

Masashi Hazumi

List of Publications by Year in descending order

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Version: 2024-02-01

483
papers

23,992
citations

7551

77
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137
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486
all docs

486
docs citations

486
times ranked

8788
citing authors

#	ARTICLE	IF	CITATIONS
1	In-flight polarization angle calibration for LiteBIRD: blind challenge and cosmological implications. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 039.	1.9	9
2	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. Astrophysical Journal, 2022, 926, 54.	1.6	79
3	Polarization angle requirements for CMB B-mode experiments. Application to the LiteBIRD satellite. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 029.	1.9	3
4	Improved Upper Limit on Degree-scale CMB B-mode Polarization Power from the 670 Square-degree POLARBEAR Survey. Astrophysical Journal, 2022, 931, 101.	1.6	7
5	Development of FD-SOI cryogenic amplifier for application to STJ readout in COBAND project. , 2021, , .		0
6	A Forecast of the Sensitivity on the Measurement of the Optical Depth to Reionization with the GroundBIRD Experiment. Astrophysical Journal, 2021, 915, 88.	1.6	3
7	Simulations of systematic effects arising from cosmic rays in the LiteBIRD space telescope, and effects on the measurements of CMB B-modes. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 013.	1.9	5
8	Method for rapid performance validation of large TES bolometer array for POLARBEAR-2A using a coherent millimeter-wave source. AIP Conference Proceedings, 2021, , .	0.3	1
9	GroundBIRD: A CMB Polarization Experiment with MKID Arrays. Journal of Low Temperature Physics, 2020, 200, 384-391.	0.6	16
10	Deployment of Polarbear-2A. Journal of Low Temperature Physics, 2020, 199, 1137-1147.	0.6	8
11	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. Journal of Low Temperature Physics, 2020, 199, 1107-1117.	0.6	64
12	Results of gravitational lensing and primordial gravitational waves from the POLARBEAR experiment. Journal of Physics: Conference Series, 2020, 1468, 012007.	0.3	0
13	Design of a Testbed for the Study of System Interference in Space CMB Polarimetry. Journal of Low Temperature Physics, 2020, 199, 622-630.	0.6	2
14	Effect of Stray Impedance in Frequency-Division Multiplexed Readout of TES Sensors in POLARBEAR-2b. Journal of Low Temperature Physics, 2020, 199, 840-848.	0.6	2
15	Irradiation Tests of Superconducting Detectors and Comparison with Simulations. Journal of Low Temperature Physics, 2020, 199, 118-129.	0.6	1
16	Development of Space-Optimized TES Bolometer Arrays for LiteBIRD. Journal of Low Temperature Physics, 2020, 199, 646-653.	0.6	8
17	Measurement of the Cosmic Microwave Background Polarization Lensing Power Spectrum from Two Years of POLARBEAR Data. Astrophysical Journal, 2020, 893, 85.	1.6	18
18	Internal Delensing of Cosmic Microwave Background Polarization $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Modes with the POLARBEAR Experiment. Physical Review Letters, 2020, 124, 131301.	2.9	25

#	ARTICLE	IF	CITATIONS
19	Requirements for future CMB satellite missions: photometric and band-pass response calibration. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 030-030.	1.9	7
20	Breadboard model of polarization modulator unit based on a continuously rotating half-wave plate for the low-frequency telescope of the LiteBIRD space mission. , 2020, , .		8
21	On-site performance of GroundBIRD, a CMB polarization telescope for large angular scale observations. , 2020, , .		2
22	Overview of the medium and high frequency telescopes of the LiteBIRD space mission. , 2020, , .		3
23	LiteBIRD satellite: JAXA's new strategic L-class mission for all-sky surveys of cosmic microwave background polarization. , 2020, , .		79
24	A Measurement of the Degree-scale CMB B-mode Angular Power Spectrum with Polarbear. Astrophysical Journal, 2020, 897, 55.	1.6	41
25	Concept design of low frequency telescope for CMB B-mode polarization satellite LiteBIRD. , 2020, , .		4
26	Data acquisition and management system for the CMB polarization experiment: Simons Array. , 2020, , .		1
27	Detector and readout characterization for POLARBEAR-2b. , 2020, , .		1
28	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.	1.6	27
29	Bandpass mismatch error for satellite CMB experiments II: correcting for the spurious signal. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 043-043.	1.9	4
30	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.	1.6	20
31	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	1.9	741
32	LiteBIRD: A Satellite for the Studies of B-Mode Polarization and Inflation from Cosmic Background Radiation Detection. Journal of Low Temperature Physics, 2019, 194, 443-452.	0.6	193
33	Cross-correlation of CMB Polarization Lensing with High-z Submillimeter Herschel-ATLAS Galaxies. Astrophysical Journal, 2019, 886, 38.	1.6	6
34	Measurements of Tropospheric Ice Clouds with a Ground-based CMB Polarization Experiment, POLARBEAR. Astrophysical Journal, 2019, 870, 102.	1.6	11
35	Finding the chiral gravitational wave background of an axion- S^2U inflationary model using CMB observations and laser interferometers. Physical Review D, 2018, 97, , .	1.6	81
36	Detector and Readout Assembly and Characterization for the Simons Array. Journal of Low Temperature Physics, 2018, 193, 1094-1102.	0.6	4

