

Yoshinari Hayato

List of Publications by Year in descending order

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242
papers

35,976
citations

8732

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188
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244
all docs

244
docs citations

244
times ranked

16046
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Search for solar electron anti-neutrinos due to spin-flavor precession in the Sun with Super-Kamiokande-IV. Astroparticle Physics, 2022, 139, 102702.	1.9	6
3	Comparisons and challenges of modern neutrino-scattering experiments. Physical Review D, 2022, 105, .	1.6	11
4	T2K measurements of muon neutrino and antineutrino disappearance using 3.13×10^{11} protons on target. Physical Review D, 2021, 103, .	1.6	11
5	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, .	1.8	5
6	Measurements of $\langle i \rangle \hat{1}/2 \dots \langle i \rangle \hat{1}/4 \langle i \rangle$ and $\langle i \rangle \hat{1}/2 \dots \langle i \rangle \hat{1}/4 \langle i \rangle + \langle i \rangle \hat{1}/2 \langle i \rangle \langle i \rangle \hat{1}/4 \langle i \rangle$ 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, .	1.8	6
7	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- $\tilde{\epsilon}$ production channel containing at least one proton. Physical Review D, 2021, 103, .	1.6	7
8	Improved constraints on neutrino mixing from the T2K experiment with 3.13×10^{11} on target. Physical Review D, 2021, 103, .	1.6	64
9	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	1.6	37
10	Comparison of validation methods of simulations for final state interactions in hadron production experiments. Physical Review D, 2021, 104, .	1.6	22
11	Neutron-antineutron oscillation search using a 0.37 megaton-years exposure of Super-Kamiokande. Physical Review D, 2021, 103, .	1.6	15
12	The NEUT neutrino interaction simulation program library. European Physical Journal: Special Topics, 2021, 230, 4469-4481.	1.2	34
13	Diffuse supernova neutrino background search at Super-Kamiokande. Physical Review D, 2021, 104, .	1.6	40
14	First measurement of \hat{A}^{-} and \hat{A}^{-} charged-current inclusive interactions on water using a nuclear emulsion detector. Physical Review	1.6	15
15	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
16	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.	1.6	14
17	First measurement of the charged current \hat{A}^{-} double differential cross section on a water target without pions in the final state. Physical Review D, 2020, 102, .	1.6	7
18	Indirect search for dark matter from the Galactic Center and halo with the Super-Kamiokande detector. Physical Review D, 2020, 102, .	1.6	19

#	ARTICLE	IF	CITATIONS
19	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	2.9	13
20	First combined measurement of the muon neutrino and antineutrino charged-current cross section without pions in the final state at T2K. Physical Review D, 2020, 101, .	1.6	21
21	Simultaneous measurement of the muon neutrino charged-current cross section on oxygen and carbon without pions in the final state at T2K. Physical Review D, 2020, 101, .	1.6	24
22	Measurement of the muon neutrino charged-current single $\bar{\nu}_e$ production on hydrocarbon using the T2K off-axis near detector ND280. Physical Review D, 2020, 101, .	1.6	9
23	Search for proton decay into three charged leptons in 0.37 megaton-years exposure of the Super-Kamiokande. Physical Review D, 2020, 101, .	1.6	9
24	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	13.7	313
25	Search for proton decay via $p \rightarrow e \bar{\nu}_e \nu_\mu$ and $p \rightarrow \mu \bar{\nu}_e \nu_\tau$. Physical Review D, 2020, 101, .	1.6	48
26	A Clock Synchronization System for Large Volume with Sub-ns Resolution Designed for Hyper-Kamiokande Experiment. , 2020, , .		0
27	Atmospheric neutrino oscillation analysis with improved event reconstruction in Super-Kamiokande IV. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	38
28	Using world $\bar{\nu}_e$ -nucleus scattering data to constrain an intranuclear cascade model. Physical Review D, 2019, 99, .	1.6	25
29	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.	1.4	10
30	Measurement of the muon neutrino charged-current cross sections on water, hydrocarbon and iron, and their ratios, with the T2K on-axis detectors. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	8
31	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	1.6	46
32	Measurement of the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande. Physical Review D, 2019, 99, .	1.6	12
33	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295 km. Physical Review D, 2019, 99, .	1.6	22
34	Development of Frontend Electronics for Hyper-Kamiokande Experiment. , 2019, , .		1
35	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation γ rays. Physical Review D, 2019, 100, .	1.6	15
36	Sensitivity of Super-Kamiokande with Gadolinium to Low Energy Antineutrinos from Pre-supernova Emission. Astrophysical Journal, 2019, 885, 133.	1.6	34

