

Yoshinari Hayato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6550889/publications.pdf>

Version: 2024-02-01

242
papers

35,976
citations

8755

75
h-index

3034

188
g-index

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, .	4.7	5,390
2	Evidence for Oscillation of Atmospheric Neutrinos. Physical Review Letters, 1998, 81, 1562-1567.	7.8	4,064
3	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	3,177
4	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054
5	Solar and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. Physical Review Letters, 2001, 86, 5651-5655.	7.8	894
6	Indications of Neutrino Oscillation in a 250 km Long-Baseline Experiment. Physical Review Letters, 2003, 90, 041801.	7.8	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.	1.6	696
8	Solar Neutrino Data Covering Solar Cycle 22. Physical Review Letters, 1996, 77, 1683-1686.	7.8	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.	4.1	657
10	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. Physical Review D, 2005, 71, .	4.7	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.	4.1	625
12	Tau Neutrinos Favored over Sterile Neutrinos in Atmospheric Muon Neutrino Oscillations. Physical Review Letters, 2000, 85, 3999-4003.	7.8	609
13	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
14	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. Physical Review Letters, 2001, 86, 5656-5660.	7.8	579
15	Measurements of the Solar Neutrino Flux from Super-Kamiokande's First 300 Days. Physical Review Letters, 1998, 81, 1158-1162.	7.8	557
16	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. Physical Review Letters, 2004, 93, 101801.	7.8	538
17	Measurement of neutrino oscillation by the K2K experiment. Physical Review D, 2006, 74, .	4.7	498
18	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

#	ARTICLE	IF	CITATIONS
19	Measurement of a small atmospheric $\hat{\nu}_{\mu} \hat{\nu}_{\tau} / \hat{\nu}_{\mu} \hat{\nu}_{\tau} e$ ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 9-18.	4.1	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.	4.1	416
21	Solar neutrino measurements in Super-Kamiokande-I. Physical Review D, 2006, 73, .	4.7	390
22	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. Physical Review Letters, 2005, 94, 081802.	7.8	375
23	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	7.8	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.	7.8	332
25	Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering. Physical Review Letters, 1999, 82, 2430-2434.	7.8	318
26	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	27.8	313
27	Solar neutrino results in Super-Kamiokande-III. Physical Review D, 2011, 83, .	4.7	285
28	Solar neutrino measurements in Super-Kamiokande-II. Physical Review D, 2008, 78, .	4.7	258
29	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. Physical Review D, 2004, 70, .	4.7	231
30	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. Physical Review D, 2010, 81, .	4.7	210
31	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 6.6 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Å} \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ on target. Physical Review D, 2015, 91, .	4.7	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.	7.8	192
33	Solar neutrino measurements in Super-Kamiokande-IV. Physical Review D, 2016, 94, .	4.7	187
34	Search for Supernova Relic Neutrinos at Super-Kamiokande. Physical Review Letters, 2003, 90, 061101.	7.8	181
35	Detection of accelerator-produced neutrinos at a distance of 250 Åkm. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 178-184.	4.1	176
36	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. Physical Review D, 2004, 69, .	4.7	172

#	ARTICLE	IF	CITATIONS
55	Search for Proton Decay via $p \rightarrow e \pi^+ \bar{\nu}_\mu$ in a Large Water Cherenkov Detector. Physical Review Letters, 2000, 102, 141801.	7.8	109
56	Progress and open questions in the physics of neutrino cross sections at intermediate energies. New Journal of Physics, 2014, 16, 075015.	2.9	107
57	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. Physical Review Letters, 2005, 95, 252301.	7.8	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.	1.6	101
59	Search for Proton Decay through $p \rightarrow e \pi^+ \bar{\nu}_\mu$ in a Large Water Cherenkov Detector. Physical Review Letters, 1999, 83, 1529-1533.	7.8	100
60	Supernova Relic Neutrino search with neutron tagging at Super-Kamiokande-IV. Astroparticle Physics, 2015, 60, 41-46.	4.3	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.	1.6	97
62	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. Physical Review Letters, 2006, 97, 171801.	7.8	96
63	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\bar{\nu}_\mu \rightarrow \nu_\mu$ interactions at the far detector. Physical Review D, 2017, 96, .	4.7	95
64	Measurement of the inclusive $\bar{\nu}_\mu \rightarrow \nu_\mu$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	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.	1.6	86
66	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. Physical Review D, 2005, 72, .	4.7	82
67	Measurement of inclusive charged current interactions on carbon in a few-GeV neutrino beam. Physical Review D, 2011, 83, .	4.7	81
68	Limits on sterile neutrino mixing using atmospheric neutrinos in Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	80
69	Observation of the East-West Anisotropy of the Atmospheric Neutrino Flux. Physical Review Letters, 1999, 82, 5194-5197.	7.8	79
70	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	7.8	79
71	Evidence for the Appearance of Atmospheric Tau Neutrinos in Super-Kamiokande. Physical Review Letters, 2013, 110, 181802.	7.8	78
72	Search for proton decay via $p \rightarrow e \pi^+ \bar{\nu}_\mu$ in Super-Kamiokande. Physical Review D, 2014, 90, .	4.7	78

