

Yasuo Takeuchi

List of Publications by Year in descending order

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167
papers

25,339
citations

12303

69
h-index

6282

158
g-index

168
all docs

168
docs citations

168
times ranked

9732
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Oscillation of Atmospheric Neutrinos. Physical Review Letters, 1998, 81, 1562-1567.	2.9	4,064
2	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	2.9	1,054
3	Solar and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. Physical Review Letters, 2001, 86, 5651-5655.	2.9	894
4	Indications of Neutrino Oscillation in a 250 km Long-Baseline Experiment. Physical Review Letters, 2003, 90, 041801.	2.9	763
5	The Super-Kamiokande detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 418-462.	0.7	696
6	Solar Neutrino Data Covering Solar Cycle 22. Physical Review Letters, 1996, 77, 1683-1686.	2.9	660
7	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
8	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. Physical Review D, 2005, 71, .	1.6	640
9	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
10	Tau Neutrinos Favored over Sterile Neutrinos in Atmospheric Muon Neutrino Oscillations. Physical Review Letters, 2000, 85, 3999-4003.	2.9	609
11	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
12	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. Physical Review Letters, 2001, 86, 5656-5660.	2.9	579
13	Measurements of the Solar Neutrino Flux from Super-Kamiokande's First 300 Days. Physical Review Letters, 1998, 81, 1158-1162.	2.9	557
14	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. Physical Review Letters, 2004, 93, 101801.	2.9	538
15	Observation of a small atmospheric ν_{μ}/ν_e ratio in Kamiokande. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 280, 146-152.	1.5	522
16	Measurement of neutrino oscillation by the K2K experiment. Physical Review D, 2006, 74, .	1.6	498
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Solar neutrino measurements in Super-Kamiokande-I. Physical Review D, 2006, 73, .	1.6	390
20	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. Physical Review Letters, 2005, 94, 081802.	2.9	375
21	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	2.9	369
22	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
23	Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering. Physical Review Letters, 1999, 82, 2430-2434.	2.9	318
24	Solar neutrino results in Super-Kamiokande-III. Physical Review D, 2011, 83, .	1.6	285
25	Solar neutrino measurements in Super-Kamiokande-II. Physical Review D, 2008, 78, .	1.6	258
26	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. Physical Review D, 2004, 70, .	1.6	231
27	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. Physical Review D, 2010, 81, .	1.6	210
28	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mn} \rangle 6.6 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{A} - \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ on target. Physical Review D, 2015, 91, .	1.6	205
29	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
30	Solar neutrino measurements in Super-Kamiokande-IV. Physical Review D, 2016, 94, .	1.6	187
31	Search for Supernova Relic Neutrinos at Super-Kamiokande. Physical Review Letters, 2003, 90, 061101.	2.9	181
32	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
33	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. Physical Review D, 2004, 69, .	1.6	172
34	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	1.6	165
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	AN INDIRECT SEARCH FOR WEAKLY INTERACTING MASSIVE PARTICLES IN THE SUN USING 3109.6 DAYS OF UPWARD-GOING MUONS IN SUPER-KAMIOKANDE. <i>Astrophysical Journal</i> , 2011, 742, 78.	1.6	150
38	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. <i>Physical Review D</i> , 2006, 74, .	1.6	146
39	Supernova relic neutrino search at super-Kamiokande. <i>Physical Review D</i> , 2012, 85, .	1.6	146
40	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017, 118, 151801.	2.9	146
41	Measurement of the quasielastic axial vector mass in neutrino interactions on oxygen. <i>Physical Review D</i> , 2006, 74, .	1.6	143
42	Observation of the anisotropy of $10\hat{A}TeV$ primary cosmic ray nuclei flux with the Super-Kamiokande-I detector. <i>Physical Review D</i> , 2007, 75, .	1.6	134
43	Measurement of the Flux and Zenith-Angle Distribution of Upward Through-Going Muons in Kamiokande II+III. <i>Physical Review Letters</i> , 1998, 81, 2016-2019.	2.9	124
44	Atmospheric neutrino oscillation analysis with external constraints in Super-Kamiokande I-IV. <i>Physical Review D</i> , 2018, 97, .	1.6	124
45	Search for proton decay via $p \rightarrow e^+ \pi^0$. <i>Physical Review Letters</i> , 1998, 81, 3319-3323.	1.6	117
46	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , 2013, 88, .	1.6	116
47	XMASS detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 716, 78-85.	0.7	115
48	Search for Proton Decay via $p \rightarrow e^+ \pi^0$ in a Large Water Cherenkov Detector. <i>Physical Review Letters</i> , 1998, 81, 3319-3323.	2.9	110
49	Search for Proton Decay via $p \rightarrow e^+ \pi^0$ in a Large Water Cherenkov Detector. <i>Physical Review Letters</i> , 1998, 81, 3319-3323.	2.9	109
50	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. <i>Physical Review Letters</i> , 2005, 95, 252301.	2.9	106
51	Search for Proton Decay through $p \rightarrow e^+ \pi^0$ in a Large Water Cherenkov Detector. <i>Physical Review Letters</i> , 1999, 83, 1529-1533.	2.9	100
52	Supernova Relic Neutrino search with neutron tagging at Super-Kamiokande-IV. <i>Astroparticle Physics</i> , 2015, 60, 41-46.	1.9	99
53	Calibration of the Super-Kamiokande detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 737, 253-272.	0.7	97
54	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. <i>Physical Review Letters</i> , 2006, 97, 171801.	2.9	96