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37	GroundBIRD: Observation of CMB Polarization with a Rapid Scanning and MKIDs. Journal of Low Temperature Physics, 2018, 193, 1066-1074.	0.6	6
38	Status of the GroundBIRD Telescope. EPJ Web of Conferences, 2018, 168, 01014.	0.1	0
39	The POLARBEAR-2 and Simons Array Focal Plane Fabrication Status. Journal of Low Temperature Physics, 2018, 193, 758-770.	0.6	16
40	Reconstruction of primordial tensor power spectra from $\langle B \rangle$ -mode polarization of the cosmic microwave background. Physical Review D, 2018, 97, .	1.6	13
41	Wide field-of-view crossed Dragone optical system using anamorphic aspherical surfaces. Applied Optics, 2018, 57, 4171.	0.9	17
42	The LiteBIRD Satellite Mission: Sub-Kelvin Instrument. Journal of Low Temperature Physics, 2018, 193, 1048-1056.	0.6	96
43	Frequency-Domain Multiplexing Readout with a Self-Trigger System for Pulse Signals from Kinetic Inductance Detectors. Journal of Low Temperature Physics, 2018, 193, 518-524.	0.6	0
44	Concept Study of Optical Configurations for High-Frequency Telescope for LiteBIRD. Journal of Low Temperature Physics, 2018, 193, 841-850.	0.6	6
45	Electrical characterization and tuning of the integrated POLARBEAR-2a focal plane and readout (Conference Presentation). , 2018, , .		1
46	Current design of the electrical architecture for the payload module of LiteBIRD. , 2018, , .		1
47	The optical design and physical optics analysis of a cross-Dragonian telescope for LiteBIRD. , 2018, , .		5
48	Design and development of a polarization modulator unit based on a continuous rotating half-wave plate for LiteBIRD. , 2018, , .		8
49	Prototype design and evaluation of the nine-layer achromatic half-wave plate for the LiteBIRD low frequency telescope. , 2018, , .		4
50	Thermal design utilizing radiative cooling for the payload module of LiteBIRD. , 2018, , .		3
51	Concept design of the LiteBIRD satellite for CMB B-mode polarization. , 2018, , .		19
52	Development of Superconducting Tunnel Junction Photon Detectors with Cryogenic Preamplifier for COBAND Experiment. Springer Proceedings in Physics, 2018, , 242-248.	0.1	0
53	Development of Superconducting Tunnel Junction Detector Using Hafnium for COBAND Experiment. Springer Proceedings in Physics, 2018, , 254-258.	0.1	0
54	Cross-polarization systematics due to Mizuguchi-Dragone condition breaking by a continuously rotating half-wave plate at prime focus in the Huan Tran telescope. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
55	POLARBEAR-2: a new CMB polarization receiver system for the Simons array (Conference Presentation). , 2018, , .		4
56	Performance of a continuously rotating half-wave plate on the POLARBEAR telescope. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 008-008.	1.9	41
57	A Measurement of the Cosmic Microwave Background B-mode Polarization Power Spectrum at Subdegree Scales from Two Years of polarbear Data. Astrophysical Journal, 2017, 848, 121.	1.6	83
58	Bandpass mismatch error for satellite CMB experiments I: estimating the spurious signal. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 015-015.	1.9	12
59	Development of an Optical Coupling with Ground-Side Absorption for Antenna-Coupled Kinetic Inductance Detectors. IEICE Transactions on Electronics, 2017, E100.C, 298-304.	0.3	0
60	Thermal analysis of a prototype cryogenic polarization modulator for use in a space-borne CMB polarization experiment. IOP Conference Series: Materials Science and Engineering, 2017, 278, 012011.	0.3	2
61	Making maps of cosmic microwave background polarization for B -mode studies: the POLARBEAR example. Astronomy and Astrophysics, 2017, 600, A60.	2.1	11
62	Trade-off studies on LiteBIRD reflectors. , 2017, , .		1
63	Testing statistics of the CMB B -mode polarization toward unambiguously establishing quantum fluctuation of the vacuum. Physical Review D, 2016, 94, .	1.6	32
64	GroundBIRD: observations of CMB polarization with fast scan modulation and MKIDs. , 2016, , .		2
65	Design and development of an ambient-temperature continuously-rotating achromatic half-wave plate for CMB polarization modulation on the POLARBEAR-2 experiment. Proceedings of SPIE, 2016, , .	0.8	23
66	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
67	GroundBIRD: Observing Cosmic Microwave Polarization at Large Angular Scale with Kinetic Inductance Detectors and High-Speed Rotating Telescope. Journal of Low Temperature Physics, 2016, 184, 786-792.	0.6	15
68	The Polarbear-2 and the Simons Array Experiments. Journal of Low Temperature Physics, 2016, 184, 805-810.	0.6	139
69	Development of Readout Electronics for POLARBEAR-2 Cosmic Microwave Background Experiment. Journal of Low Temperature Physics, 2016, 184, 512-518.	0.6	12
70	Millimeter-wave broadband antireflection coatings using laser ablation of subwavelength structures. Applied Optics, 2016, 55, 3502.	2.1	36
71	Radiation Tolerance of Aluminum Microwave Kinetic Inductance Detector. Journal of Low Temperature Physics, 2016, 184, 540-546.	0.6	7
72	LiteBIRD: Mission Overview and Focal Plane Layout. Journal of Low Temperature Physics, 2016, 184, 824-831.	0.6	70