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73	Measurement of double-differential muon neutrino charged-current interactions on C8H8 without pions in the final state using the T2K off-axis beam. Physical Review D, 2016, 93, .	1.6	77
74	Measurement of Coherent $\bar{\nu}_e$ Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	2.9	24
75	Real-time supernova neutrino burst monitor at Super-Kamiokande. Astroparticle Physics, 2016, 81, 39-48.	1.9	65
76	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	1.8	32
77	Search for dinucleon decay into pions at Super-Kamiokande. Physical Review D, 2015, 91, .	1.6	32
78	Photon emission in neutral current interactions at the T2K experiment. Physical Review D, 2015, 92, .	1.6	11
79	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
80	Measurement of absorption and charge exchange of $\bar{\nu}_e$ on carbon. Physical Review C, 2015, 92, .	1.1	9
81	Search for $\bar{\nu}_e$ oscillation in Super-Kamiokande. Physical Review D, 2015, 91, .	1.6	78
82	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\bar{\nu}_e$ on target. Physical Review D, 2015, 91, .	1.6	205
83	Measurement of the $\bar{\nu}_e$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	1.6	36
84	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector. Physical Review D, 2015, 91, .	1.6	10
85	Measurement of the $\bar{\nu}_e$ quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	1.6	11
86	Discussion: Confronting theory and experiment. AIP Conference Proceedings, 2015, , .	0.3	0
87	Future long-baseline neutrino oscillations: View from Asia. AIP Conference Proceedings, 2015, , .	0.3	3
88	Brief introduction of the neutrino event generators. AIP Conference Proceedings, 2015, , .	0.3	0
89	Water/CH Neutrino Cross Section Measurement at J-PARC (WAGASCI Experiment). , 2015, , .		4
90	Toward construction of the unified lepton-nucleus interaction model from a few hundred MeV to GeV region. AIP Conference Proceedings, 2015, , .	0.3	6

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109	Development of Hybrid Photo-detectors for the Hyper-Kamiokande Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 253-255, 208-209.	0.5	0
110	First Indication of Terrestrial Matter Effects on Solar Neutrino Oscillation. Physical Review Letters, 2014, 112, 091805.	2.9	76
111	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	2.9	369
112	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
113	Measurement of the inclusive $\langle \sigma_{\text{charged}} \rangle$ on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	1.6	38
114	Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801.	2.9	168
115	Recent Results from the T2K Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 246-247, 23-28.	0.5	2
116	Development of new data acquisition system at Super-Kamiokande for nearby supernova bursts. , 2014, , .		0
117	The development of a hybrid photo-detector (HPD) for the Hyper-Kamiokande project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 303-305.	0.7	7
118	Development of New Data Acquisition System at Super-Kamiokande for Nearby Supernova Bursts. IEEE Transactions on Nuclear Science, 2013, 60, 3694-3697.	1.2	1
119	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	1.6	165
120	Measurement of the inclusive $\langle \sigma_{\text{charged}} \rangle$ on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	1.6	94
121	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	2.9	79
122	Evidence for the Appearance of Atmospheric Tau Neutrinos in Super-Kamiokande. Physical Review Letters, 2013, 110, 181802.	2.9	78
123	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	1.6	116
124	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	1.6	40
125	Development and measurement of new large-aperture photodetectors for Hyper-Kamiokande. , 2013, , .		0
126	Dual baseline search for muon antineutrino disappearance at $0.1 \text{ eV}^2 < m^2 < 100 \text{ eV}^2$. Physical Review D, 2012, 86, .	1.6	64