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55	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\nu_{\mu} \rightarrow \nu_{\tau}$ interactions at the far detector. Physical Review D, 2017, 96, .	1.6	95
56	Measurement of the inclusive $\nu_{\mu} \rightarrow \nu_{\tau}$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	1.6	94
57	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
58	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. Physical Review D, 2005, 72, .	1.6	82
59	Limits on sterile neutrino mixing using atmospheric neutrinos in Super-Kamiokande. Physical Review D, 2015, 91, .	1.6	80
60	Observation of the East-West Anisotropy of the Atmospheric Neutrino Flux. Physical Review Letters, 1999, 82, 5194-5197.	2.9	79
61	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	2.9	79
62	Evidence for the Appearance of Atmospheric Tau Neutrinos in Super-Kamiokande. Physical Review Letters, 2013, 110, 181802.	2.9	78
63	Search for proton decay via $p \rightarrow K^+ \pi^-$. Physical Review Letters, 2013, 110, 181802.	1.6	78
64	Search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillation in Super-Kamiokande. Physical Review D, 2015, 91, .	1.6	78
65	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	1.6	77
66	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
67	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	77
68	First Indication of Terrestrial Matter Effects on Solar Neutrino Oscillation. Physical Review Letters, 2014, 112, 091805.	2.9	76
69	Distillation of liquid xenon to remove krypton. Astroparticle Physics, 2009, 31, 290-296.	1.9	74
70	Measurements of the atmospheric neutrino flux by Super-Kamiokande: Energy spectra, geomagnetic effects, and solar modulation. Physical Review D, 2016, 94, .	1.6	73
71	Study of nonstandard neutrino interactions with atmospheric neutrino data in Super-Kamiokande I and II. Physical Review D, 2011, 84, .	1.6	72
72	First study of neutron tagging with a water Cherenkov detector. Astroparticle Physics, 2009, 31, 320-328.	1.9	70

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73	Search for Differences in Oscillation Parameters for Atmospheric Neutrinos and Antineutrinos at Super-Kamiokande. <i>Physical Review Letters</i> , 2011, 107, 241801.	2.9	66
74	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. <i>Physical Review D</i> , 2018, 98, .	1.6	66
75	Real-time supernova neutrino burst monitor at Super-Kamiokande. <i>Astroparticle Physics</i> , 2016, 81, 39-48.	1.9	65
76	Search for nucleon decay into charged antilepton plus meson in Super-Kamiokande I and II. <i>Physical Review D</i> , 2012, 85, .	1.6	60
77	Limits on the Neutrino Magnetic Moment using 1496 Days of Super-Kamiokande-I Solar Neutrino Data. <i>Physical Review Letters</i> , 2004, 93, 021802.	2.9	59
78	Measurement of single $\bar{\nu}_e$ 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
79	Test of Lorentz invariance with atmospheric neutrinos. <i>Physical Review D</i> , 2015, 91, .	1.6	56
80	Search for $\bar{\nu}_e$ from the Sun at Super-Kamiokande-I. <i>Physical Review Letters</i> , 2003, 90, 171302.	2.9	51
81	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. <i>Physical Review D</i> , 2003, 68, .	1.6	51
82	Search for Electron Neutrino Appearance in a 250 km Long-Baseline Experiment. <i>Physical Review Letters</i> , 2004, 93, 051801.	2.9	50
83	Study of TeV neutrinos with upward showering muons in Super-Kamiokande. <i>Astroparticle Physics</i> , 2008, 29, 42-54.	1.9	50
84	Search for solar axions in XMASS, a large liquid-xenon detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 724, 46-50.	1.5	50
85	Search for Boosted Dark Matter Interacting with Electrons in Super-Kamiokande. <i>Physical Review Letters</i> , 2018, 120, 221301.	2.9	49
86	Search for neutralino dark matter heavier than the W boson at Kamiokande. <i>Physical Review D</i> , 1993, 48, 5505-5518.	1.6	48
87	Search for Nucleon Decay via $\bar{\nu}_e + p \rightarrow n + \bar{\nu}_e$		
88	Search for heavy neutrinos with the T2K near detector ND280. <i>Physical Review D</i> , 2019, 100, .	1.6	46
89	Improved Search for $\bar{\nu}_e \rightarrow \nu_e$ Oscillation in a Long-Baseline Accelerator Experiment. <i>Physical Review Letters</i> , 2006, 96, 181801.	2.9	45
90	Survey of atmospheric neutrino data and implications for neutrino mass and mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 283, 446-453.	1.5	44

