

Hiroaki Aihara

List of Publications by Year in descending order

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267
papers

22,864
citations

10956

71
h-index

8835

145
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270
all docs

270
docs citations

270
times ranked

13825
citing authors

#	ARTICLE	IF	CITATIONS
1	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	1.9	1,700
2	Observation of a Narrow Charmoniumlike State in Exclusive $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2003, 91, 262001.	2.9	1,526
3	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29.	3.0	1,166
4	Observation of the Top Quark. <i>Physical Review Letters</i> , 1995, 74, 2632-2637.	2.9	1,100
5	Study of $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ and $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	617
6	The Hyper Suprime-Cam SSP Survey: Overview and survey design. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	566
7	Observation of Two Charged Bottomoniumlike Resonances in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	521
8	Extragalactic science, cosmology, and Galactic archaeology with the Subaru Prime Focus Spectrograph. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	1.0	469
9	Observation of a Resonance-like Structure in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	464
10	Measurement of the $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ and $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	457
11	Cosmology from cosmic shear power spectra with Subaru Hyper Suprime-Cam first-year data. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	1.0	413
12	Observation of Two Resonant Structures in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	348
13	Measurement of the $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ and $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	338
14	First data release of the Hyper Suprime-Cam Subaru Strategic Program. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	327
15	Measurement of the $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ and $\langle \sigma_{\text{had}}^{\text{had}} \rangle$ in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2009, 103, 171801.	2.9	321
16	Second data release of the Hyper Suprime-Cam Subaru Strategic Program. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	1.0	320
17	Observation of a Near-Threshold $B \rightarrow K^* \ell \bar{\nu}_\ell$ Mass Enhancement in Exclusive $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. <i>Physical Review Letters</i> , 2005, 94, 182002.	2.9	295
18	Hyper Suprime-Cam: System design and verification of image quality. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	289

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19	Observation of Doublecharm Production in e^+e^- Annihilation at $\sqrt{s} = 10.6$ GeV. Physical Review Letters, 2002, 89, 142001.	2.9	268
20	Lepton-Flavor-Dependent Angular Analysis of $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2017, 118, 111801.	2.9	252
21	Observation of a Near-Threshold Enhancement in the $B \rightarrow e^+e^-$ Section Using Initial-State Radiation. Physical Review Letters, 2008, 101, 172001.	2.9	235
22	Observation of the $D_s(2317)$ and $D_s(2457)$ in B Decays. Physical Review Letters, 2003, 91, 262002.	2.9	229
23	Observation of New States Decaying into $\bar{c} + K^0$ and $\bar{c} + K^0_S$. Physical Review Letters, 2006, 97, 162001.	2.9	216
24	Evidence for D^0 – \bar{D}^0 Mixing. Physical Review Letters, 2007, 98, 211803.	2.9	210
25	Evidence of the Purely Leptonic Decay $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2006, 97, 251802.	2.9	195
26	Observation of a Near-Threshold Enhancement in $B \rightarrow D^0 \bar{D}^0$ Decay. Physical Review Letters, 2006, 97, 162002.	2.9	171
27	Measurement of Azimuthal Asymmetries in Inclusive Production of Hadron Pairs in e^+e^- Annihilation at Belle. Physical Review Letters, 2006, 96, 232002.	2.9	169
28	Cosmological constraints from cosmic shear two-point correlation functions with HSC survey first-year data. Publication of the Astronomical Society of Japan, 2020, 72, .	1.0	169
29	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
30	Observation of Anomalous $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2006, 97, 162002.		