#	ARTICLE	IF	CITATIONS
73	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\nu} \langle \text{mml:mo} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\nu} \langle \text{mml:mo} \rangle \langle \text{mml:mover stretchy="false" \rangle \hat{\nu} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ oscillation in Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	78
74	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	4.7	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, .	4.7	77
76	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	77
77	First Indication of Terrestrial Matter Effects on Solar Neutrino Oscillation. Physical Review Letters, 2014, 112, 091805.	7.8	76
78	Measurements of the atmospheric neutrino flux by Super-Kamiokande: Energy spectra, geomagnetic effects, and solar modulation. Physical Review D, 2016, 94, .	4.7	73
79	Search for charged current coherent pion production on carbon in a few-GeV neutrino beam. Physical Review D, 2008, 78, .	4.7	72
80	Study of nonstandard neutrino interactions with atmospheric neutrino data in Super-Kamiokande I and II. Physical Review D, 2011, 84, .	4.7	72
81	Dual baseline search for muon neutrino disappearance at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:m} \rangle n > 0.5 \langle \text{mml:m} \rangle \langle \text{mml:mtex} \rangle \hat{\nu} \langle \text{mml:mtex} \rangle \langle \text{mml:mtex} \rangle \hat{\nu} \langle \text{mml:mtex} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \nu$ Physical Review D, 2012, 85, .	4.7	71
82	First study of neutron tagging with a water Cherenkov detector. Astroparticle Physics, 2009, 31, 320-328.	4.3	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, .	4.7	67
84	Search for Differences in Oscillation Parameters for Atmospheric Neutrinos and Antineutrinos at Super-Kamiokande. Physical Review Letters, 2011, 107, 241801.	7.8	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, .	4.7	66
86	Real-time supernova neutrino burst monitor at Super-Kamiokande. Astroparticle Physics, 2016, 81, 39-48.	4.3	65
87	Dual baseline search for muon antineutrino disappearance at $0.1 \text{ eV}^2 < \hat{m}^2 < 100 \text{ eV}^2$. Physical Review D, 2012, 86, .	4.7	64
88	Improved constraints on neutrino mixing from the T2K experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:m} \rangle n > 3.13 \langle \text{mml:m} \rangle \langle \text{mml:mo} \rangle \hat{\nu} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:m} \rangle n > 10 \langle \text{mml:m} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \nu$ on target. Physical Review D, 2021, 103, .	4.7	64
89	Measurement of the production cross-section of positive pions in p+Al collisions at. Nuclear Physics B, 2006, 732, 1-45.	2.5	63
90	Search for nucleon decay into charged antilepton plus meson in Super-Kamiokande I and II. Physical Review D, 2012, 85, .	4.7	60

#	ARTICLE	IF	CITATIONS
91	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
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.	4.1	59
93	Test of Lorentz invariance with atmospheric neutrinos. Physical Review D, 2015, 91, .	4.7	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.	1.6	54
95	Search for $\bar{\nu}_e$ from the Sun at Super-Kamiokande-I. Physical Review Letters, 2003, 90, 171302.	7.8	51
96	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. Physical Review D, 2003, 68, .	4.7	51
97	NUISANCE: a neutrino cross-section generator tuning and comparison framework. Journal of Instrumentation, 2017, 12, P01016-P01016.	1.2	51
98	Search for Electron Neutrino Appearance in a 250 km Long-Baseline Experiment. Physical Review Letters, 2004, 93, 051801.	7.8	50
99	Study of TeV neutrinos with upward showering muons in Super-Kamiokande. Astroparticle Physics, 2008, 29, 42-54.	4.3	50
100	Search for Boosted Dark Matter Interacting with Electrons in Super-Kamiokande. Physical Review Letters, 2018, 120, 221301.	7.8	49
101	Search for nucleon decay via $\bar{\nu}_e$ and $\bar{\nu}_\mu$. Physical Review Letters, 2004, 93, 051801.	7.8	48
102	Search for proton decay via $\bar{\nu}_e$ and $\bar{\nu}_\mu$. Physical Review Letters, 2004, 93, 051801.	4.7	48
103	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	4.7	46
104	Improved Search for $\bar{\nu}_e$ Oscillation in a Long-Baseline Accelerator Experiment. Physical Review Letters, 2006, 96, 181801.	7.8	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.	1.6	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.	7.8	44
107	Measurement of the quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	4.7	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.	1.6	41

