

Yoshinari Hayato

List of Publications by Year in descending order

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242
papers

35,976
citations

8749

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3031

188
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244
all docs

244
docs citations

244
times ranked

16046
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Physical Review D, 2018, 98, .	1.6	5,390
2	Evidence for Oscillation of Atmospheric Neutrinos. Physical Review Letters, 1998, 81, 1562-1567.	2.9	4,064
3	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
4	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	2.9	1,054
5	Solar and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. Physical Review Letters, 2001, 86, 5651-5655.	2.9	894
6	Indications of Neutrino Oscillation in a 250 km Long-Baseline Experiment. Physical Review Letters, 2003, 90, 041801.	2.9	763
7	The Super-Kamiokande detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 418-462.	0.7	696
8	Solar Neutrino Data Covering Solar Cycle 22. Physical Review Letters, 1996, 77, 1683-1686.	2.9	660
9	Atmospheric ratio in the multi-GeV energy range. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 237-245.	1.5	657
10	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. Physical Review D, 2005, 71, .	1.6	640
11	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.	1.5	625
12	Tau Neutrinos Favored over Sterile Neutrinos in Atmospheric Muon Neutrino Oscillations. Physical Review Letters, 2000, 85, 3999-4003.	2.9	609
13	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	0.7	585
14	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. Physical Review Letters, 2001, 86, 5656-5660.	2.9	579
15	Measurements of the Solar Neutrino Flux from Super-Kamiokande's First 300 Days. Physical Review Letters, 1998, 81, 1158-1162.	2.9	557
16	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. Physical Review Letters, 2004, 93, 101801.	2.9	538
17	Measurement of neutrino oscillation by the K2K experiment. Physical Review D, 2006, 74, .	1.6	498
18	Measurement of the Flux and Zenith-Angle Distribution of Upward Throughgoing Muons by Super-Kamiokande. Physical Review Letters, 1999, 82, 2644-2648.	2.9	492

#	ARTICLE	IF	CITATIONS
19	Measurement of a small atmospheric $\hat{\nu}_{\mu}/\hat{\nu}_{\tau}$ ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 9-18.	1.5	491
20	Study of the atmospheric neutrino flux in the multi-GeV energy range. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 33-41.	1.5	416
21	Solar neutrino measurements in Super-Kamiokande-I. Physical Review D, 2006, 73, .	1.6	390
22	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. Physical Review Letters, 2005, 94, 081802.	2.9	375
23	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	2.9	369
24	Constraints on Neutrino Oscillation Parameters from the Measurement of Day-Night Solar Neutrino Fluxes at Super-Kamiokande. Physical Review Letters, 1999, 82, 1810-1814.	2.9	332
25	Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering. Physical Review Letters, 1999, 82, 2430-2434.	2.9	318
26	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	13.7	313
27	Solar neutrino results in Super-Kamiokande-III. Physical Review D, 2011, 83, .	1.6	285
28	Solar neutrino measurements in Super-Kamiokande-II. Physical Review D, 2008, 78, .	1.6	258
29	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. Physical Review D, 2004, 70, .	1.6	231
30	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. Physical Review D, 2010, 81, .	1.6	210
31	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\langle \nu_{\mu} \rangle = 6.6 \times 10^6$ on target. Physical Review D, 2015, 91, .	1.6	205
32	Search for Neutrinos from Annihilation of Captured Low-Mass Dark Matter Particles in the Sun by Super-Kamiokande. Physical Review Letters, 2015, 114, 141301.	2.9	192
33	Solar neutrino measurements in Super-Kamiokande-IV. Physical Review D, 2016, 94, .	1.6	187
34	Search for Supernova Relic Neutrinos at Super-Kamiokande. Physical Review Letters, 2003, 90, 061101.	2.9	181
35	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.	1.5	176
36	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. Physical Review D, 2004, 69, .	1.6	172

