

Richard Jeffrey Wilkes

List of Publications by Year in descending order

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165
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citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Oscillation of Atmospheric Neutrinos. Physical Review Letters, 1998, 81, 1562-1567.	7.8	4,064
2	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054
3	Solar and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. Physical Review Letters, 2001, 86, 5651-5655.	7.8	894
4	Indications of Neutrino Oscillation in a 250 km Long-Baseline Experiment. Physical Review Letters, 2003, 90, 041801.	7.8	763
5	The Super-Kamiokande detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 418-462.	1.6	696
6	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. Physical Review D, 2005, 71, .	4.7	640
7	Determination of solar neutrino oscillation parameters using 1496 days of Super-Kamiokande-I data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 179-187.	4.1	625
8	Tau Neutrinos Favored over Sterile Neutrinos in Atmospheric Muon Neutrino Oscillations. Physical Review Letters, 2000, 85, 3999-4003.	7.8	609
9	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	1.6	585
10	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. Physical Review Letters, 2001, 86, 5656-5660.	7.8	579
11	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. Physical Review Letters, 2004, 93, 101801.	7.8	538
12	Measurement of neutrino oscillation by the K2K experiment. Physical Review D, 2006, 74, .	4.7	498
13	Measurement of the Flux and Zenith-Angle Distribution of Upward Throughgoing Muons by Super-Kamiokande. Physical Review Letters, 1999, 82, 2644-2648.	7.8	492
14	Solar neutrino measurements in Super-Kamiokande-I. Physical Review D, 2006, 73, .	4.7	390
15	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. Physical Review Letters, 2005, 94, 081802.	7.8	375
16	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	7.8	369
17	Constraints on Neutrino Oscillation Parameters from the Measurement of Day-Night Solar Neutrino Fluxes at Super-Kamiokande. Physical Review Letters, 1999, 82, 1810-1814.	7.8	332
18	Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering. Physical Review Letters, 1999, 82, 2430-2434.	7.8	318

#	ARTICLE	IF	CITATIONS
19	Cosmic γ Ray Proton and Helium Spectra: Results from the JACEE Experiment. <i>Astrophysical Journal</i> , 1998, 502, 278-283.	4.5	288
20	Solar neutrino results in Super-Kamiokande-III. <i>Physical Review D</i> , 2011, 83, .	4.7	285
21	Extremely High Multiplicities in High-Energy Nucleus-Nucleus Collisions. <i>Physical Review Letters</i> , 1983, 50, 2062-2065.	7.8	272
22	Solar neutrino measurements in Super-Kamiokande-II. <i>Physical Review D</i> , 2008, 78, .	4.7	258
23	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. <i>Physical Review D</i> , 2004, 70, .	4.7	231
24	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. <i>Physical Review D</i> , 2010, 81, .	4.7	210
25	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\langle \sin^2 \theta_{13} \rangle = 0.086 \pm 0.013$ on target. <i>Physical Review D</i> , 2015, 91, .	4.7	205
26	Search for Neutrinos from Annihilation of Captured Low-Mass Dark Matter Particles in the Sun by Super-Kamiokande. <i>Physical Review Letters</i> , 2015, 114, 141301.	7.8	192
27	Solar neutrino measurements in Super-Kamiokande-IV. <i>Physical Review D</i> , 2016, 94, .	4.7	187
28	Search for Supernova Relic Neutrinos at Super-Kamiokande. <i>Physical Review Letters</i> , 2003, 90, 061101.	7.8	181
29	Detection of accelerator-produced neutrinos at a distance of 250 km. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 511, 178-184.	4.1	176
30	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. <i>Physical Review D</i> , 2004, 69, .	4.7	172
31	Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. <i>Physical Review Letters</i> , 2014, 112, 181801.	7.8	168
32	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013, 87, .	4.7	165
33	Neutrino-induced upward stopping muons in Super-Kamiokande. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 467, 185-193.	4.1	162
34	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, 53C02-0.	6.6	157
35	AN INDIRECT SEARCH FOR WEAKLY INTERACTING MASSIVE PARTICLES IN THE SUN USING 3109.6 DAYS OF UPWARD-GOING MUONS IN SUPER-KAMIOKANDE. <i>Astrophysical Journal</i> , 2011, 742, 78.	4.5	150
36	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. <i>Physical Review D</i> , 2006, 74, .	4.7	146