#	ARTICLE	IF	CITATIONS
109	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D 87, 012001 (2013)]. Physical Review D, 2013, 87, .	4.7	40
110	Diffuse supernova neutrino background search at Super-Kamiokande. Physical Review D, 2021, 104, .	4.7	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, .	4.7	39
112	Large-scale anisotropy of the cosmic-ray muon flux in Kamiokande. Physical Review D, 1997, 56, 23-26.	4.7	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.	1.6	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, .	4.7	38
115	Atmospheric neutrino oscillation analysis with improved event reconstruction in Super-Kamiokande IV. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	38
116	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. Astrophysical Journal, 2002, 578, 317-324.	4.5	37
117	First measurement of radioactive isotope production through cosmic-ray muon spallation in Super-Kamiokande IV. Physical Review D, 2016, 93, .	4.7	37
118	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	4.5	37
119	Measurement of the $\langle \sigma_{\text{charged}} \rangle$ current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	4.7	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.	4.1	34
121	Sensitivity of Super-Kamiokande with Gadolinium to Low Energy Antineutrinos from Pre-supernova Emission. Astrophysical Journal, 2019, 885, 133.	4.5	34
122	The NEUT neutrino interaction simulation program library. European Physical Journal: Special Topics, 2021, 230, 4469-4481.	2.6	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.	1.6	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, .	4.7	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, .	4.7	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, .	4.7	33

#	ARTICLE	IF	CITATIONS
127	Commissioning of the New Electronics and Online System for the Super-Kamiokande Experiment. IEEE Transactions on Nuclear Science, 2010, 57, 428-432.	2.0	32
128	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	32
129	Search for dinucleon decay into pions at Super-Kamiokande. Physical Review D, 2015, 91, .	4.7	32
130	SEARCH FOR NEUTRINOS IN SUPER-KAMIOKANDE ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226. Astrophysical Journal Letters, 2016, 830, L11.	8.3	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, .	4.7	32
132	Measurement of the tau neutrino cross section in atmospheric neutrino oscillations with Super-Kamiokande. Physical Review D, 2018, 98, .	4.7	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, .	4.7	31
134	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	7.8	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.	1.6	30
136	Search for Neutrinos in Super-Kamiokande Associated with the GW170817 Neutron-star Merger. Astrophysical Journal Letters, 2018, 857, L4.	8.3	30
137	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	4.5	29
138	T2K at J-PARC. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 269-276.	0.4	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, .	4.7	27
140	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	4.7	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.	7.8	26
142	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. Physical Review D, 2009, 79, .	4.7	25
143	Search for GUT monopoles at Super-Kamiokande. Astroparticle Physics, 2012, 36, 131-136.	4.3	25
144	Using world n -nucleus scattering data to constrain an intranuclear cascade model. Physical Review D, 2019, 99, .	4.7	25

#	ARTICLE	IF	CITATIONS
163	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. Physical Review D, 2008, 77, .	4.7	15
164	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2019, 100, .	4.7	15
165	$\langle \text{mml:msub} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \hat{I}^{1/2} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \hat{I}^{1/4} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{I}^{1/2} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{I}^{1/4} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ charged-current inclusive interactions on water using a nuclear emulsion detector. Physical Review D, 2019, 100, .	4.7	15
166	Neutron-antineutron oscillation search using a 0.37 megaton-years exposure of Super-Kamiokande. Physical Review D, 2021, 103, .	4.7	15
167	Search for short baseline $\hat{I}^{1/2}$ disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14
168	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \hat{A} \hat{E} \hat{C} \hat{A} \hat{G} \hat{e} \hat{V}$ with the T2K INGRID detector. Physical Review D, 2016, 93, .	4.7	14
169	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
170	Measurement of inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ production in the charged-current interactions of neutrinos in a 1.3-GeV wide band beam. Physical Review D, 2011, 83, .	4.7	13
171	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	7.8	13
172	Particle identification algorithms for the HARP forward spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 899-921.	1.6	12
173	Measurement of the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande. Physical Review D, 2019, 99, .	4.7	12
174	Tracking performance of the scintillating fiber detector in the K2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 497, 450-466.	1.6	11
175	Photon emission in neutral current interactions at the T2K experiment. Physical Review D, 2015, 92, .	4.7	11
176	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{I} f \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{ABS} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{I} f \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{CX} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ carbon by the Dual Use Experiment at TRIUMF (DUET). Physical Review C, 2017, 95, .	4.7	11
177	T2K measurements of muon neutrino and antineutrino disappearance using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3.13 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{A} \text{---} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ protons on target. Physical Review D, 2021, 103, .	4.7	11
178	Comparisons and challenges of modern neutrino-scattering experiments. Physical Review D, 2022, 105, .	4.7	11
179	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ detector. Physical Review D, 2015, 91, .	4.7	10
180	Search for neutral-current induced single photon production at the ND280 near detector in T2K. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 08LT01.	3.6	10