#	ARTICLE	IF	CITATIONS
37	Precise Measurement of the Neutrino Mixing Parameter θ_{23} from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801.	2.9	168
38	Neut. Nuclear Physics, Section B, Proceedings Supplements, 2002, 112, 171-176.	0.5	167
39	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	1.6	165
40	Search for $C P$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\Delta m_{21}^2 < 2.2 \times 10^{21} \text{ eV}^2$. Physical Review Letters, 2018, 121, 171802.	2.9	165
41	Neutrino-induced upward stopping muons in Super-Kamiokande. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 185-193.	1.5	162
42	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.	1.8	157
43	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.	1.6	150
44	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. Physical Review D, 2006, 74, .	1.6	146
45	Supernova relic neutrino search at super-Kamiokande. Physical Review D, 2012, 85, .	1.6	146
46	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. Physical Review Letters, 2017, 118, 151801.	2.9	146
47	Measurement of the quasielastic axial vector mass in neutrino interactions on oxygen. Physical Review D, 2006, 74, .	1.6	143
48	Search for Supernova Neutrino Bursts at Super-Kamiokande. Astrophysical Journal, 2007, 669, 519-524.	1.6	138
49	Observation of the anisotropy of 10 TeV primary cosmic ray nuclei flux with the Super-Kamiokande-I detector. Physical Review D, 2007, 75, .	1.6	134
50	Measurement of the Flux and Zenith-Angle Distribution of Upward Through-Going Muons in Kamiokande II+III. Physical Review Letters, 1998, 81, 2016-2019.	2.9	124
51	Atmospheric neutrino oscillation analysis with external constraints in Super-Kamiokande I-IV. Physical Review D, 2018, 97, .	1.6	124
52	Search for proton decay via $p \rightarrow e \gamma$ and $p \rightarrow \mu \gamma$. Physical Review Letters, 2017, 118, 117701.	1.6	117
53	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	1.6	116
54	Search for Proton Decay via $p \rightarrow e \gamma$ in a Large Water Cherenkov Detector. Physical Review Letters, 1998, 81, 3319-3323.	2.9	110

#	ARTICLE	IF	CITATIONS
55	Search for Proton Decay via $p \rightarrow e \pi^+ \nu$ in a Large Water Cherenkov Detector. Physical Review Letters, 2000, 102, 141801.	2.9	109
56	Progress and open questions in the physics of neutrino cross sections at intermediate energies. New Journal of Physics, 2014, 16, 075015.	1.2	107
57	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. Physical Review Letters, 2005, 95, 252301.	2.9	106
58	Calibration of Super-Kamiokande using an electron LINAC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 421, 113-129.	0.7	101
59	Search for Proton Decay through $p \rightarrow e \pi^+ \nu$ in a Large Water Cherenkov Detector. Physical Review Letters, 1999, 83, 1529-1533.	2.9	100
60	Supernova Relic Neutrino search with neutron tagging at Super-Kamiokande-IV. Astroparticle Physics, 2015, 60, 41-46.	1.9	99
61	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.	0.7	97
62	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. Physical Review Letters, 2006, 97, 171801.	2.9	96
63	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\nu_e \nu_{\mu} \nu_{\tau}$ interactions at the far detector. Physical Review D, 2017, 96, .	1.6	95
64	Measurement of the inclusive $\nu_e \nu_{\mu} \nu_{\tau}$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	1.6	94
65	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.	0.7	86
66	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. Physical Review D, 2005, 72, .	1.6	82
67	Measurement of inclusive charged current interactions on carbon in a few-GeV neutrino beam. Physical Review D, 2011, 83, .	1.6	81
68	Limits on sterile neutrino mixing using atmospheric neutrinos in Super-Kamiokande. Physical Review D, 2015, 91, .	1.6	80
69	Observation of the East-West Anisotropy of the Atmospheric Neutrino Flux. Physical Review Letters, 1999, 82, 5194-5197.	2.9	79
70	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	2.9	79
71	Evidence for the Appearance of Atmospheric Tau Neutrinos in Super-Kamiokande. Physical Review Letters, 2013, 110, 181802.	2.9	78
72	Search for proton decay via $p \rightarrow e \pi^+ \nu$ in Super-Kamiokande. Physical Review D, 2014, 90, .	1.6	78