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73	Design and Performance of a Prototype Polarization Modulator Rotational System for Use in Space Using a Superconducting Magnetic Bearing. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	24
74	The Broadband Anti-reflection Coated Extended Hemispherical Silicon Lenses for Polarbear-2 Experiment. Journal of Low Temperature Physics, 2016, 184, 553-558.	0.6	4
75	Constraints on the neutrino parameters by future cosmological 21 cm line and precise CMB polarization observations. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 008-008.	1.9	35
76	POLARBEAR-2: an instrument for CMB polarization measurements. Proceedings of SPIE, 2016, , .	0.8	31
77	The Simons Array CMB polarization experiment. Proceedings of SPIE, 2016, , .	0.8	18
78	Two-layer anti-reflection coating with mullite and polyimide foam for large-diameter cryogenic infrared filters. Applied Optics, 2016, 55, D22.	2.1	8
79	POLARBEAR constraints on cosmic birefringence and primordial magnetic fields. Physical Review D, 2015, 92, .	1.6	78
80	MODELING ATMOSPHERIC EMISSION FOR CMB GROUND-BASED OBSERVATIONS. Astrophysical Journal, 2015, 809, 63.	1.6	27
81	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF THE GALACTIC PLANE AT 43 AND 95 GHz. Astrophysical Journal, 2015, 811, 89.	1.6	9
82	Development of Superconducting Tunnel Junction detectors as a far-infrared photon-by-photon spectrometer for neutrino decay search. , 2015, , .		2
83	Development of Lumped Element Kinetic Inductance Detectors for phonon and photon detections. , 2015, , .		0
84	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF RADIO SOURCES AT 43 AND 95 GHz. Astrophysical Journal, 2015, 806, 112.	1.6	5
85	Development of the Superconducting Detectors for Applications to Particle Physics and Astrophysics. , 2014, , .		0
86	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
87	The Simons Array: expanding POLARBEAR to three multi-chroic telescopes. Proceedings of SPIE, 2014, , .	0.8	25
88	LiteBIRD: mission overview and design tradeoffs. Proceedings of SPIE, 2014, , .	0.8	7
89	Cryogenic infrared filter made of alumina for use at millimeter wavelength. Applied Optics, 2014, 53, 1727.	0.9	21
90	Thermal and optical characterization for POLARBEAR-2 optical system. , 2014, , .		3