#	ARTICLE	IF	CITATIONS
181	Experimental study of the atmospheric neutrino backgrounds for μ^+ searches in water Cherenkov detectors. <i>Physical Review D</i> , 2008, 77, .	4.7	9
182	Measurement of absorption and charge exchange of μ^+ on carbon. <i>Physical Review C</i> , 2015, 92, .	2.9	9
183	Measurement of $\hat{1}/2\hat{1}/4$ and $\hat{1}/2\hat{1}/4$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. <i>Physical Review D</i> , 2017, 96, .	4.7	9
184	Measurement of the muon neutrino charged-current single μ^+ production on hydrocarbon using the T2K off-axis near detector ND280. <i>Physical Review D</i> , 2020, 101, .	4.7	9
185	Search for proton decay into three charged leptons in 0.37 megaton-years exposure of the Super-Kamiokande. <i>Physical Review D</i> , 2020, 101, .	4.7	9
186	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. <i>Astrophysical Journal</i> , 2009, 697, 730-734.	4.5	8
187	First neutrino event detection with nuclear emulsion at J-PARC neutrino beamline. <i>Progress of Theoretical and Experimental Physics</i> , 2017, 2017, .	6.6	8
188	Measurement of the muon neutrino charged-current cross sections on water, hydrocarbon and iron, and their ratios, with the T2K on-axis detectors. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	6.6	8
189	Design, construction, and initial performance of SciBar detector in K2K experiment. <i>IEEE Transactions on Nuclear Science</i> , 2005, 52, 2992-2997.	2.0	7
190	Development of New Front-End Electronics for Super-Kamiokande. , 2007, , .		7
191	The development of a hybrid photo-detector (HPD) for the Hyper-Kamiokande project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 303-305.	1.6	7
192	First demonstration of an emulsion multi-stage shifter for accelerator neutrino experiments in J-PARC T60. <i>Progress of Theoretical and Experimental Physics</i> , 2017, 2017, .	6.6	7
193	First measurement of the charged current $\hat{1}/2$ double differential cross section on a water target without pions in the final state. <i>Physical Review D</i> , 2020, .	4.7	7
194	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- μ^+ production channel containing at least one proton. <i>Physical Review D</i> , 2021, 103, .	4.7	7
195	The new front-end electronics for the Super-Kamiokande experiment. , 2007, , .		6
196	Toward construction of the unified lepton-nucleus interaction model from a few hundred MeV to GeV region. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	6
197	Search for an Excess of Events in the Super-Kamiokande Detector in the Directions of the Astrophysical Neutrinos Reported by the IceCube Collaboration. <i>Astrophysical Journal</i> , 2017, 850, 166.	4.5	6
198	Search for Astronomical Neutrinos from Blazar TXS 0506+056 in Super-Kamiokande. <i>Astrophysical Journal Letters</i> , 2019, 887, L6.	8.3	6