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73	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mi}> n \langle \text{mml:mi}> \langle \text{mml:mo}> \hat{\nu} \langle \text{mml:mo}> \langle \text{mml:mover accent="true"> \langle \text{mml:mi}> n \langle \text{mml:mi}> \langle \text{mml:mo accent="true" stretchy="false"> \hat{\nu} \langle \text{mml:mo}> \langle \text{mml:mover}> \langle \text{mml:math}> oscillation in Super-Kamiokande. Physical Review D, 2015, 93, .$	1.6	78
74	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	1.6	77
75	Measurement of double-differential muon neutrino charged-current interactions on C ₈ H ₈ without pions in the final state using the T2K off-axis beam. Physical Review D, 2016, 93, .	1.6	77
76	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	77
77	First Indication of Terrestrial Matter Effects on Solar Neutrino Oscillation. Physical Review Letters, 2014, 112, 091805.	2.9	76
78	Measurements of the atmospheric neutrino flux by Super-Kamiokande: Energy spectra, geomagnetic effects, and solar modulation. Physical Review D, 2016, 94, .	1.6	73
79	Search for charged current coherent pion production on carbon in a few-GeV neutrino beam. Physical Review D, 2008, 78, .	1.6	72
80	Study of nonstandard neutrino interactions with atmospheric neutrino data in Super-Kamiokande I and II. Physical Review D, 2011, 84, .	1.6	72
81	Dual baseline search for muon neutrino disappearance at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mn}> 0.5 \langle \text{mml:mtxt}> \hat{\epsilon} \% \langle \text{mml:mtxt}> \hat{\epsilon} \% \langle \text{mml:mtxt}> \langle \text{mml:mSup}> \langle \text{mml:mi}> e \nu$ Physical Review D, 2012, 85, .	1.6	71
82	First study of neutron tagging with a water Cherenkov detector. Astroparticle Physics, 2009, 31, 320-328.	1.9	70
83	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, .	1.6	67
84	Search for Differences in Oscillation Parameters for Atmospheric Neutrinos and Antineutrinos at Super-Kamiokande. Physical Review Letters, 2011, 107, 241801.	2.9	66
85	Characterization of nuclear effects in muon-neutrino scattering on hydrocarbon with a measurement of final-state kinematics and correlations in charged-current pionless interactions at T2K. Physical Review D, 2018, 98, .	1.6	66
86	Real-time supernova neutrino burst monitor at Super-Kamiokande. Astroparticle Physics, 2016, 81, 39-48.	1.9	65
87	Dual baseline search for muon antineutrino disappearance at $0.1 \hat{\epsilon} \% \hat{\epsilon} \% e \nu^2 < \hat{\nu}^2 < 100 \hat{\epsilon} \% \hat{\epsilon} \% e \nu^2$. Physical Review D, 2012, 86, .	1.6	64
88	Improved constraints on neutrino mixing from the T2K experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow}> \langle \text{mml:mn}> 3.13 \langle \text{mml:mn}> \langle \text{mml:mo}> \hat{\nu} \langle \text{mml:mo}> \langle \text{mml:mSup}> \langle \text{mml:mrow}> \langle \text{mml:mn}> 10 \langle \text{mml:mn}> \langle$ on target. Physical Review D, 2021, 103, .	1.6	64
89	Measurement of the production cross-section of positive pions in p + Al collisions at. Nuclear Physics B, 2006, 732, 1-45.	0.9	63
90	Search for nucleon decay into charged antilepton plus meson in Super-Kamiokande I and II. Physical Review D, 2012, 85, .	1.6	60

