

Richard Jeffrey Wilkes

List of Publications by Year in descending order

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165
times ranked

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#	ARTICLE	IF	CITATIONS
1	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	4.7	4
2	Measurement of the tau neutrino cross section in atmospheric neutrino oscillations with Super-Kamiokande. Physical Review D, 2018, 98, .	4.7	32
3	Atmospheric neutrino oscillation analysis with external constraints in Super-Kamiokande I-IV. Physical Review D, 2018, 97, .	4.7	124
4	Search for proton decay via $p \rightarrow e \bar{\nu}_e$ and $p \rightarrow \mu \bar{\nu}_\mu$ using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	4.7	117
5	Search for Lorentz violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	4.7	19
6	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
7	Search for nucleon decay into charged antilepton plus meson in exposure of the Super-Kamiokande water Cherenkov detector. Physical Review D, 2017, 96, .	4.7	27
8	Updated T2K measurements of muon neutrino and antineutrino disappearance with $p \rightarrow e \bar{\nu}_e$ and $p \rightarrow \mu \bar{\nu}_\mu$ on target. Physical Review D, 2017, 96, .	4.7	23
9	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
10	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. Physical Review Letters, 2017, 118, 151801.	7.8	146
11	Measurements of the atmospheric neutrino flux by Super-Kamiokande: Energy spectra, geomagnetic effects, and solar modulation. Physical Review D, 2016, 94, .	4.7	73
12	SEARCH FOR NEUTRINOS IN SUPER-KAMIOKANDE ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226. Astrophysical Journal Letters, 2016, 830, L11.	8.3	32
13	Solar neutrino measurements in Super-Kamiokande-IV. Physical Review D, 2016, 94, .	4.7	187
14	Upper bound on neutrino mass based on T2K neutrino timing measurements. Physical Review D, 2016, 93, .	4.7	2
15	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	7.8	31
16	Measurement of Coherent $\bar{\nu}_e$ Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	4.7	28
17	Search for $\bar{\nu}_e \rightarrow \bar{\nu}_\mu$ oscillation in Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	78
18	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $p \rightarrow e \bar{\nu}_e$ and $p \rightarrow \mu \bar{\nu}_\mu$ on target. Physical Review D, 2015, 91, .	4.7	205

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19	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
20	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector. Physical Review D, 2015, 91, .	4.7	10
21	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. Progress of Theoretical and Experimental Physics, 2015, 2015, 53C02-0.	6.6	157
22	Limits on sterile neutrino mixing using atmospheric neutrinos in Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	80
23	Search for Neutrinos from Annihilation of Captured Low-Mass Dark Matter Particles in the Sun by Super-Kamiokande. Physical Review Letters, 2015, 114, 141301.	7.8	192
24	Search for short baseline neutrino disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14
25	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	4.7	26
26	Search for Nucleon Decay via $\bar{\nu}_e + p \rightarrow \bar{\nu}_e + n$ in the T2K near detector. Physical Review Letters, 2014, 112, 181801.	7.8	168
27	Measurement of the inclusive charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	94
28	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	7.8	369
29	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
30	Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801.	7.8	168
31	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	4.7	165
32	Measurement of the inclusive charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	94
33	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	7.8	79
34	Evidence for the Appearance of Atmospheric Tau Neutrinos in Super-Kamiokande. Physical Review Letters, 2013, 110, 181802.	7.8	78
35	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	4.7	116
36	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	4.7	77