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37	Supernova relic neutrino search at super-Kamiokande. Physical Review D, 2012, 85, .	4.7	146
38	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. Physical Review Letters, 2017, 118, 151801.	7.8	146
39	Measurement of the quasielastic axial vector mass in neutrino interactions on oxygen. Physical Review D, 2006, 74, .	4.7	143
40	Search for Supernova Neutrino Bursts at Super-Kamiokande. Astrophysical Journal, 2007, 669, 519-524.	4.5	138
41	Observation of the anisotropy of 10 ¹⁰ TeV primary cosmic ray nuclei flux with the Super-Kamiokande-I detector. Physical Review D, 2007, 75, .	4.7	134
42	Emulsion chamber observations of primary cosmic-ray electrons in the energy range 30-1000 GeV. Astrophysical Journal, 1980, 238, 394.	4.5	125
43	Atmospheric neutrino oscillation analysis with external constraints in Super-Kamiokande I-IV. Physical Review D, 2018, 97, .	4.7	124
44	Search for proton decay via $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \rightarrow \hat{\tau}^+ e^+ \nu_e \nu_\mu \nu_\tau \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \rightarrow \hat{\tau}^+ \nu_e \nu_\mu \nu_\tau \rangle$	4.7	117
45	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	4.7	116
46	Search for Proton Decay via $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \rightarrow \hat{\tau}^+ e^+ \nu_e \nu_\mu \nu_\tau \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \rightarrow \hat{\tau}^+ \nu_e \nu_\mu \nu_\tau \rangle$ in a Large W. Physical Review Letters, 2009, 102, 141801.	7.8	109
47	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. Physical Review Letters, 2005, 95, 252301.	7.8	106
48	Search for Proton Decay through $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \rightarrow \hat{\tau}^+ \nu_e \nu_\mu \nu_\tau \rangle$ in a Large Water Cherenkov Detector. Physical Review Letters, 1999, 83, 1529-1533.	7.8	100
49	Calibration of the Super-Kamiokande detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 737, 253-272.	1.6	97
50	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. Physical Review Letters, 2006, 97, 171801.	7.8	96
51	Measurement of the inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\sigma(\nu_e + \nu_\mu + \nu_\tau) \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	94
52	Scaled-factorial-moment analysis of 200A-GeV sulfur+gold interactions. Physical Review Letters, 1990, 65, 412-415.	7.8	92
53	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 211-223.	1.6	86
54	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. Physical Review D, 2005, 72, .	4.7	82

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55	Multiplicities and rapidity densities in interactions with emulsion nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 397-402.	4.1	81
56	Limits on sterile neutrino mixing using atmospheric neutrinos in Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	80
57	Observation of the East-West Anisotropy of the Atmospheric Neutrino Flux. Physical Review Letters, 1999, 82, 5194-5197.	7.8	79
58	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	7.8	79
59	Evidence for the Appearance of Atmospheric Tau Neutrinos in Super-Kamiokande. Physical Review Letters, 2013, 110, 181802.	7.8	78
60	Search for proton decay via $p \rightarrow K^+ \pi^-$. Physical Review Letters, 2014, 112, 181802.	4.7	78
61	Search for $n \rightarrow \bar{\nu} \pi^+$ oscillation in Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	78
62	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	4.7	77
63	Measurements of the atmospheric neutrino flux by Super-Kamiokande: Energy spectra, geomagnetic effects, and solar modulation. Physical Review D, 2016, 94, .	4.7	73
64	Study of nonstandard neutrino interactions with atmospheric neutrino data in Super-Kamiokande I and II. Physical Review D, 2011, 84, .	4.7	72
65	Energy spectra of cosmic rays above 1 TeV per nucleon. Astrophysical Journal, 1990, 349, L25.	4.5	72
66	First study of neutron tagging with a water Cherenkov detector. Astroparticle Physics, 2009, 31, 320-328.	4.3	70
67	The T2K ND280 off-axis π^0 zero detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 686, 48-63.	1.6	70
68	Limiting fragmentation in oxygen-induced emulsion interactions at 14.6, 60, and 200 GeV/nucleon. Physical Review Letters, 1989, 62, 2801-2804.	7.8	68
69	Publisher's Note: Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande [Phys. Rev. D70, 083523 (2004)]. Physical Review D, 2004, 70, .	4.7	67
70	Search for Differences in Oscillation Parameters for Atmospheric Neutrinos and Antineutrinos at Super-Kamiokande. Physical Review Letters, 2011, 107, 241801.	7.8	66
71	Search for nucleon decay into charged antilepton plus meson in Super-Kamiokande I and II. Physical Review D, 2012, 85, .	4.7	60
72	Limits on the Neutrino Magnetic Moment using 1496 Days of Super-Kamiokande-I Solar Neutrino Data. Physical Review Letters, 2004, 93, 021802.	7.8	59