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91	Limits on the Neutrino Magnetic Moment using 1496 Days of Super-Kamiokande-I Solar Neutrino Data. Physical Review Letters, 2004, 93, 021802.	2.9	59
92	Measurement of single $\bar{\nu}_e$ 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.	1.5	59
93	Test of Lorentz invariance with atmospheric neutrinos. Physical Review D, 2015, 91, .	1.6	56
94	High-speed charge-to-time converter ASIC for the Super-Kamiokande detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 710-717.	0.7	54
95	Search for $\bar{\nu}_e$ from the Sun at Super-Kamiokande-I. Physical Review Letters, 2003, 90, 171302.	2.9	51
96	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. Physical Review D, 2003, 68, .	1.6	51
97	NUISANCE: a neutrino cross-section generator tuning and comparison framework. Journal of Instrumentation, 2017, 12, P01016-P01016.	0.5	51
98	Search for Electron Neutrino Appearance in a 250 km Long-Baseline Experiment. Physical Review Letters, 2004, 93, 051801.	2.9	50
99	Study of TeV neutrinos with upward showering muons in Super-Kamiokande. Astroparticle Physics, 2008, 29, 42-54.	1.9	50
100	Search for Boosted Dark Matter Interacting with Electrons in Super-Kamiokande. Physical Review Letters, 2018, 120, 221301.	2.9	49
101	Search for nucleon decay via $\bar{\nu}_e$ and $\bar{\nu}_\mu$. Physical Review Letters, 2006, 96, 181801.	1.6	48
102	Search for proton decay via $\bar{\nu}_e$ and $\bar{\nu}_\mu$. Physical Review Letters, 2006, 96, 181801.	1.6	48
103	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	1.6	46
104	Improved Search for $\bar{\nu}_e$ Oscillation in a Long-Baseline Accelerator Experiment. Physical Review Letters, 2006, 96, 181801.	2.9	45
105	Design, construction, and operation of SciFi tracking detector for K2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 165-176.	0.7	44
106	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	2.9	44
107	Measurement of the quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	1.6	44
108	First gadolinium loading to Super-Kamiokande. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1027, 166248.	0.7	41

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109	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D 87, 012001 (2013)]. Physical Review D, 2013, 87, .	1.6	40
110	Diffuse supernova neutrino background search at Super-Kamiokande. Physical Review D, 2021, 104, .	1.6	40
111	Measurement of single charged pion production in the charged-current interactions of neutrinos in a 1.3 GeV wide band beam. Physical Review D, 2008, 78, .	1.6	39
112	Large-scale anisotropy of the cosmic-ray muon flux in Kamiokande. Physical Review D, 1997, 56, 23-26.	1.6	38
113	The K2K SciBar detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 147-151.	0.7	38
114	Measurement of the inclusive $\langle \sigma_{\text{charged}} \rangle$ current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	1.6	38
115	Atmospheric neutrino oscillation analysis with improved event reconstruction in Super-Kamiokande IV. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	38
116	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. Astrophysical Journal, 2002, 578, 317-324.	1.6	37
117	First measurement of radioactive isotope production through cosmic-ray muon spallation in Super-Kamiokande IV. Physical Review D, 2016, 93, .	1.6	37
118	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	1.6	37
119	Measurement of the inclusive $\langle \sigma_{\text{charged}} \rangle$ current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	1.6	36
120	Search for neutral Q-balls in Super-Kamiokande II. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 18-22.	1.5	34
121	Sensitivity of Super-Kamiokande with Gadolinium to Low Energy Antineutrinos from Pre-supernova Emission. Astrophysical Journal, 2019, 885, 133.	1.6	34
122	The NEUT neutrino interaction simulation program library. European Physical Journal: Special Topics, 2021, 230, 4469-4481.	1.2	34
123	^{16}N as a calibration source for Super-Kamiokande. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 458, 638-649.	0.7	33
124	Measurement of inclusive neutral current $\langle \sigma_{\text{production}} \rangle$ on carbon in a few-GeV neutrino beam. Physical Review D, 2010, 81, .	1.6	33
125	Improved measurement of neutral current coherent $\langle \sigma_{\text{production}} \rangle$ on carbon in a few-GeV neutrino beam. Physical Review D, 2010, 81, .	1.6	33
126	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, .	1.6	33