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91	Development and characterization of the readout system for POLARBEAR-2. , 2014, , .		3
92	Development of Microwave Kinetic Inductance Detectors for a Detection of Phonons. Journal of Low Temperature Physics, 2014, 176, 161-167.	0.6	1
93	GroundBIRD Experiment: Detecting CMB Polarization Power in a Large Angular Scale from the Ground. Journal of Low Temperature Physics, 2014, 176, 691-697.	0.6	7
94	The POLARBEAR-2 Experiment. Journal of Low Temperature Physics, 2014, 176, 719-725.	0.6	8
95	The POLARBEAR Cosmic Microwave Background Polarization Experiment. Journal of Low Temperature Physics, 2014, 176, 726-732.	0.6	3
96	Evidence for Gravitational Lensing of the Cosmic Microwave Background Polarization from Cross-Correlation with the Cosmic Infrared Background. Physical Review Letters, 2014, 112, 131302.	2.9	81
97	A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND B -MODE POLARIZATION POWER SPECTRUM AT SUB-DEGREE SCALES WITH POLARBEAR. Astrophysical Journal, 2014, 794, 171.	1.6	233
98	Mission Design of LiteBIRD. Journal of Low Temperature Physics, 2014, 176, 733-740.	0.6	300
99	Measurement of the Cosmic Microwave Background Polarization Lensing Power Spectrum with the POLARBEAR Experiment. Physical Review Letters, 2014, 113, 021301.	2.9	138
100	Optimization of cold resonant filters for frequency domain multiplexed readout of POLARBEAR-2. Proceedings of SPIE, 2014, , .	0.8	6
101	Adaptation of frequency-domain readout for Transition Edge Sensor bolometers for the POLARBEAR-2 Cosmic Microwave Background experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 299-302.	0.7	13
102	Development of microwave kinetic inductance detectors and their readout system for LiteBIRD. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 306-310.	0.7	4
103	THE Q/U IMAGING EXPERIMENT INSTRUMENT. Astrophysical Journal, 2013, 768, 9.	1.6	45
104	The POLARBEAR-2 experiment. Proceedings of SPIE, 2012, , .	0.8	15
105	POLARBEAR-2 optical and polarimeter designs. Proceedings of SPIE, 2012, , .	0.8	8
106	Note: Innovative demodulation scheme for coherent detectors in cosmic microwave background experiments. Review of Scientific Instruments, 2012, 83, 056104.	0.6	0
107	Laboratory characterization of CMB polarimeters using novel calibration system with cryogenically cooled loads. , 2012, , .		0
108	GroundBIRD: an experiment for CMB polarization measurements at a large angular scale from the ground. Proceedings of SPIE, 2012, , .	0.8	16

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109	The POLARBEAR experiment. Proceedings of SPIE, 2012, , .	0.8	65
110	The bolometric focal plane array of the POLARBEAR CMB experiment. Proceedings of SPIE, 2012, , .	0.8	31
111	New demodulation scheme for coherent polarimeters in CMB experiments. , 2012, , .		0
112	LiteBIRD: a small satellite for the study of B-mode polarization and inflation from cosmic background radiation detection. Proceedings of SPIE, 2012, , .	0.8	54
113	SECOND SEASON QUIET OBSERVATIONS: MEASUREMENTS OF THE COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRUM AT 95 GHz. Astrophysical Journal, 2012, 760, 145.	1.6	79
114	Readout System With On-Board Demodulation for CMB Polarization Experiments Using Coherent Polarimeter Arrays. IEEE Transactions on Nuclear Science, 2012, 59, 647-655.	1.2	2
115	Development of Superconducting Tunnel Junction Photon Detector using Hafnium. Physics Procedia, 2012, 37, 667-674.	1.2	7
116	Development of Superconducting Detectors for Measurements of Cosmic Microwave Background. Physics Procedia, 2012, 37, 1406-1412.	1.2	4
117	Novel Frequency-Domain Multiplexing MKID Readout for the LiteBIRD Satellite. Journal of Low Temperature Physics, 2012, 167, 671-677.	0.6	5
118	Laboratory Calibration System for CMB Polarization Detectors. Journal of Low Temperature Physics, 2012, 167, 892-897.	0.6	0
119	Ethernet-Based DAQ System for QUIET-II Detectors. Journal of Low Temperature Physics, 2012, 167, 689-694.	0.6	2
120	FIRST SEASON QUIET OBSERVATIONS: MEASUREMENTS OF COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRA AT 43 GHz IN THE MULTIPOLE RANGE $25 \leq l \leq 475$. Astrophysical Journal, 2011, 741, 111.		84
121	Readout system with on-board demodulation for CMB polarization experiments using coherent polarimeter array. , 2011, , .		0
122	Calibration system with cryogenically-cooled loads for cosmic microwave background polarization detectors. Review of Scientific Instruments, 2011, 82, 054501.	0.6	12
123	Future CMB Polarization Measurements and Japanese Contributions. Progress of Theoretical Physics Supplement, 2011, 190, 75-89.	0.2	13
124	The POLARBEAR CMB polarization experiment. Proceedings of SPIE, 2010, , .	0.8	29
125	Measurement of C_P asymmetries in B_0 Observation of an enhancement in $e^+e^- \rightarrow S$	1.6	17
126	stretchy="false"> ($l > 1$) S Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 52 Td (stretch		
	xmlns:mml="htt. Physical Review D, 2010, 82, .		