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127	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	1.6	77
128	Dual baseline search for muon neutrino disappearance at $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mn} \rangle 0.5 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\epsilon} \% \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \hat{\epsilon} \% \langle \text{mml:mtext} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle eV \langle \text{mml:mtext} \rangle$ Physical Review D, 2012, 85, .	1.6	71
129	Search for proton decay via $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{+} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle l^{3/4} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold"} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ Super-Kamiokande I, II, and III. Physical Review D, 2012, 86, .	1.6	31
130	Supernova relic neutrino search at super-Kamiokande. Physical Review D, 2012, 85, .	1.6	146
131	Development of new data acquisition system at Super-Kamiokande for nearby supernova bursts. , 2012, , .		0
132	Search for GUT monopoles at Super-Kamiokande. Astroparticle Physics, 2012, 36, 131-136.	1.9	25
133	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
134	Development of New Data Acquisition System for Nearby Supernova Bursts at Super-Kamiokande. Physics Procedia, 2012, 37, 1398-1405.	1.2	0
135	Search for nucleon decay into charged antilepton plus meson in Super-Kamiokande I and II. Physical Review D, 2012, 85, .	1.6	60
136	Study of nonstandard neutrino interactions with atmospheric neutrino data in Super-Kamiokande I and II. Physical Review D, 2011, 84, .	1.6	72
137	Measurement of inclusive charged current interactions on carbon in a few-GeV neutrino beam. Physical Review D, 2011, 83, .	1.6	81
138	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
139	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	2.9	1,054
140	Solar neutrino results in Super-Kamiokande-III. Physical Review D, 2011, 83, .	1.6	285
141	Measurement of inclusive $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \bar{\nu} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ production in the charged-current interactions of neutrinos in a 1.3-GeV wide band beam. Physical Review D, 2011, 83, .	1.6	13
142	Measurement of K^+ production cross section by 8 GeV protons using high-energy neutrino interactions in the SciBooNE detector. Physical Review D, 2011, 84, .	1.6	17
143	Search for Differences in Oscillation Parameters for Atmospheric Neutrinos and Antineutrinos at Super-Kamiokande. Physical Review Letters, 2011, 107, 241801.	2.9	66
144	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

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145	Measurement of inclusive neutral current ν_e production on carbon in a few-GeV neutrino beam. Physical Review D, 2010, 81, .	1.6	33
146	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. Physical Review D, 2010, 81, .	1.6	210
147	Measurement system of light curves from nearby supernova bursts for the Super-Kamiokande experiment. , 2010, , .		0
148	Improved measurement of neutral current coherent ν_e production on carbon in a few-GeV neutrino beam. Physical Review D, 2010, 81, .	1.6	33
149	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
150	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	1.6	8
151	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	1.6	29
152	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. Physical Review D, 2009, 79, .	1.6	25
153	Search for Proton Decay via $p \rightarrow e \pi^+$ at a Large W. Physical Review Letters, 2009, 102, 141801.	2.9	109
154	The path forward: Monte Carlo Convergence discussion. , 2009, , .		2
155	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
156	First study of neutron tagging with a water Cherenkov detector. Astroparticle Physics, 2009, 31, 320-328.	1.9	70
157	Commissioning of the new electronics and online system for the Super-Kamiokande experiment. , 2009, , .		1
158	Study of TeV neutrinos with upward showering muons in Super-Kamiokande. Astroparticle Physics, 2008, 29, 42-54.	1.9	50
159	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.	1.2	3
160	Solar neutrino measurements in Super-Kamiokande-II. Physical Review D, 2008, 78, .	1.6	258
161	Experimental study of the atmospheric neutrino backgrounds for ν_e searches in water Cherenkov detectors. Physical Review D, 2008, 77, .	1.6	9
162	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. Physical Review D, 2008, 77, .	1.6	15

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163	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, .	1.6	39
164	Commissioning of the new online system for the Super-Kamiokande experiment. , 2008, , .		0
165	Search for charged current coherent pion production on carbon in a few-GeV neutrino beam. <i>Physical Review D</i> , 2008, 78, .	1.6	72
166	Development of New Front-End Electronics for Super-Kamiokande. , 2007, , .		7
167	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, .	1.6	134
168	New online system without hardware trigger for the Super-Kamiokande experiment. , 2007, , .		0
169	Search for Supernova Neutrino Bursts at Super-Kamiokande. <i>Astrophysical Journal</i> , 2007, 669, 519-524.	1.6	138
170	The new front-end electronics for the Super-Kamiokande experiment. , 2007, , .		6
171	The Development of the new Data Acquisition System without Hardware Trigger for the Super-Kamiokande Experiment. , 2007, , .		0
172	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.	1.5	34
173	Particle identification algorithms for the HARP forward spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 572, 899-921.	0.7	12
174	Measurement of neutrino oscillation by the K2K experiment. <i>Physical Review D</i> , 2006, 74, .	1.6	498
175	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. <i>Physical Review D</i> , 2006, 74, .	1.6	146
176	Measurement of the quasielastic axial vector mass in neutrino interactions on oxygen. <i>Physical Review D</i> , 2006, 74, .	1.6	143
177	Solar neutrino measurements in Super-Kamiokande-I. <i>Physical Review D</i> , 2006, 73, .	1.6	390
178	Measurement of the production cross-section of positive pions in $p\text{-}^{27}\text{Al}$ collisions at. <i>Nuclear Physics B</i> , 2006, 732, 1-45.	0.9	63
179	High-Energy Neutrino Astronomy Using Upward-Going Muons in Super-Kamiokande I. <i>Astrophysical Journal</i> , 2006, 652, 198-205.	1.6	22
180	Development of New Data Acquisition Electronics for the Large Water Cherenkov Detector. , 2006, , .		3