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37	Search for proton decay via $\langle \text{mml:mi} \rangle p \langle / \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\tau} \langle / \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle ^{1/4} \langle / \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mathvariant} = \text{"bold"} \rangle + \langle / \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle / \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle / \text{mml:math} \rangle$ Super-Kamiokande I, II, and III. Physical Review D, 2012, 86, .	4.7	31
38	Supernova relic neutrino search at super-Kamiokande. Physical Review D, 2012, 85, .	4.7	146
39	OBSERVATIONS OF HIGH-ENERGY COSMIC-RAY ELECTRONS FROM 30 GeV TO 3 TeV WITH EMULSION CHAMBERS. Astrophysical Journal, 2012, 760, 146.	4.5	13
40	The T2K ND280 off-axis pi zero detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 686, 48-63.	1.6	70
41	Search for GUT monopoles at Super-Kamiokande. Astroparticle Physics, 2012, 36, 131-136.	4.3	25
42	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
43	Search for nucleon decay into charged antilepton plus meson in Super-Kamiokande I and II. Physical Review D, 2012, 85, .	4.7	60
44	Study of nonstandard neutrino interactions with atmospheric neutrino data in Super-Kamiokande I and II. Physical Review D, 2011, 84, .	4.7	72
45	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
46	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054
47	Solar neutrino results in Super-Kamiokande-III. Physical Review D, 2011, 83, .	4.7	285
48	Measurement of inclusive $\langle \text{mml:math} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \bar{\nu} \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle / \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle / \text{mml:math} \rangle$ production in the charged-current interactions of neutrinos in a 1.3-GeV wide band beam. Physical Review D, 2011, 83, .	4.7	13
49	Search for Differences in Oscillation Parameters for Atmospheric Neutrinos and Antineutrinos at Super-Kamiokande. Physical Review Letters, 2011, 107, 241801.	7.8	66
50	AN INDIRECT SEARCH FOR WEAKLY INTERACTING MASSIVE PARTICLES IN THE SUN USING 3109.6 DAYS OF UPWARD-GOING MUONS IN SUPER-KAMIOKANDE. Astrophysical Journal, 2011, 742, 78.	4.5	150
51	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. Physical Review D, 2010, 81, .	4.7	210
52	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	4.5	8
53	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	4.5	29
54	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. Physical Review D, 2009, 79, .	4.7	25

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55	Search for Proton Decay via $\bar{\nu}_e + p \rightarrow \bar{\nu}_\mu + n + e^+$. <i>Physical Review Letters</i> , 2009, 102, 141801.	7.8	109
56	First study of neutron tagging with a water Cherenkov detector. <i>Astroparticle Physics</i> , 2009, 31, 320-328.	4.3	70
57	Study of TeV neutrinos with upward showering muons in Super-Kamiokande. <i>Astroparticle Physics</i> , 2008, 29, 42-54.	4.3	50
58	Solar neutrino measurements in Super-Kamiokande-II. <i>Physical Review D</i> , 2008, 78, .	4.7	258
59	Experimental study of the atmospheric neutrino backgrounds for $\bar{\nu}_e + e \rightarrow \mu + \bar{\nu}_\mu$ searches in water Cherenkov detectors. <i>Physical Review D</i> , 2008, 77, .	4.7	9
60	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. <i>Physical Review D</i> , 2008, 77, .	4.7	15
61	Measurement of single charged pion production in the charged-current interactions of neutrinos in a 1.3 GeV wide band beam. <i>Physical Review D</i> , 2008, 78, .	4.7	39
62	Observation of the anisotropy of 10 TeV primary cosmic ray nuclei flux with the Super-Kamiokande-I detector. <i>Physical Review D</i> , 2007, 75, .	4.7	134
63	Search for Supernova Neutrino Bursts at Super-Kamiokande. <i>Astrophysical Journal</i> , 2007, 669, 519-524.	4.5	138
64	Search for neutral Q-balls in Super-Kamiokande II. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 647, 18-22.	4.1	34
65	Measurement of neutrino oscillation by the K2K experiment. <i>Physical Review D</i> , 2006, 74, .	4.7	498
66	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. <i>Physical Review D</i> , 2006, 74, .	4.7	146
67	Measurement of the quasielastic axial vector mass in neutrino interactions on oxygen. <i>Physical Review D</i> , 2006, 74, .	4.7	143
68	Solar neutrino measurements in Super-Kamiokande-I. <i>Physical Review D</i> , 2006, 73, .	4.7	390
69	High Energy Neutrino Astronomy Using Upward Going Muons in Super-Kamiokande I. <i>Astrophysical Journal</i> , 2006, 652, 198-205.	4.5	22
70	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
71	Improved Search for $\bar{\nu}_e + p \rightarrow \bar{\nu}_\mu + n + e^+$ Oscillation in a Long-Baseline Accelerator Experiment. <i>Physical Review Letters</i> , 2006, 96, 181801.	7.8	45
72	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. <i>Physical Review Letters</i> , 2006, 97, 171801.	7.8	96