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127	Commissioning of the New Electronics and Online System for the Super-Kamiokande Experiment. IEEE Transactions on Nuclear Science, 2010, 57, 428-432.	1.2	32
128	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	1.8	32
129	Search for dinucleon decay into pions at Super-Kamiokande. Physical Review D, 2015, 91, .	1.6	32
130	SEARCH FOR NEUTRINOS IN SUPER-KAMIOKANDE ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226. Astrophysical Journal Letters, 2016, 830, L11.	3.0	32
131	Testing charged current quasi-elastic and multinucleon interaction models in the NEUT neutrino interaction generator with published datasets from the MiniBooNE and MINERνA experiments. Physical Review D, 2016, 93, .	1.6	32
132	Measurement of the tau neutrino cross section in atmospheric neutrino oscillations with Super-Kamiokande. Physical Review D, 2018, 98, .	1.6	32
133	Search for proton decay via $p \rightarrow \pi^0 e^+ \nu_e$ at Super-Kamiokande I, II, and III. Physical Review D, 2012, 86, .	1.6	31
134	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	2.9	31
135	Near muon range detector for the K2K experiment—construction and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 482, 244-253.	0.7	30
136	Search for Neutrinos in Super-Kamiokande Associated with the GW170817 Neutron-star Merger. Astrophysical Journal Letters, 2018, 857, L4.	3.0	30
137	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	1.6	29
138	T2K at J-PARC. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 269-276.	0.5	28
139	Search for nucleon decay into charged antilepton plus meson in $p \rightarrow \pi^0 e^+ \nu_e$ exposure of the Super-Kamiokande water Cherenkov detector. Physical Review D, 2017, 96, .	1.6	27
140	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	1.6	26
141	Search for Nucleon and Dinucleon Decays with an Invisible Particle and a Charged Lepton in the Final State at the Super-Kamiokande Experiment. Physical Review Letters, 2015, 115, 121803.	2.9	26
142	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. Physical Review D, 2009, 79, .	1.6	25
143	Search for GUT monopoles at Super-Kamiokande. Astroparticle Physics, 2012, 36, 131-136.	1.9	25
144	Using world n -nucleus scattering data to constrain an intranuclear cascade model. Physical Review D, 2019, 99, .	1.6	25

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145	Search for Dinucleon Decay into Kaons in Super-Kamiokande. <i>Physical Review Letters</i> , 2014, 112, 131803.	2.9	24
146	Measurement of Coherent $\bar{\nu}_e$ Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016, 117, 192501.	2.9	24
147	Towards a unified model of neutrino-nucleus reactions for neutrino oscillation experiments. <i>Reports on Progress in Physics</i> , 2017, 80, 056301.	8.1	24
148	Simultaneous measurement of the muon neutrino charged-current cross section on oxygen and carbon without pions in the final state at T2K. <i>Physical Review D</i> , 2020, 101, .	1.6	24
149	Updated T2K measurements of muon neutrino and antineutrino disappearance using $\bar{\nu}_e$ protons on target. <i>Physical Review D</i> , 2017, 96, .	1.6	23
150	Measurement of inclusive double-differential $\hat{1}/2\hat{1}/4$ charged-current cross section with improved acceptance in the T2K off-axis near detector. <i>Physical Review D</i> , 2018, 98, .	1.6	23
151	High-Energy Neutrino Astronomy Using Upward-Going Muons in Super-Kamiokande I. <i>Astrophysical Journal</i> , 2006, 652, 198-205.	1.6	22
152	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295 km. <i>Physical Review D</i> , 2019, 99, .	1.6	22
153	Comparison of validation methods of simulations for final state interactions in hadron production experiments. <i>Physical Review D</i> , 2021, 104, .	1.6	22
154	First combined measurement of the muon neutrino and antineutrino charged-current cross section without pions in the final state at T2K. <i>Physical Review D</i> , 2020, 101, .	1.6	21
155	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation rays. <i>Physical Review D</i> , 2014, 90, .	1.6	20
156	Prospects of very long baseline neutrino oscillation experiments with the KEK-JAERI high intensity proton accelerator. <i>Physical Review D</i> , 2003, 67, .	1.6	19
157	Search for Trilepton Nucleon Decay via $\hat{1}/2\hat{1}/4$ charged-current cross section. <i>Physical Review D</i> , 2017, 95, .	2.9	19
158	Search for Lorentz and C violation using sidereal time dependence of neutrino flavor transitions over a short baseline. <i>Physical Review D</i> , 2017, 95, .	1.6	19
159	Indirect search for dark matter from the Galactic Center and halo with the Super-Kamiokande detector. <i>Physical Review D</i> , 2020, 102, .	1.6	19
160	Measurement of K^+ production cross section by 8 GeV protons using high-energy neutrino interactions in the SciBooNE detector. <i>Physical Review D</i> , 2011, 84, .	1.6	17
161	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.	1.6	16
162	Study of neutron background in the atmospheric neutrino sample in Kamiokande. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 388, 397-401.	1.5	15

#	ARTICLE	IF	CITATIONS
163	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. Physical Review D, 2008, 77, .	1.6	15
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