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127	Measurement of the branching fractions for $B^0 \rightarrow D_s^* \bar{c} \ell^+$ and $B^0 \rightarrow D_s^* \bar{a}^+ K$ decays. Physical Review D, 2010, 81, .1.6		5
128	Measurement of C and P violating asymmetries in $B \rightarrow B^0 K^0$ decays. Physical Review D, 2010, 82, .	1.6	35
129	Measurement of CP in D meson decays to the $K_S^0 K^+ K^-$ final state. Physical Review D, 2009, 80, .	1.6	19
130	Measurement of the Decay $B_s^0 \rightarrow D_s^+ \bar{c} \ell^+$ and Evidence for $B_s^0 \rightarrow D_s^+ \bar{c} K^+ \ell^+$ Annihilation at $\sqrt{s} = 10.87 \text{ GeV}$. Physical Review Letters, 2009, 102, 021801.	2.9	42
131	Time-dependent Dalitz plot measurement of CP parameters in $B^0 \rightarrow K_S^0 \bar{c} \ell^+$ decays. Physical Review D, 2009, 79, .	1.6	30
132	Measurement of the Differential Branching Fraction and Forward-Backward Asymmetry for $B \rightarrow B^0 K^0$ decays. Physical Review D, 2009, 79, .	1.6	321
133	Measurement of the branching fraction for the decay $B \rightarrow B^0 K^0$ and $B \rightarrow B^0 K^+ K^-$. Physical Review D, 2009, 79, .	1.5	56
134	Measurement of the branching fraction for the decay $B \rightarrow B^0 K^0$ and $B \rightarrow B^0 K^+ K^-$. Physical Review D, 2009, 79, .	1.6	9
135	Measurement of the cross section for $B \rightarrow B^0 K^0$ and $B \rightarrow B^0 K^+ K^-$. Physical Review D, 2009, 79, .	1.6	51
136	Search for the $X(1812)$ in $B \rightarrow K^+ K^- \ell^+ \ell^-$. Physical Review D, 2009, 79, .	1.6	8
137	Evidence of time-dependent CP violation in the decay $B \rightarrow B^0 K^0$. Physical Review D, 2009, 80, .	1.6	5
138	Observation of $B^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow \bar{D}^0 K^+ K^-$ at Belle. Physical Review D, 2009, 79, .	1.6	19
139	High-statistics study of neutral-pion pair production in two-photon collisions. Physical Review D, 2009, 79, .	1.6	41
140	B, D and K decays. Advances in the Physics of Particles and Nuclei, 2009, , 297-480.	0.1	0
141	Study of the decay mechanism for $B \rightarrow B^0 K^0$ and $B \rightarrow B^0 K^+ K^-$. Physical Review D, 2009, 79, .		
142	Search for lepton flavor violating \bar{L}_i decays into three leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 154-160.	1.5	47
143	Measurement of the ratio $B \rightarrow B^0 K^0$ and $B \rightarrow B^0 K^+ K^-$. Physical Review D, 2009, 79, .		
144	Search for resonant $B \rightarrow B^0 K^0$ and $B \rightarrow B^0 K^+ K^-$ decays at Belle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 323-329.	1.5	9

