

Haruki Nishino

List of Publications by Year in descending order

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77
papers

5,753
citations

126907

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91884

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77
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77
docs citations

77
times ranked

4370
citing authors

#	ARTICLE	IF	CITATIONS
1	The Simons Observatory: science goals and forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 056-056.	5.4	741
2	Measurement of neutrino oscillation by the K2K experiment. <i>Physical Review D</i> , 2006, 74, .	4.7	498
3	Solar neutrino measurements in Super-Kamiokande-I. <i>Physical Review D</i> , 2006, 73, .	4.7	390
4	Mission Design of LiteBIRD. <i>Journal of Low Temperature Physics</i> , 2014, 176, 733-740.	1.4	300
5	Solar neutrino results in Super-Kamiokande-III. <i>Physical Review D</i> , 2011, 83, .	4.7	285
6	Solar neutrino measurements in Super-Kamiokande-II. <i>Physical Review D</i> , 2008, 78, .	4.7	258
7	A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND B -MODE POLARIZATION POWER SPECTRUM AT SUB-DEGREE SCALES WITH POLARBEAR. <i>Astrophysical Journal</i> , 2014, 794, 171.	4.5	233
8	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. <i>Physical Review D</i> , 2010, 81, .	4.7	210
9	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.	4.5	150
10	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. <i>Physical Review D</i> , 2006, 74, .	4.7	146
11	The Polarbear-2 and the Simons Array Experiments. <i>Journal of Low Temperature Physics</i> , 2016, 184, 805-810.	1.4	139
12	Search for Supernova Neutrino Bursts at Super-Kamiokande. <i>Astrophysical Journal</i> , 2007, 669, 519-524.	4.5	138
13	Measurement of the Cosmic Microwave Background Polarization Lensing Power Spectrum with the POLARBEAR Experiment. <i>Physical Review Letters</i> , 2014, 113, 021301.	7.8	138
14	Observation of the anisotropy of 10 A TeV primary cosmic ray nuclei flux with the Super-Kamiokande-I detector. <i>Physical Review D</i> , 2007, 75, .	4.7	134
15	Search for Proton Decay via $p \rightarrow e \hat{+} \pi^0$. <i>Physical Review Letters</i> , 2009, 102, 141801.	7.8	109
16	Measurement of Atmospheric Neutrino Flux Consistent with Tau Neutrino Appearance. <i>Physical Review Letters</i> , 2006, 97, 171801.	7.8	96
17	The LiteBIRD Satellite Mission: Sub-Kelvin Instrument. <i>Journal of Low Temperature Physics</i> , 2018, 193, 1048-1056.	1.4	96
18	A Measurement of the Cosmic Microwave Background B-mode Polarization Power Spectrum at Subdegree Scales from Two Years of polarbear Data. <i>Astrophysical Journal</i> , 2017, 848, 121.	4.5	83

#	ARTICLE	IF	CITATIONS
37	POLARBEAR-2: an instrument for CMB polarization measurements. Proceedings of SPIE, 2016, , .	0.8	31
38	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	4.5	29
39	The POLARBEAR CMB polarization experiment. Proceedings of SPIE, 2010, , .	0.8	29
40	MODELING ATMOSPHERIC EMISSION FOR CMB GROUND-BASED OBSERVATIONS. Astrophysical Journal, 2015, 809, 63.	4.5	27
41	A Measurement of the CMB E-mode Angular Power Spectrum at Subdegree Scales from 670 Square Degrees of POLARBEAR Data. Astrophysical Journal, 2020, 904, 65.	4.5	27
42	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. Physical Review D, 2009, 79, .	4.7	25
43	The Simons Array: expanding POLARBEAR to three multi-chroic telescopes. Proceedings of SPIE, 2014, , .	0.8	25
44	Internal Delensing of Cosmic Microwave Background Polarization $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mi>B\langle /mml:mi>\langle /mml:math\rangle$ -Modes with the POLARBEAR Experiment. Physical Review Letters, 2020, 124, 131301.	7.8	25
45	Search for Dinucleon Decay into Kaons in Super-Kamiokande. Physical Review Letters, 2014, 112, 131803.	7.8	24
46	Highâ€Energy Neutrino Astronomy Using Upwardâ€going Muons in Superâ€Kamiokande I. Astrophysical Journal, 2006, 652, 198-205.	4.5	22
47	Small Aperture Telescopes for the Simons Observatory. Journal of Low Temperature Physics, 2020, 200, 461-471.	1.4	21
48	LiteBIRD: lite satellite for the study of B-mode polarization and inflation from cosmic microwave background radiation detection. Proceedings of SPIE, 2016, , .	0.8	20
49	Evidence for the Cross-correlation between Cosmic Microwave Background Polarization Lensing from Polarbear and Cosmic Shear from Subaru Hyper Suprime-Cam. Astrophysical Journal, 2019, 882, 62.	4.5	20
50	Concept design of the LiteBIRD satellite for CMB B-mode polarization. , 2018, , .		19
51	Measurement of the Cosmic Microwave Background Polarization Lensing Power Spectrum from Two Years of POLARBEAR Data. Astrophysical Journal, 2020, 893, 85.	4.5	18
52	The Simons Array CMB polarization experiment. Proceedings of SPIE, 2016, , .	0.8	18
53	Search for Diffuse Astrophysical Neutrino Flux Using Ultraâ€Highâ€Energy Upwardâ€going Muons in Superâ€Kamiokande I. Astrophysical Journal, 2006, 652, 206-215.	4.5	16
54	The POLARBEAR-2 and Simons Array Focal Plane Fabrication Status. Journal of Low Temperature Physics, 2018, 193, 758-770.	1.4	16