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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	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. Physical Review Letters, 2005, 95, 252301.	7.8	106
75	Design, construction, and initial performance of SciBar detector in K2K experiment. IEEE Transactions on Nuclear Science, 2005, 52, 2992-2997.	2.0	7
76	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. Physical Review D, 2005, 71, .	4.7	640
77	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. Physical Review D, 2005, 72, .	4.7	82
78	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. Physical Review Letters, 2005, 94, 081802.	7.8	375
79	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
80	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. Physical Review D, 2004, 70, .	4.7	231
81	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. Physical Review D, 2004, 69, .	4.7	172
82	Search for Electron Neutrino Appearance in a 250km Long-Baseline Experiment. Physical Review Letters, 2004, 93, 051801.	7.8	50
83	GPS time synchronization in school-network cosmic ray detectors. IEEE Transactions on Nuclear Science, 2004, 51, 848-853.	2.0	14
84	Low-cost data acquisition card for school-network cosmic ray detectors. IEEE Transactions on Nuclear Science, 2004, 51, 926-930.	2.0	31
85	WALTA school-network cosmic ray detectors. IEEE Transactions on Nuclear Science, 2004, 51, 1385-1388.	2.0	6
86	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
87	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. Physical Review Letters, 2004, 93, 101801.	7.8	538
88	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
89	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
90	Indications of Neutrino Oscillation in a 250km Long-Baseline Experiment. Physical Review Letters, 2003, 90, 041801.	7.8	763

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91	Search for $\bar{\nu}_e$ from the Sun at Super-Kamiokande-I. Physical Review Letters, 2003, 90, 171302.	7.8	51
92	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. Physical Review D, 2003, 68, .	4.7	51
93	Search for Supernova Relic Neutrinos at Super-Kamiokande. Physical Review Letters, 2003, 90, 061101.	7.8	181
94	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. Astrophysical Journal, 2002, 578, 317-324.	4.5	37
95	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
96	Solar and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. Physical Review Letters, 2001, 86, 5651-5655.	7.8	894
97	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. Physical Review Letters, 2001, 86, 5656-5660.	7.8	579
98	Detection of accelerator-produced neutrinos at a distance of 250 km. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 178-184.	4.1	176
99	Factorial Moments of ^{28}Si Induced Interactions with Ag(Br) Nuclei. Acta Physica Hungarica A Heavy Ion Physics, 2001, 13, 213-221.	0.4	15
100	Results on neutrino oscillations from Super-Kamiokande. Advances in Space Research, 2000, 26, 1813-1822.	2.6	0
101	Tau Neutrinos Favored over Sterile Neutrinos in Atmospheric Muon Neutrino Oscillations. Physical Review Letters, 2000, 85, 3999-4003.	7.8	609
102	GPS time synchronization system for K2K. IEEE Transactions on Nuclear Science, 2000, 47, 340-343.	2.0	28
103	Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering. Physical Review Letters, 1999, 82, 2430-2434.	7.8	318
104	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
105	Observation of the East-West Anisotropy of the Atmospheric Neutrino Flux. Physical Review Letters, 1999, 82, 5194-5197.	7.8	79
106	Search for Proton Decay through $\bar{\nu}_e + K^+ \rightarrow \bar{\nu}_e + K^+$ in a Large Water Cherenkov Detector. Physical Review Letters, 1999, 83, 1529-1533.	7.8	100
107	Nucleus-nucleus collision as superposition of nucleon-nucleus collisions. Nuclear Physics, Section B, Proceedings Supplements, 1999, 71, 330-334.	0.4	4
108	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

