar{\Lambda}^0$ and Λ^+ production at $x_F=0$ by 200 GeV polarized antiprotons and protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 531-535.	4.1	30
84	Analyzing Power Measurement in Inclusive Λ^0 Production with a 200 GeV/c Polarized Proton Beam. Physical Review Letters, 1995, 75, 3073-3077.	7.8	29
85	Single transverse spin asymmetry in very forward and very backward neutral particle production for polarized proton collisions at $\sqrt{s}=200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 658, 1-4.	4.1	29
86	Azimuthal Angle Correlations for Rapidity Separated Hadron Pairs in p +Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 222301.	7.8	28
87	Measurements of single and double spin asymmetry in p elastic scattering in the CNL region with a polarized atomic hydrogen gas jet target. Physical Review D, 2009, 79, .	4.7	28
88	Composite particle production in relativistic Au+Pt, Si+Pt, and p+Pt collisions. Physical Review C, 1994, 49, 3211-3218.	2.9	27
89	Production of η mesons at large transverse momenta in p+pd and Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	26
90	Measurement of density correlations in pseudorapidity via charged particle multiplicity fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 76, .	2.9	26

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91	Measurement of the double-spin asymmetry ALL for inclusive multi- $\hat{1}^3$ pair production with 200 GeV/c polarized proton beam and polarized proton target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 269-274.	4.1	23
92	PHENIX magnet system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 480-488.	1.6	23
93	Search for the $\hat{1}^+$ via the $K^+ \hat{1}^+ \hat{1}^+ X$ reaction with a 1.2 GeV/c K^+ beam. Physical Review C, 2008, 77, .	2.9	22
94	Centrality dependence of charged hadron production in deuteron+gold and nucleon+gold collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2008, 77, .	2.9	22
95	Ultra slow muon microscopy by laser resonant ionization at J-PARC, MUSE. Hyperfine Interactions, 2013, 216, 79-83.	0.5	22
96	First muon acceleration using a radio-frequency accelerator. Physical Review Accelerators and Beams, 2018, 21, .	1.6	21
97	Measurement of the differences in the total cross section for antiparallel and parallel longitudinal spins and a measurement of parity nonconservation with incident polarized protons and antiprotons at 200 GeV/c. Physical Review D, 1997, 55, 1159-1187.	4.7	20
98	Production of $\hat{1}^{\pm}, K^{\pm}, p$, and $\hat{1}^-$ in relativistic Au+Pt, Si+Pt, and p+Pt collisions. Physical Review C, 1993, 48, 2984-2994.	2.9	19
99	Magnetic design and method of a superconducting magnet for muon EDM precise measurements in a cylindrical volume with homogeneous magnetic field. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 51-63.	1.6	19
100	New concept for a large-acceptance general-purpose muon beamline. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	19
101	Measurement of muonium emission from silica aerogel. Progress of Theoretical and Experimental Physics, 2013, 2013, 103C01-103C01.	6.6	18
102	Strangelet search and light nucleus production in relativistic Si+Pt and Au+Pt collisions. Physical Review C, 1996, 54, R15-R19.	2.9	16
103	Scalar and vector meson production and two-step processes in the $(K^{\hat{1}}, K^+)$ reaction on ^{12}C . Nuclear Physics A, 1997, 625, 231-250.	1.5	15
104	High-resolution search for the $\hat{1}^+$ High-resolution search for the $\hat{1}^+$ via a pion-induced reaction at J-PARC. Physical Review C, 2014, 90, .	4.9	15
105	New precise measurements of muonium hyperfine structure at J-PARC MUSE. EPJ Web of Conferences, 2019, 198, 00003.	0.3	12
106	Spin physics with the PHENIX detector system. Nuclear Physics A, 1998, 638, 575c-578c.	1.5	11
107	Development of a novel silicon stripixel detector for RHIC-PHENIX detector upgrade. IEEE Transactions on Nuclear Science, 2004, 51, 2337-2340.	2.0	11
108	Novel silicon stripixel detector for PHENIX Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 300-304.	1.6	10