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73	Measurement of single ν_e production in neutral current neutrino interactions with water by a 1.3 GeV wide band muon neutrino beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 619, 255-262.	4.1	59
74	Scaling properties of charged particle multiplicity distributions in oxygen induced emulsion interactions at 14.6, 60 and 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 223, 262-266.	4.1	58
75	Photon and Helium Energy Spectra above 1 TeV for Primary Cosmic Rays. Physical Review Letters, 1983, 51, 1010-1013.	7.8	55
76	Search for $\tilde{\nu}_{1/2} \tilde{e}$ from the Sun at Super-Kamiokande-I. Physical Review Letters, 2003, 90, 171302.	7.8	51
77	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. Physical Review D, 2003, 68, .	4.7	51
78	Search for Electron Neutrino Appearance in a 250 Å km Long-Baseline Experiment. Physical Review Letters, 2004, 93, 051801.	7.8	50
79	Study of TeV neutrinos with upward showering muons in Super-Kamiokande. Astroparticle Physics, 2008, 29, 42-54.	4.3	50
80	Search for Nucleon Decay via $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">n \rightarrow \tilde{\nu}_1 + \tilde{e} \rangle$		
81	Improved Search for $\nu_{\mu} \rightarrow \nu_{\tau}$ Oscillation in a Long-Baseline Accelerator Experiment. Physical Review Letters, 2006, 96, 181801.	7.8	45
82	Rapidity densities and their fluctuations in central 200 A GeV 32S interactions with Au and Ag, Br nuclei EMU01 collaboration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 227, 285-290.	4.1	43
83	Complex analysis of gold interactions with photoemulsion nuclei at 10.7 GeV/nucleon within the framework of cascade and FRITIOF models. Zeitschrift für Physik A, 1997, 358, 337-351.	0.9	43
84	Interactions of 300-GeV protons with tungsten and chromium. Physical Review D, 1976, 13, 558-565.	4.7	41
85	Measurement of single charged pion production in the charged-current interactions of neutrinos in a 1.3 Å GeV wide band beam. Physical Review D, 2008, 78, .	4.7	39
86	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. Astrophysical Journal, 2002, 578, 317-324.	4.5	37
87	JACEE emulsion chambers for studying the energy spectra of high energy cosmic ray protons and helium. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 251, 583-595.	1.6	36
88	Measurement of the charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	4.7	36
89	On intermittency in heavy-ion collisions and the importance of $\tilde{\nu}_3$ -conversion in a multi-dimensional intermittency analysis. Nuclear Physics B, 1992, 388, 3-30.	2.5	34
90	Search for neutral Q-balls in Super-Kamiokande II. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 18-22.	4.1	34

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91	The K2K SciBar detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 147-151.	1.6	34
92	Fragmentation and multifragmentation of 10.6A GeV gold nuclei. European Physical Journal A, 1999, 5, 429-440.	2.5	33
93	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. Physical Review D, 2017, 95, .	4.7	33
94	SEARCH FOR NEUTRINOS IN SUPER-KAMIOKANDE ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226. Astrophysical Journal Letters, 2016, 830, L11.	8.3	32
95	Measurement of the tau neutrino cross section in atmospheric neutrino oscillations with Super-Kamiokande. Physical Review D, 2018, 98, .	4.7	32
96	Low-cost data acquisition card for school-network cosmic ray detectors. IEEE Transactions on Nuclear Science, 2004, 51, 926-930.	2.0	31
97	Search for proton decay via $p \rightarrow \pi^0 e^+ \bar{\nu}_e$ at Super-Kamiokande I, II, and III. Physical Review D, 2012, 86, .	4.7	31
98	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	7.8	31
99	Rapidity density distributions in ^{16}O , ^{28}Si , ^{32}S , ^{197}Au , and ^{208}Pb induced heavy-ion interactions at $\sqrt{s_{NN}} = 200\text{A GeV}$. Physical Review Letters, 1992, 69, 745-748.	7.8	30
100	The properties of proton-proton interactions between 100 and 1000 GeV from a cosmic-ray experiment. Nuclear Physics B, 1972, 43, 477-521.	2.5	29
101	Charged particle density distributions in Au induced interactions with emulsion nuclei at 10.7 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 472-478.	4.1	29
102	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	4.5	29
103	Average transverse momentum and energy density in high-energy nucleus-nucleus collisions. Physical Review Letters, 1986, 57, 3249-3252.	7.8	28
104	Measurement of radon concentrations at Super-Kamiokande. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 418-424.	4.1	28
105	GPS time synchronization system for K2K. IEEE Transactions on Nuclear Science, 2000, 47, 340-343.	2.0	28
106	Production of helium ($Z=2$) projectile fragments in emulsion interactions from $E/A=2$ to 200 GeV. Physical Review C, 1989, 40, 66-72.	2.9	27
107	Search for nucleon decay into charged antilepton plus meson in 0.316×10^{32} proton exposure of the Super-Kamiokande water Cherenkov detector. Physical Review D, 2017, 96, .	4.7	27
108	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	4.7	26