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145	Search for lepton-flavor-violating $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ Measurement of Phases of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ Measurement of Phases of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ 2008,	1.5	14
146	Study of charmless $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (stretchy="false")	1.5	27
147	Study of intermediate two-body decays in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ decays at Belle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008,	1.6	132
148	Study of charmless $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 607 Td (stretchy="false")	1.5	59
149	Study of charmonia in four-meson final states produced in two-photon collisions. European Physical Journal C, 2008, 53, 1-14.	1.4	25
151	B, D and K decays. European Physical Journal C, 2008, 57, 309-492.	1.4	146
152	Difference in direct charge-parity violation between charged and neutral B meson decays. Nature, 2008, 452, 332-335.	13.7	99
153	Improved search for D^0 - \bar{D}^0 mixing using semileptonic decays at Belle. Physical Review D, 2008, 77, .	1.6	21
154	Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ initial-state radiation at Belle. Physical Review D, 2008, 77, .	1.6	81
155	CP asymmetries and branching fractions in a time-dependent Dalitz analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

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163	Study of the suppressed B meson decay $B \rightarrow D^* K^* \ell^+ \ell^-$. Physical Review D, 2008, 78, .	1.6	9
164	Search for $B \rightarrow D^* \ell^+ \ell^-$ decay at Belle. Physical Review D, 2008, 77, .	1.6	6
165	Measurement of $B \rightarrow D^* \ell^+ \ell^-$ and search for $B \rightarrow D^* \ell^+ \ell^-$. Physical Review D, 2008, 78, .	1.6	12
166	Jumping into CMB polarization measurements – a new group at KEK. AIP Conference Proceedings, 2008, .	0.3	11
167	Measurement of the Time-Dependent CP Asymmetries in $B \rightarrow D^* K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2008, 101, 251601.	2.9	18
168	Time-Dependent C P -Violating Asymmetry in $B \rightarrow D^* \ell^+ \ell^-$. Physical Review Letters, 2008, 100, 021602.	2.9	11
169	Stretchy = "false" (</mml:mo> <mml:mn>1</mml:mn> <mml:mi>S</mml:mi> <mml:mo>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50</mml:mo> <mml:mi>Ï</mml:mi> <mml:mo>		