#	ARTICLE	IF	CITATIONS
91	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. <i>Physical Review Letters</i> , 2014, 113, 241803.	2.9	44
92	Light WIMP search in XMASS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 78-82.	1.5	43
93	Measurement of the $\langle \sigma_{\text{QE}} \rangle$ quasielastic cross section on carbon with the ND280 detector at T2K. <i>Physical Review D</i> , 2015, 92, .		
94	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
95	Large-scale anisotropy of the cosmic-ray muon flux in Kamiokande. <i>Physical Review D</i> , 1997, 56, 23-26.	1.6	38
96	Measurement of the inclusive $\langle \sigma_{\text{CC}} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2014, 90, .	1.6	38
97	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. <i>Astrophysical Journal</i> , 2002, 578, 317-324.	1.6	37
98	First measurement of radioactive isotope production through cosmic-ray muon spallation in Super-Kamiokande IV. <i>Physical Review D</i> , 2016, 93, .	1.6	37
99	Study of invisible nucleon decay, ν and a forbidden nuclear transition in the Kamiokande detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 311, 357-361.	1.5	36
100	Measurement of the $\langle \sigma_{\text{CC}} \rangle$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2015, 91, .	1.6	36
101	A limit on massive neutrino dark matter from Kamiokande. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 289, 463-469.	1.5	35
102	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
103	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. <i>Physical Review D</i> , 2017, 95, .	1.6	33
104	Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, .	1.8	32
105	Search for dinucleon decay into pions at Super-Kamiokande. <i>Physical Review D</i> , 2015, 91, .	1.6	32
106	Direct dark matter search by annual modulation in XMASS-I. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 272-276.	1.5	32
107	SEARCH FOR NEUTRINOS IN SUPER-KAMIOKANDE ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226. <i>Astrophysical Journal Letters</i> , 2016, 830, L11.	3.0	32
108	Measurement of the tau neutrino cross section in atmospheric neutrino oscillations with Super-Kamiokande. <i>Physical Review D</i> , 2018, 98, .	1.6	32

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109	Search for proton decay via $p \rightarrow K^0 \pi^+ \mu^+ \nu$. Super-Kamiokande I, II, and III. <i>Physical Review D</i> , 2012, 86, .	1.6	31
110	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016, 116, 181801.	2.9	31
111	Search for Neutrinos in Super-Kamiokande Associated with the GW170817 Neutron-star Merger. <i>Astrophysical Journal Letters</i> , 2018, 857, L4.	3.0	30
112	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. <i>Astrophysical Journal</i> , 2009, 704, 503-512.	1.6	29
113	Measurement of radon concentrations at Super-Kamiokande. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 452, 418-424.	1.5	28
114	Search for Bosonic Superweakly Interacting Massive Dark Matter Particles with the XMASS-I Detector. <i>Physical Review Letters</i> , 2014, 113, 121301.	2.9	28
115	Radon removal from gaseous xenon with activated charcoal. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 661, 50-57.	0.7	27
116	Search for nucleon decay into charged antilepton plus meson in $n \rightarrow \bar{l} \pi^+ \nu$ exposure of the Super-Kamiokande water Cherenkov detector. <i>Physical Review D</i> , 2017, 96, .	1.6	27
117	Search for Nucleon and Dinucleon Decays with an Invisible Particle and a Charged Lepton in the Final State at the Super-Kamiokande Experiment. <i>Physical Review Letters</i> , 2015, 115, 121803.	2.9	26
118	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. <i>Physical Review D</i> , 2009, 79, .	1.6	25
119	Search for GUT monopoles at Super-Kamiokande. <i>Astroparticle Physics</i> , 2012, 36, 131-136.	1.9	25
120	Search for Dinucleon Decay into Kaons in Super-Kamiokande. <i>Physical Review Letters</i> , 2014, 112, 131803.	2.9	24
121	Measurement of Coherent $\nu_e + \text{C} \rightarrow \nu_e + \text{C}^*$ Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016, 117, 192501.	2.9	24
122	Measurement of radon concentration in super-Kamiokande's buffer gas. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 867, 108-114.	0.7	24
123	Search for inelastic WIMP nucleus scattering on ^{129}Xe in data from the XMASS-I experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2014, 2014, 63C01-0.	1.8	23
124	Updated T2K measurements of muon neutrino and antineutrino disappearance using $\nu_\mu \rightarrow \nu_\tau$ protons on target. <i>Physical Review D</i> , 2017, 96, .	1.6	23
125	Measurement of inclusive double-differential ν_e charged-current cross section with improved acceptance in the T2K off-axis near detector. <i>Physical Review D</i> , 2018, 98, .	1.6	23
126	High-Energy Neutrino Astronomy Using Upward-Going Muons in Super-Kamiokande I. <i>Astrophysical Journal</i> , 2006, 652, 198-205.	1.6	22