#	ARTICLE	IF	CITATIONS
199	Measurements of $\langle \hat{1}/2 \rangle$ and $\langle \hat{1}/4 \rangle$ charged-current cross-sections without detected pions or protons on water and hydrocarbon at a mean anti-neutrino energy of 0.86 GeV. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	6
200	Search for solar electron anti-neutrinos due to spin-flavor precession in the Sun with Super-Kamiokande-IV. Astroparticle Physics, 2022, 139, 102702.	4.3	6
201	Super-Kamiokande: status and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 86-95.	1.6	5
202	Solid Target Studies for Muon Colliders and Neutrino Beams. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 288-290.	0.4	5
203	First measurement using a nuclear emulsion detector of the $\hat{1}/2 \hat{1}/4$ charged-current cross section on iron around the 1AGeV energy region. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	5
204	Status of the Super-Kamiokande and the K2K experiment. European Physical Journal C, 2004, 33, s829-s833.	3.9	4
205	A High-Power Target Experiment. , 0, , .		4
206	New large aperture, hybrid photo-detector and photo multiplier tube for a gigantic water Cherenkov ring imaging detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 152-155.	1.6	4
207	Water/CH Neutrino Cross Section Measurement at J-PARC (WAGASCI Experiment). , 2015, , .		4
208	The new experiment WAGASCI for water to hydrocarbon neutrino cross section measurement using the J-PARC beam. Journal of Physics: Conference Series, 2016, 675, 012030.	0.4	4
209	Measurement of the single $\hat{1}0$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	4.7	4
210	Secondary beam production in the nuclear and particle physics facility in J-PARC. Journal of Nuclear Materials, 2005, 343, 27-32.	2.7	3
211	J-PARC and the T2K experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 147, 9-15.	0.4	3
212	Event Generator Comparisons. Nuclear Physics, Section B, Proceedings Supplements, 2005, 139, 278-285.	0.4	3
213	Development of New Data Acquisition Electronics for the Large Water Cherenkov Detector. , 2006, , .		3
214	The Development of the New Data Acquisition System Without Hardware Trigger for the Super-Kamiokande Experiment. IEEE Transactions on Nuclear Science, 2008, 55, 683-686.	2.0	3
215	Future long-baseline neutrino oscillations: View from Asia. AIP Conference Proceedings, 2015, , .	0.4	3
216	The path forward: Monte Carlo Convergence discussion. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
217	Recent Results from the T2K Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 246-247, 23-28.	0.4	2
218	Upper bound on neutrino mass based on T2K neutrino timing measurements. Physical Review D, 2016, 93, .	4.7	2
219	Signal Digitizer based on FPGA TDC for Hyper-Kamiokande experiment. , 2018, , .		2
220	Post-Irradiation Properties of Candidate Materials for High-Power Targets. , 0, , .		1
221	Commissioning of the new electronics and online system for the Super-Kamiokande experiment. , 2009, , .		1
222	Development of New Data Acquisition System at Super-Kamiokande for Nearby Supernova Bursts. IEEE Transactions on Nuclear Science, 2013, 60, 3694-3697.	2.0	1
223	Development of Frontend Electronics for Hyper-Kamiokande Experiment. , 2019, , .		1
224	Recent results from the K2K experiment. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 18-23.	0.4	0
225	New online system without hardware trigger for the Super-Kamiokande experiment. , 2007, , .		0
226	The Development of the new Data Acquisition System without Hardware Trigger for the Super-Kamiokande Experiment. , 2007, , .		0
227	Commissioning of the new online system for the Super-Kamiokande experiment. , 2008, , .		0
228	Measurement system of light curves from nearby supernova bursts for the Super-Kamiokande experiment. , 2010, , .		0
229	Development of new data acquisition system at Super-Kamiokande for nearby supernova bursts. , 2012, , .		0
230	Development of New Data Acquisition System for Nearby Supernova Bursts at Super-Kamiokande. Physics Procedia, 2012, 37, 1398-1405.	1.2	0
231	Development and measurement of new large-aperture photodetectors for Hyper-Kamiokande. , 2013, , .		0
232	Time link calibration using two mobile TWSTFT stations for T2K experiment. , 2014, , .		0
233	The beamline DAQ system for the T2K experiment. , 2014, , .		0
234	Developement of Hybrid Photo-detectors for the Hyper-Kamiokande Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 253-255, 208-209.	0.4	0

#	ARTICLE	IF	CITATIONS
235	Development of new data acquisition system at Super-Kamiokande for nearby supernova bursts. , 2014, , .		0
236	Discussion: Confronting theory and experiment. AIP Conference Proceedings, 2015, , .	0.4	0
237	Brief introduction of the neutrino event generators. AIP Conference Proceedings, 2015, , .	0.4	0
238	The Beamline DAQ System for the T2K Experiment. IEEE Transactions on Nuclear Science, 2015, 62, 1169-1174.	2.0	0
239	Development of a neutrino detector and electronics for precise measurement of neutrino cross-section ratios. , 2017, , .		0
240	Recent Results from the K2K experiment. , 2003, , 18-23.		0
241	NEUTRINO INTERACTIONS AT K2K. , 2005, , .		0
242	A Clock Synchronization System for Large Volume with Sub-ns Resolution Designed for Hyper-Kamiokande Experiment. , 2020, , .		0