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109	Neutrino-induced upward stopping muons in Super-Kamiokande. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 185-193.	4.1	162
110	Fragmentation and multifragmentation of 10.6A GeV gold nuclei. European Physical Journal A, 1999, 5, 429-440.	2.5	33
111	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
112	Critical behaviour in Au fragmentation at 10.7A GeV. European Physical Journal A, 1998, 1, 77-83.	2.5	13
113	Antarctic long-duration balloon flights: JACEE experience. Advances in Space Research, 1998, 21, 959-967.	2.6	3
114	Evidence for Oscillation of Atmospheric Neutrinos. Physical Review Letters, 1998, 81, 1562-1567.	7.8	4,064
115	Cosmic-ray Proton and Helium Spectra: Results from the JACEE Experiment. Astrophysical Journal, 1998, 502, 278-283.	4.5	288
116	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
117	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
118	Multifragmentation of Gold nuclei in the interactions with photoemulsion nuclei at 10.7 GeV/nucleon. Zeitschrift für Physik A, 1997, 359, 277-290.	0.9	19
119	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
120	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
121	^{28}Si (^{32}S) fragmentation at 3.7 A, 14.6 A and 200 A GeV. Zeitschrift für Physik A, 1995, 351, 311-316.	0.9	19
122	Fragmentation of relativistic gold nuclei in nuclear emulsion. Radiation Measurements, 1995, 25, 251-256.	1.4	0
123	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
124	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
125	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. Nuclear Physics A, 1995, 593, 535-549.	1.5	15
126	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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127	Helium production in 10.7 A GeV Au induced nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 397-402.	4.1	15
128	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
129	Systematic investigation of scaled factorial cumulant moments for nucleus-nucleus interactions. Physical Review D, 1993, 47, 3726-3732.	4.7	13
130	π^+ -nucleus interactions in emulsion at 350 GeV. Physical Review D, 1993, 47, 784-790.	4.7	1
131	Rapidity density distributions in ^{16}O , ^{28}Si , ^{32}S , ^{197}Au , and ^{208}Pb induced heavy-ion interactions at $4 \leq A \leq 200$ A GeV. Physical Review Letters, 1992, 69, 745-748.	7.8	30
132	On intermittency in heavy-ion collisions and the importance of π^3 -conversion in a multi-dimensional intermittency analysis. Nuclear Physics B, 1992, 388, 3-30.	2.5	34
133	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
134	STOCHASTIC EMISSION OF PARTICLES IN ULTRA-RELATIVISTIC HEAVY-ION COLLISIONS. Modern Physics Letters A, 1991, 06, 469-478.	1.2	1
135	On the multiplicity fluctuations in relativistic heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 512-516.	4.1	19
136	Target nucleus fragmentation in $^{16}\text{O}+(\text{Ag},\text{Br})$ interactions at 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 180-184.	4.1	17
137	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
138	Scaled-factorial-moment analysis of 200A-GeV sulfur+gold interactions. Physical Review Letters, 1990, 65, 412-415.	7.8	92
139	Observation of associated bottom production and decay in a high-energy hadron interaction. Physical Review D, 1990, 41, 3336-3342.	4.7	0
140	ON THE ENERGY AND MASS DEPENDENCE OF THE MULTIPLICITY IN RELATIVISTIC HEAVY-ION INTERACTIONS. Modern Physics Letters A, 1990, 05, 169-174.	1.2	17
141	Energy spectra of cosmic rays above 1 TeV per nucleon. Astrophysical Journal, 1990, 349, L25.	4.5	72
142	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
143	Production of helium ($Z=2$) projectile fragments in emulsion ^{16}O interactions from $E/A=2$ to 200 GeV. Physical Review C, 1989, 40, 66-72.	2.9	27
144	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

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145	A study of recoil protons in ultra-relativistic nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 230, 175-180.	4.1	14
146	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
147	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
148	Nucleus-nucleus interactions between 20 and 65 GeV per nucleon. Physical Review D, 1987, 35, 824-832.	4.7	7
149	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
150	Average transverse momentum and energy density in high-energy nucleus-nucleus collisions. Physical Review Letters, 1986, 57, 3249-3252.	7.8	28
151	Nature of the high-energy particles from Cygnus X-3. Physical Review D, 1986, 33, 303-306.	4.7	8
152	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
153	Extremely High Multiplicities in High-Energy Nucleus-Nucleus Collisions. Physical Review Letters, 1983, 50, 2062-2065.	7.8	272
154	Photon and Helium Energy Spectra above 1 TeV for Primary Cosmic Rays. Physical Review Letters, 1983, 51, 1010-1013.	7.8	55
155	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
156	Three-component model of hadron-nucleus multiparticle production. Physical Review D, 1982, 25, 2435-2438.	4.7	0
157	Production and decay of $F(2030)$ observed in $\hat{p}^{\pm}p$ interactions in emulsion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 94, 118-122.	4.1	21
158	Emulsion chamber observations of primary cosmic-ray electrons in the energy range 30-1000 GeV. Astrophysical Journal, 1980, 238, 394.	4.5	125
159	Interactions of 200-GeV pions in nuclei. Physical Review D, 1979, 19, 55-64.	4.7	12
160	A technique for locating muon deep inelastic scattering events in a nuclear emulsion target. Nuclear Instruments & Methods, 1979, 167, 261-272.	1.2	2
161	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
162	Interactions of 300-GeV protons with tungsten and chromium. Physical Review D, 1976, 13, 558-565.	4.7	41

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