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127	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295Åkm. Physical Review D, 2019, 99, .	1.6	22
128	Scintillation-only based pulse shape discrimination for nuclear and electron recoils in liquid xenon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 161-168.	0.7	20
129	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation. Physical Review D, 2014, 90, .	1.6	20
130	Identification of ^{210}Pb and ^{210}Po in the bulk of copper samples with a low-background alpha particle counter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 884, 157-161.	0.7	20
131	Direct dark matter search by annual modulation with 2.7Åyears of XMASS-I data. Physical Review D, 2018, 97, .	1.6	20
132	Search for Trilepton Nucleon Decay via $p \rightarrow e \nu \bar{\nu} \nu$. Physical Review Letters, 2014, 113, 101801.	2.9	19
133	Detectability of galactic supernova neutrinos coherently scattered on xenon nuclei in XMASS. Astroparticle Physics, 2017, 89, 51-56.	1.9	19
134	Search for Lorentz and C - P - T violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	1.6	19
135	A measurement of the time profile of scintillation induced by low energy gamma-rays in liquid xenon with the XMASS-I detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 834, 192-196.	0.7	18
136	Study of neutron background in the atmospheric neutrino sample in Kamiokande. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 397-401.	1.5	15
137	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. Physical Review D, 2008, 77, .	1.6	15
138	Micro-source development for XMASS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 499-503.	0.7	15
139	Search for short baseline $\bar{\nu}_e$ disappearance with the T2K near detector. Physical Review D, 2015, 91, .	1.6	14
140	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of 1Å3ÅGeV with the T2K INGRID detector. Physical Review D, 2016, 93, .	1.6	14
141	Measurement of inclusive $\bar{\nu}_e$ 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 the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande. Physical Review D, 2019, 99, .	1.6	12
143	Search for two-neutrino double electron capture on ^{124}Xe with the XMASS-I detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 64-68.	1.5	11
144	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector. Physical Review D, 2015, 91, .	1.6	10

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145	Improved search for two-neutrino double electron capture on ^{124}Xe and ^{126}Xe using particle identification in XMASS-I. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	10
146	Experimental study of the atmospheric neutrino backgrounds for $\bar{\nu}_e$ searches in water Cherenkov detectors. Physical Review D, 2008, 77, .	1.6	9
147	Development of a high-sensitivity 80 L radon detector for purified gases. Progress of Theoretical and Experimental Physics, 2015, 2015, .	1.8	9
148	Measurement of $\hat{1}/2\hat{A}\hat{1}/4$ and $\hat{1}/2\hat{1}/4$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. Physical Review D, 2017, 96, .	1.6	9
149	Search for solar Kaluza-Klein axions by annual modulation with the XMASS-I detector. Progress of Theoretical and Experimental Physics, 2017, 2017, .	1.8	9
150	Search for Neutrinos in Coincidence with Gravitational Wave Events from the LIGO-Virgo O3a Observing Run with the Super-Kamiokande Detector. Astrophysical Journal, 2021, 918, 78.	1.6	9
151	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	1.6	8
152	Development of a low-alpha-emitting $\hat{A}\mu$ -PIC for NEWAGE direction-sensitive dark-matter search. AIP Conference Proceedings, 2018, . .	0.3	7
153	Adsorption and Desorption of Radon in Argon Gas, and the Development of Low Level Radon Concentration Measurement Method. Radioisotopes, 2010, 59, 29-36.	0.1	7
154	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.	1.6	6
155	Scintillation yield of liquid xenon at room temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 148-154.	0.7	5
156	Self-shielding effect of a single phase liquid xenon detector for direct dark matter search. Astroparticle Physics, 2012, 35, 609-614.	1.9	5
157	Search for low-energy neutrinos from galactic gamma-ray sources. Astrophysical Journal, 1994, 435, 225.	1.6	5
158	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	1.6	4
159	Development of a high sensitivity radon detector for purified gases. Journal of Physics: Conference Series, 2013, 469, 012007.	0.3	3
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