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109	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. <i>Physical Review D</i> , 2009, 79, .	4.7	25
110	Search for GUT monopoles at Super-Kamiokande. <i>Astroparticle Physics</i> , 2012, 36, 131-136.	4.3	25
111	Measurement of Coherent ν_e Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016, 117, 192501.	4.8	20
112	Updated T2K measurements of muon neutrino and antineutrino disappearance using $L/E > 1.5$ protons on target. <i>Physical Review D</i> , 2017, 96, .	4.7	23
113	High-Energy Neutrino Astronomy Using Upward-Going Muons in Super-Kamiokande I. <i>Astrophysical Journal</i> , 2006, 652, 198-205.	4.5	22
114	Production and decay of $F^+(2030)$ observed in π^+p interactions in emulsion. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1980, 94, 118-122.	4.1	21
115	On the multiplicity fluctuations in relativistic heavy ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 242, 512-516.	4.1	19
116	$^{28}\text{Si}(^{32}\text{S})$ fragmentation at 3.7 A, 14.6 A and 200 A GeV. <i>Zeitschrift für Physik A</i> , 1995, 351, 311-316.	0.9	19
117	Multifragmentation of Gold nuclei in the interactions with photoemulsion nuclei at 10.7 GeV/nucleon. <i>Zeitschrift für Physik A</i> , 1997, 359, 277-290.	0.9	19
118	Search for Lorentz and C - P - T violation using sidereal time dependence of neutrino flavor transitions over a short baseline. <i>Physical Review D</i> , 2017, 95, .	4.7	19
119	Target nucleus fragmentation in $^{16}\text{O}+(\text{Ag,Br})$ interactions at 200 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 234, 180-184.	4.1	17
120	ON THE ENERGY AND MASS DEPENDENCE OF THE MULTIPLICITY IN RELATIVISTIC HEAVY-ION INTERACTIONS. <i>Modern Physics Letters A</i> , 1990, 05, 169-174.	1.2	17
121	Search for Diffuse Astrophysical Neutrino Flux Using Ultra-High-Energy Upward-Going Muons in Super-Kamiokande I. <i>Astrophysical Journal</i> , 2006, 652, 206-215.	4.5	16
122	Helium production in 10.7 A GeV Au induced nucleus-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 338, 397-402.	4.1	15
123	Charged particle multiplicity and pseudorapidity density distributions in ^{16}O , ^{28}Si , and ^{197}Au -induced nuclear interactions at 14.6 and 11.6A GeV/c. <i>Nuclear Physics A</i> , 1995, 593, 535-549.	1.5	15
124	Factorial Moments of ^{28}Si Induced Interactions with Ag(Br) Nuclei. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2001, 13, 213-221.	0.4	15
125	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. <i>Physical Review D</i> , 2008, 77, .	4.7	15
126	A study of recoil protons in ultra-relativistic nucleus-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 230, 175-180.	4.1	14