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181	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
182	Solid Target Studies for Muon Colliders and Neutrino Beams. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 155, 288-290.	0.5	5
183	Improved Search for ν_{τ} Oscillation in a Long-Baseline Accelerator Experiment. <i>Physical Review Letters</i> , 2006, 96, 181801.	2.9	45
184	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. <i>Physical Review Letters</i> , 2006, 97, 171801.	2.9	96
185	Secondary beam production in the nuclear and particle physics facility in J-PARC. <i>Journal of Nuclear Materials</i> , 2005, 343, 27-32.	1.3	3
186	T2K at J-PARC. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 143, 269-276.	0.5	28
187	J-PARC and the T2K experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 147, 9-15.	0.5	3
188	Measurement of single π^0 production in neutral current neutrino interactions with water by a 1.3 GeV wide band muon neutrino beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 619, 255-262.	1.5	59
189	Event Generator Comparisons. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 139, 278-285.	0.5	3
190	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. <i>Physical Review Letters</i> , 2005, 95, 252301.	2.9	106
191	Design, construction, and initial performance of SciBar detector in K2K experiment. <i>IEEE Transactions on Nuclear Science</i> , 2005, 52, 2992-2997.	1.2	7
192	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. <i>Physical Review D</i> , 2005, 71, .	1.6	640
193	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. <i>Physical Review D</i> , 2005, 72, .	1.6	82
194	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. <i>Physical Review Letters</i> , 2005, 94, 081802.	2.9	375
195	NEUTRINO INTERACTIONS AT K2K. , 2005, , .		0
196	Publisher's Note: Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande [Phys. Rev. D70, 083523 (2004)]. <i>Physical Review D</i> , 2004, 70, .	1.6	67
197	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. <i>Physical Review D</i> , 2004, 70, .	1.6	231
198	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. <i>Physical Review D</i> , 2004, 69, .	1.6	172

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199	Search for Electron Neutrino Appearance in a 250km Long-Baseline Experiment. Physical Review Letters, 2004, 93, 051801.	2.9	50
200	Status of the Super-Kamiokande and the K2K experiment. European Physical Journal C, 2004, 33, s829-s833.	1.4	4
201	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
202	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. Physical Review Letters, 2004, 93, 101801.	2.9	538
203	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
204	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
205	Recent results from the K2K experiment. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 18-23.	0.5	0
206	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.	0.7	11
207	Indications of Neutrino Oscillation in a 250km Long-Baseline Experiment. Physical Review Letters, 2003, 90, 041801.	2.9	763
208	Search for $\bar{\nu}_{\mu}$ from the Sun at Super-Kamiokande-I. Physical Review Letters, 2003, 90, 171302.	2.9	51
209	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. Physical Review D, 2003, 68, .	1.6	51
210	Search for Supernova Relic Neutrinos at Super-Kamiokande. Physical Review Letters, 2003, 90, 061101.	2.9	181
211	Prospects of very long baseline neutrino oscillation experiments with the KEK-JAERI high intensity proton accelerator. Physical Review D, 2003, 67, .	1.6	19
212	Recent Results from the K2K experiment. , 2003, , 18-23.		0
213	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. Astrophysical Journal, 2002, 578, 317-324.	1.6	37
214	Neut. Nuclear Physics, Section B, Proceedings Supplements, 2002, 112, 171-176.	0.5	167
215	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
216	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

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217	Solar B8 and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. Physical Review Letters, 2001, 86, 5651-5655.	2.9	894
218	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. Physical Review Letters, 2001, 86, 5656-5660.	2.9	579
219	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
220	^{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
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