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109	Search for H dibaryon by scintillating fiber track detector. Nuclear Physics A, 1992, 547, 211-216.	1.5	9
110	Trigger electronics upgrade of PHENIX muon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 703, 114-132.	1.6	9
111	First trial of the muon acceleration for J-PARC muon g-2/EDM experiment. Journal of Physics: Conference Series, 2017, 874, 012055.	0.4	9
112	Search for H dibaryon-nucleus bound states in relativistic Au+Pt collisions. Physical Review C, 1995, 52, 1580-1583.	2.9	8
113	Study on Field Measurement and Ground Vibration for Superconducting Solenoid of New g-2 Experiment at J-PARC. IEEE Transactions on Applied Superconductivity, 2011, 21, 1748-1751.	1.7	8
114	RHIC pC CNI Polarimeter: Status and Performance from the First Collider Run. AIP Conference Proceedings, 2003, , .	0.4	7
115	Ultra Slow Muon Microscope at MUSE / J-PARC. Journal of Physics: Conference Series, 2014, 502, 012042.	0.4	7
116	New muonium HFS measurements at J-PARC/MUSE. Hyperfine Interactions, 2016, 237, 1.	0.5	7
117	Study of muonium emission from laser-ablated silica aerogel. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	7
118	Measurement of single spin asymmetry in $\hat{1}$ -meson production in $p\hat{1}p$ and $p\hat{1},\hat{1}p$ interactions in the beam fragmentation region at 200 GeV/c. Nuclear Physics B, 1998, 510, 3-11.	2.5	6
119	Development status of superconducting solenoid for the MuHFS experiment at the J-PARC. Journal of Physics: Conference Series, 2013, 408, 012074.	0.4	6
120	Development of Inter-Digital H-Mode Drift-Tube Linac Prototype With Alternative Phase Focusing for a Muon Linac in the J-PARC Muon G-2/EDM Experiment. Journal of Physics: Conference Series, 2019, 1350, 012054.	0.4	6
121	Absolute polarimetry at RHIC. AIP Conference Proceedings, 2008, , .	0.4	5
122	H line; a beam line for fundamental physics study. Journal of Physics: Conference Series, 2014, 551, 012062.	0.4	5
123	Compact buncher cavity for muons accelerated by a radio-frequency quadrupole. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 946, 162693.	1.6	5
124	Development of microwave cavities for measurement of muonium hyperfine structure at J-PARC. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	5
125	The YN interaction from hyperon scattering. Nuclear Physics A, 1995, 585, 165-168.	1.5	4
126	Status and Operational Experience with the Polarized Hydrogen Jet at RHIC. AIP Conference Proceedings, 2007, , .	0.4	4

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127	Study of Magnetic Field Measurement System for g-2/EDM Experiment at J-PARC. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	4
128	Disk and Washer Coupled Cavity Linac Design and Cold-Model for Muon Linac. Journal of Physics: Conference Series, 2019, 1350, 012097.	0.4	4
129	Search for H dibaryon by scintillating-fiber track detector. Il Nuovo Cimento A, 1994, 107, 2415-2420.	0.2	3
130	Heavy ion collisions at collider energies—Insights from PHENIX. Pramana - Journal of Physics, 2003, 60, 639-650.	1.8	3
131	Search for the $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:sc="http://www.elsevier.com" \rangle$	1.5	3
132	Superconducting Magnet Design for the Hyperfine Structure Measurement of Muonium at the J-PARC. IEEE Transactions on Applied Superconductivity, 2013, 23, 4500704-4500704.	1.7	3
133	J-PARC MUSE H-line optimization for the g-2 and MuHFS experiments. Journal of Physics: Conference Series, 2013, 408, 012073.	0.4	3
134	Optimal crossed overlap of coherent vacuum ultraviolet radiation and thermal muonium emission for $\frac{1}{4}$ SR with the Ultra Slow Muon. Journal of Physics: Conference Series, 2014, 551, 012066.	0.4	3
135	New precise measurement of muonium hyperfine structure interval at J-PARC. Hyperfine Interactions, 2017, 238, 1.	0.5	3
136	Performance of Front-end ASIC and its evaluation with Silicon Strip Sensor for J-PARC Muon g-2/EDM Experiment. , 2017, , .		3
137	Response of microchannel plates to positrons from muon-decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 943, 162475.	1.6	3
138	Beam commissioning of muon beamline using negative hydrogen ions generated by ultraviolet light. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 937, 164-167.	1.6	3
139	Negative Muonium Ion Production With a C12A7 Electride Film. Journal of Physics: Conference Series, 2019, 1350, 012067.	0.4	3
140	Developments of a Pulse Kicker System for the Three-Dimensional Spiral Beam Injection of the J-PARC Muon g-2/EDM Experiment. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	3
141	Spin Dependence in Polarized and Elastic Scattering at Very Low Momentum Transfer t at RHIC. Nuclear Physics, Section B, Proceedings Supplements, 2005, 146, 77-81.	0.4	2
142	Specification and design of a radial vane silicon tracker for a new measurement of the muon anomalous magnetic moment g-2 and electric dipole moment at J-PARC. , 2011, , .		2
143	Development of a Superconducting Solenoid for Hyperfine Structure Measurement of Muonium at the J-PARC. IEEE Transactions on Applied Superconductivity, 2012, 22, 4500904-4500904.	1.7	2
144	Search for Pentaquark $\hat{\pi}^+$ in Hadronic Reaction at J-PARC. Few-Body Systems, 2013, 54, 955-960.	1.5	2

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145	Cryogenic Design of a Superconducting Solenoid for Muonium Hyperfine Structure Measurement. IEEE Transactions on Applied Superconductivity, 2013, 23, 3800204-3800204.	1.7	2
146	Muon Profile Measurement After Acceleration With a Radio-Frequency Quadrupole linac. Journal of Physics: Conference Series, 2018, 1067, 052012. Positron tracking detector for J-PARC muon EDM experiment	0.4	2
147	Development of a positron tracking detector for J-PARC muon EDM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162786.	1.6	2
148	Development of a bunch-width monitor for low-intensity muon beam below a few MeV. Physical Review Accelerators and Beams, 2020, 23, .	1.6	2
149	Search for strangelets and other rare objects in Au + Pt collisions at the AGS using a fixed-angle focusing spectrometer. Nuclear Physics A, 1995, 585, 59-62.	1.5	1
150	Hyperon-proton scattering experiments with a scintillating fiber detector at KEK. Nuclear Physics A, 1998, 639, 21c-28c.	1.5	1
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