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181	Observation of a New χ_{c1} Structure in the $B \rightarrow K \pi \pi$ Decays. Physical Review Letters, 2008, 100, 092001.	2.9	132
182	Observation of $B_s \rightarrow \tau^+ \tau^-$ and Search for $B_s \rightarrow \tau^+ \tau^-$ Decays at Belle. Physical Review Letters, 2008, 100, 121801.	2.9	28
183	Measurement of Time-Dependent CP-Violating Parameters in $B \rightarrow K^* K^0$ Decays. Physical Review Letters, 2008, 100, 121601.	2.9	13
184	Publisher's Note: Measurement of Branching Fractions, Isospin, and CP-Violating Asymmetries for Exclusive $B \rightarrow \pi^+ \pi^-$ Modes [Phys. Rev. Lett. 101, 111801 (2008)]. Physical Review Letters, 2008, 101, .	2.9	3
185	Measurement of $B(D_s \rightarrow \tau^+ \tau^- + \tau^+ \tau^-)$. Physical Review Letters, 2008, 100, 241801.	2.9	40
186	Observation of a Resonance-like Structure in the $B \rightarrow K \pi \pi$ Distribution in Exclusive $B \rightarrow K \pi \pi$ Decays. Physical Review Letters, 2008, 100, 241801.	2.9	464
187	Observation of a Near-Threshold Enhancement in the $B \rightarrow K \pi \pi$ Decays. Physical Review Letters, 2008, 101, 172001.	2.9	235
188	On the physics case of a super flavour factory. Journal of High Energy Physics, 2008, 2008, 110-110.	1.6	26
189	Measurement of the Near-Threshold $B \rightarrow K^* K^0$ Cross Section using Initial-State Radiation. Physical Review Letters, 2007, 98, 092001.	2.9	100
190	Observation of Time-Dependent CP Violation in $B \rightarrow \pi^+ \pi^- K^0$ Decays and Improved Measurements of CP Asymmetries in $B \rightarrow \pi^+ \pi^- K^0$, $B \rightarrow \pi^+ \pi^- K^0$ and $B \rightarrow \pi^+ \pi^- K^0$ Decays. Physical Review Letters, 2007, 98, 031802.	2.9	101
191	Observation of a Charmonium-like State Produced in Association with J/ψ Annihilation at $\sqrt{s} \approx 10.6$ GeV. Physical Review Letters, 2007, 98, 082001.	2.9	217
192	Observation of B Decays to Two Kaons. Physical Review Letters, 2007, 98, 181804.	2.9	19
193	Search for Invisible Decay of the $\chi(1S)$. Physical Review Letters, 2007, 98, 132001.	2.9	34
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239	$\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$	1.5	47
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332	Observation of $B^0 \rightarrow \bar{1} \bar{1} p \bar{1}$ and searches for $B^0 \rightarrow \bar{1} \bar{1} \Omega p \bar{1}$ and $B^0 \rightarrow \bar{1} \bar{1} \Omega p \bar{1}$ decays. Physical Review D, 2005, 72, 1.6	1.6	22
333	Measurements of branching fractions and CP asymmetries in $B \rightarrow \bar{1} h$ decays. Physical Review D, 2005, 71, .	1.6	16
334	Improved measurements of the partial rate asymmetry in $B \rightarrow h h$ decays. Physical Review D, 2005, 71, .	1.6	16
335	Search for $B^0 \rightarrow p \bar{1} \bar{1}$, $B^0 \rightarrow \bar{1} \bar{1} \bar{1}$, and $B^0 \rightarrow \bar{1} \bar{1} \bar{1}$ at Belle. Physical Review D, 2005, 71, .	1.6	12
336	Search for D^0 - D^0 mixing using semileptonic decays at Belle. Physical Review D, 2005, 72, .	1.6	21
337	Study of CP Violating Effects in Time Dependent $B^0(B^0, 0) \rightarrow D^{(*)} \bar{1} \bar{1}$ Decays. Physical Review Letters, 2004, 93, 031802.	2.9	9
338	Evidence for Direct CP Violation in $B^0 \rightarrow K^+ \bar{1} \bar{1}$ Decays. Physical Review Letters, 2004, 93, 191802.	2.9	129
339	Measurement of the branching fractions for $B \rightarrow \bar{1} K$ and $B \rightarrow \bar{1} \bar{1}$. Physical Review D, 2004, 70, .	1.6	5
340	Evidence for $B^0 \rightarrow \bar{1} \bar{1} \bar{1}$. Physical Review Letters, 2004, 93, 131802.	2.9	13
341	Observation of $B \rightarrow \bar{1} \bar{1} \bar{1}$, $B^0 \rightarrow p \bar{1} \bar{1} K^0$, and $B \rightarrow \bar{1} \bar{1} K^+$. Physical Review Letters, 2004, 92, 131801.	2.9	68
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345	Measurement of the CP Asymmetry in $B^0 \rightarrow X_{s1} \pi^0$. Physical Review Letters, 2004, 93, 031803.	2.9	36
346	Measurements of the D_{s1} Resonance Properties. Physical Review Letters, 2004, 92, 012002.	2.9	127
347	Measurement of the $e^+ e^- \rightarrow D^{(*)} + D^{(*)}$ cross sections. Physical Review D, 2004, 70, .	1.6	5
348	Study of $B^0 \rightarrow D^{*0} \pi^0$ ($D^{*0} \rightarrow D^{(*)} + \pi^0$) decays. Physical Review D, 2004, 69, .	1.6	221
349	Observation of $B^0 \rightarrow D^{*+} (5\text{I}\epsilon)^+$, $B^+ \rightarrow D^{*+} (4\text{I}\epsilon)^{++}$ and $B^+ \rightarrow D^+ \Delta^0 (5\text{I}\epsilon)^+$. Physical Review D, 2004, 70, .	1.6	6
350	Search for CP Violation in the Decay $B^0 \rightarrow D^{*+} \Delta^{\pm}$. Physical Review Letters, 2004, 93, 201802.	2.9	17
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352	Observation of $B^+ \rightarrow \pi^0 \pi^+ K^+$. Physical Review Letters, 2004, 93, 211801.	2.9	44
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354	Observation of $B^+ \rightarrow \pi^0 (3770) K^+$. Physical Review Letters, 2004, 93, 051803.	2.9	40