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55	Search for matter-dependent atmospheric neutrino oscillations in Super-Kamiokande. Physical Review D, 2008, 77, .	4.7	15
56	The POLARBEAR-2 experiment. Proceedings of SPIE, 2012, , .	0.8	15
57	The Simons Observatory: gain, bandpass and polarization-angle calibration requirements for B-mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 032.	5.4	14
58	Measurements of Tropospheric Ice Clouds with a Ground-based CMB Polarization Experiment, POLARBEAR. Astrophysical Journal, 2019, 870, 102.	4.5	11
59	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	4.5	8
60	POLARBEAR-2 optical and polarimeter designs. Proceedings of SPIE, 2012, , .	0.8	8
61	The POLARBEAR-2 Experiment. Journal of Low Temperature Physics, 2014, 176, 719-725.	1.4	8
62	Deployment of Polarbear-2A. Journal of Low Temperature Physics, 2020, 199, 1137-1147.	1.4	8
63	Development of New Front-End Electronics for Super-Kamiokande. , 2007, , .		7
64	LiteBIRD: mission overview and design tradeoffs. Proceedings of SPIE, 2014, , .	0.8	7
65	The POLARBEAR Fourier transform spectrometer calibrator and spectroscopic characterization of the POLARBEAR instrument. Review of Scientific Instruments, 2019, 90, 115115.	1.3	7
66	Improved Upper Limit on Degree-scale CMB B-mode Polarization Power from the 670 Square-degree POLARBEAR Survey. Astrophysical Journal, 2022, 931, 101.	4.5	7
67	The new front-end electronics for the Super-Kamiokande experiment. , 2007, , .		6
68	Concept Study of Optical Configurations for High-Frequency Telescope for LiteBIRD. Journal of Low Temperature Physics, 2018, 193, 841-850.	1.4	6
69	Cross-correlation of CMB Polarization Lensing with High-z Submillimeter Herschel-ATLAS Galaxies. Astrophysical Journal, 2019, 886, 38.	4.5	6
70	POLARBEAR-2: a new CMB polarization receiver system for the Simons array (Conference Presentation). , 2018, , .		4
71	Development of New Data Acquisition Electronics for the Large Water Cherenkov Detector. , 2006, , .		3
72	The POLARBEAR Cosmic Microwave Background Polarization Experiment. Journal of Low Temperature Physics, 2014, 176, 726-732.	1.4	3

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73	Search for proton decays via $p \rightarrow e \bar{\nu}_e \bar{\nu}_\mu$ and $p \rightarrow e \bar{\nu}_e \bar{\nu}_\tau$ in Super-Kamiokande. Journal of Physics: Conference Series, 2008, 136, 042018.	0.4	1
74	Commissioning of the new electronics and online system for the Super-Kamiokande experiment. , 2009, , .		1
75	Integrated Electrical Properties of the Frequency Multiplexed Cryogenic Readout System for Polarbear/Simons Array. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	1
76	Current design of the electrical architecture for the payload module of LiteBIRD. , 2018, , .		1
77	Results of gravitational lensing and primordial gravitational waves from the POLARBEAR experiment. Journal of Physics: Conference Series, 2020, 1468, 012007.	0.4	0