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127	GPS time synchronization in school-network cosmic ray detectors. IEEE Transactions on Nuclear Science, 2004, 51, 848-853.	2.0	14
128	Search for short baseline ν_e disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14
129	Systematic investigation of scaled factorial cumulant moments for nucleus-nucleus interactions. Physical Review D, 1993, 47, 3726-3732.	4.7	13
130	Critical behaviour in Au fragmentation at 10.7A GeV. European Physical Journal A, 1998, 1, 77-83.	2.5	13
131	Measurement of inclusive ν_e production in the charged-current interactions of neutrinos in a 1.3-GeV wide band beam. Physical Review D, 2011, 83, .	4.7	13
132	OBSERVATIONS OF HIGH-ENERGY COSMIC-RAY ELECTRONS FROM 30 GeV TO 3 TeV WITH EMULSION CHAMBERS. Astrophysical Journal, 2012, 760, 146.	4.5	13
133	Cosmic ray results on the A dependence of multiplicity and angular distributions in proton nuclear interactions above 100 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1975, 53, 479-483.	4.1	12
134	Interactions of 200-GeV pions in nuclei. Physical Review D, 1979, 19, 55-64.	4.7	12
135	Nuclear effect in higher-dimensional factorial moment analysis of the ^{16}O , ^{32}S and ^{197}Au -Em interaction data at 200, 60 and 11 A GeV/c. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 659-663.	1.5	11
136	Charged particle multiplicities, densities and fluctuations in Pb+Pb interactions at 158 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 92-96.	4.1	11
137	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 ν_e detector. Physical Review D, 2015, 91, .	4.7	10
138	Experimental study of the atmospheric neutrino backgrounds for ν_e searches in water Cherenkov detectors. Physical Review D, 2008, 77, .	4.7	9
139	Nature of the high-energy particles from Cygnus X-3. Physical Review D, 1986, 33, 303-306.	4.7	8
140	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	4.5	8
141	Nucleus-nucleus interactions between 20 and 65 GeV per nucleon. Physical Review D, 1987, 35, 824-832.	4.7	7
142	Rescattering probed by the emission of slow target associated particles in high-energy heavy-ion interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 230-236.	4.1	7
143	Design, construction, and initial performance of SciBar detector in K2K experiment. IEEE Transactions on Nuclear Science, 2005, 52, 2992-2997.	2.0	7
144	Rapidity density distributions and their fluctuations in violent Au-induced nuclear interactions at 11.6 A GeV/c. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 166-170.	4.1	6

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145	He production in 158 A GeV/c Pb on Pb interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 445-449.	4.1	6
146	WALTA school-network cosmic ray detectors. IEEE Transactions on Nuclear Science, 2004, 51, 1385-1388.	2.0	6
147	Search for an Excess of Events in the Super-Kamiokande Detector in the Directions of the Astrophysical Neutrinos Reported by the IceCube Collaboration. Astrophysical Journal, 2017, 850, 166.	4.5	6
148	Intra-nuclear cascading in deep inelastic scattering of 150 GeV muons in emulsion. Zeitschrift für Physik C-Particles and Fields, 1979, 1, 139-142.	1.5	5
149	Backward emitted protons in interactions of neutrinos with nuclei in photoemulsion. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 391-393.	1.5	4
150	Nucleus-nucleus collision as superposition of nucleon-nucleus collisions. Nuclear Physics, Section B, Proceedings Supplements, 1999, 71, 330-334.	0.4	4
151	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	4.7	4
152	Possible evidence for magnetic-monopole interactions: Anomalous long-range $\hat{\mu}$ -particle tracks deep underground. Physical Review D, 1983, 28, 2308-2310.	4.7	3
153	Antarctic long-duration balloon flights: JACEE experience. Advances in Space Research, 1998, 21, 959-967.	2.6	3
154	A technique for locating muon deep inelastic scattering events in a nuclear emulsion target. Nuclear Instruments & Methods, 1979, 167, 261-272.	1.2	2
155	Evaluation of acoustic charge transport delay lines for SSC/LHC applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 295, 344-353.	1.6	2
156	STUDY OF ANGULAR DISTRIBUTION OF HELIUM PROJECTILE FRAGMENTS IN INTERACTIONS OF 200 A GeV ^{32}S IONS WITH EMULSION NUCLEI. Modern Physics Letters A, 1993, 08, 21-31.	1.2	2
157	Upper bound on neutrino mass based on T2K neutrino timing measurements. Physical Review D, 2016, 93, .	4.7	2
158	STOCHASTIC EMISSION OF PARTICLES IN ULTRA-RELATIVISTIC HEAVY-ION COLLISIONS. Modern Physics Letters A, 1991, 06, 469-478.	1.2	1
159	$\hat{\mu}$ -nucleus interactions in emulsion at 350 GeV. Physical Review D, 1993, 47, 784-790.	4.7	1
160	Three-component model of hadron-nucleus multiparticle production. Physical Review D, 1982, 25, 2435-2438.	4.7	0
161	Design of emulsion chambers for cosmic ray experiments at balloon altitudes. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1983, 7, 79-83.	0.3	0
162	Observation of associated bottom production and decay in a high-energy hadron interaction. Physical Review D, 1990, 41, 3336-3342.	4.7	0

#	ARTICLE	IF	CITATIONS
163	Fragmentation of relativistic gold nuclei in nuclear emulsion. Radiation Measurements, 1995, 25, 251-256.	1.4	0
164	Results on neutrino oscillations from Super-Kamiokande. Advances in Space Research, 2000, 26, 1813-1822.	2.6	0