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356	Measurement of the $B^0 \rightarrow K^0 \pi^0$ branching fractions and asymmetries. Physical Review D, 2004, 69, .	1.6	85
357	Evidence for $B^+ \rightarrow \pi^0 \rho^+ \pi^0$. Physical Review Letters, 2004, 93, 131803.	2.9	17
358	Search for $B^0 \rightarrow \pi^0 \rho^0 \pi^0$ decay. Physical Review D, 2004, 69, .	1.6	4
359	Measurement of $ V_{ub} $ Using Inclusive $B^0 \rightarrow Xu^+$, $\pi^0 \pi^0$ Decays with a Novel Xu-Reconstruction Method. Physical Review Letters, 2004, 92, 101801.	2.9	32
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362	Measurement of $\Gamma(B \rightarrow D^* K^*)$ with Dalitz plot analysis of $B \rightarrow D^* K^*$ decay. Physical Review D, 2004, 70, .	1.6	73
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364	Study of double charmonium production in e^+e^- annihilation at $\sqrt{s} = 10.6$ GeV. Physical Review D, 2004, 70, .	2.0	130
365	Study of B meson decays to three-body charmless hadronic final states. Physical Review D, 2004, 69, .	1.6	55
366	The data acquisition system of the Belle silicon vertex detector (SVD) upgrade. IEEE Transactions on Nuclear Science, 2004, 51, 2064-2068.	1.2	2
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368	Neutral B meson decays to three-body charmless hadronic final states. Physical Review D, 2004, 69, .	0.7	87
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370	Large direct CP violation in $B \rightarrow \pi \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 285-292.	1.5	9
371	Search for neutrinoless decays $\tilde{\nu}_\tau \rightarrow \tau \nu_\mu$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 103-110.	1.5	39
372	Time-dependent CP violation in $B \rightarrow \pi \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 285-292.	1.5	34
373	Search for the electric dipole moment of the $\tilde{\nu}_\tau$, lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 16-26.	1.5	28
374	The Belle trigger system with the new silicon vertex detector SVD2. IEEE Transactions on Nuclear Science, 2004, 51, 1852-1856.	1.2	2
375	Neutral B flavor tagging for the measurement of mixing-induced CP violation at Belle. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 516-531.	0.7	6
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377	Search for the electric dipole moment of the $\tilde{\nu}_\tau$, lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 16-26.	1.5	101
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381	Evidence for $B^0 \rightarrow \bar{D}^0 K$. Physical Review Letters, 2003, 91, 241802.	2.9	18
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383	Study of time-dependent CP-violating asymmetries in $B^0 \rightarrow \bar{D}^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2003, 67, .	1.6	27
384	Observation of $B^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow \bar{D}^0 K^0$ Decays. Physical Review Letters, 2003, 90, 141802.	2.9	28
385	Measurement of branching fractions and charge asymmetries for two-body B meson decays with charmonium. Physical Review D, 2003, 67, .	1.6	34
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387	Evidence for $B^0 \rightarrow \bar{D}^0 \bar{K}^0$. Physical Review Letters, 2003, 91, 261801.	2.9	140
388	Evidence for CP-violating asymmetries in $B^0 \rightarrow \bar{D}^0 K^{\pm}$ decays and constraints on the CKM angle β_2 . Physical Review D, 2003, 68, .	1.6	41
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394	Observation of $B^0 \rightarrow \bar{D}^0 K^0$ Decays. Physical Review Letters, 2003, 91, 221801.	2.9	90
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403	Observation of the $\chi_c(2S)$ in Exclusive $B \rightarrow K K^* \pi^0$ Decays. Physical Review Letters, 2002, 89, 102001.	2.9	141
404	Study of CP-Violating Asymmetries in $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2002, 89, 071801.	2.9	21
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411	Observation of the Decay $B \rightarrow \pi^0 \pi^0 D^0$. Physical Review Letters, 2002, 89, 122001.	2.9	15
412	Observation of $B \rightarrow \pi^0 \pi^0 K^+$. Physical Review Letters, 2002, 88, 031802.	2.9	41
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418	Observation of $B^{\pm} \rightarrow \rho^{\pm} p \bar{K}^{\pm}$. Physical Review Letters, 2002, 88, 181803.	2.9	105
419	Observation of $B^{\pm} \rightarrow \rho^{\pm} K^{\pm}$ Decay. Physical Review Letters, 2002, 89, 191801.	2.9	12
420	Study of three-body charmless B decays. Physical Review D, 2002, 65, .	1.6	73
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422	Measurement of the Lifetime Difference in D Meson Decays. Physical Review Letters, 2002, 88, 162001.	2.9	31
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480	The improved ladder production for the belle silicon vertex detector (SVD2.1). , 0, , .		0
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482	Test of a double-sided double-metal silicon microstrip detector with an ONO insulator. , 0, , .		0
483	Performance of the Belle silicon vertex detector. , 0, , .		4