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37	Search for a New Resonance and Search for the χ_{c0} in $B \rightarrow \chi_{c0} \gamma$ Decays. Physical Review Letters, 2006, 96, 251803.	2.9	122
38	Evidence for Large Direct CP Violation in $B \rightarrow \pi^0 \pi^0$ Decays from Analysis of Three-Body Charmless $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2006, 96, 251803.	2.9	120
39	Search for the top quark in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1994, 72, 2138-2142.	2.9	119
40	Observation of an Isotriplet of Excited Charmed Baryons Decaying to $\Lambda_c \pi$. Physical Review Letters, 2005, 94, 122002.	2.9	117
41	Third data release of the Hyper Suprime-Cam Subaru Strategic Program. Publication of the Astronomical Society of Japan, 2022, 74, 247-272.	1.0	117
42	Measurement of the Top Quark Mass Using Dilepton Events. Physical Review Letters, 1998, 80, 2063-2068.	2.9	110
43	Measurement of Branching Fractions and Polarization in $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2003, 91, 201801.	2.9	109
44	Charged-Hadron Inclusive Cross Sections and Fractions in e^+e^- Annihilation at $\sqrt{s} = 29$ GeV. Physical Review Letters, 1988, 61, 1263-1266.	2.9	107
45	Measurement of the CP Violation Parameters $\sin 2\beta_1$ in B_d^0 Meson Decays. Physical Review Letters, 2001, 86, 2509-2514.	2.9	107
46	Observation of $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2002, 88, 181803.	2.9	105
47	Observation of $B \rightarrow \pi^0 \pi^0$ Decays at Belle. Physical Review Letters, 2007, 99, 191807.	2.9	105
48	Search for Squarks and Gluinos in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1995, 75, 618-623.	2.9	104
49	Inclusive $1/4$ and b -Quark Production Cross Sections in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1995, 74, 3548-3552.	2.9	102
50	Difference in direct charge-parity violation between charged and neutral B meson decays. Nature, 2008, 452, 332-335.	13.7	99
51	Measurement of $B_d^0 \rightarrow B_d^0$ Mixing Rate from the Time Evolution of Dilepton Events at the $\psi(4S)$. Physical Review Letters, 2001, 86, 3228-3232.	2.9	96
52	Measurement of Polarization and Triple-Product Correlations in $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2005, 94, 221804.	2.9	96
53	Observation of $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2002, 89, 151802.	2.9	90
54	Observation of $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2003, 91, 221801.	2.9	90

#	ARTICLE	IF	CITATIONS
55	Measurement of $D^0 \rightarrow D^* \pi$ Mixing Parameters in $D^0 \rightarrow K^* \pi$ Decays. Physical Review Letters, 2007, 99, 131803.2.9	2.9	90
56	Pion and Kaon Pair Production in Photon-Photon Collisions. Physical Review Letters, 1986, 57, 404-407.	2.9	89
57	Upper Bound on the Decay $\Gamma(B_c \rightarrow \mu^+ \mu^-)$ from the Belle Detector. Physical Review Letters, 2004, 92, 171802.	2.9	88
58	Experimental Constraints on the Spin and Parity of the $\chi_c(2880)^+$. Physical Review Letters, 2007, 98, 262001.	2.9	88
59	Measurement of Inclusive Radiative $B \rightarrow \gamma$ -Meson Decays with a Photon Energy Threshold of 1.7 GeV. Physical Review Letters, 2009, 103, 241801.	2.9	88
60	Search for Light Top Squarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1996, 76, 2222-2227.	2.9	85
61	Precise Measurement of the C Violation Parameter $\sin^2 2\beta$. Physical Review Letters, 2003, 91, 261602.	2.9	83
62	Search for High Mass Top Quark Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 74, 2422-2426.	2.9	82
63	Measurement of Time-Dependent CP-Violating Asymmetries in $B^0 \rightarrow K^* K_S$, $K^+ K^* K_S$, and $\bar{B}^0 \rightarrow K^* K_S$ Decays. Physical Review Letters, 2003, 91, 261602.	2.9	82
64	Observation of $B^0 \rightarrow K^* \pi^+$, $B^0 \rightarrow K^* \pi^0$, $B^0 \rightarrow K^* \pi^-$. Physical Review Letters, 2003, 91, 261601.	2.9	79
65	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	2.9	79
66	Observation of $B^0 \rightarrow Z \mu^+ \mu^-$. Physical Review Letters, 2003, 91, 261602.	2.9	77
67	Charged Hadron Production in e^+e^- Annihilation at 29 GeV. Physical Review Letters, 1984, 52, 577-580.	2.9	76
68	Investigation of the electromagnetic structure of f_1 and $f_1(1260)$ mesons by two-photon interactions. Physical Review Letters, 1990, 64, 172-175.	2.9	75
69	Top quark search with the D0 1992-1993 data sample. Physical Review D, 1995, 52, 4877-4919.	1.6	74
70	Measurement of Branching Fractions for $B^0 \rightarrow \pi^+ \pi^-$, $B^0 \rightarrow K^+ K^-$, and $B^0 \rightarrow K^0 \bar{K}^0$ Decays. Physical Review Letters, 2001, 87, 101801.	2.9	74
71	Measurement of Forward-Backward Asymmetry and Wilson Coefficients in $B^0 \rightarrow K^* l^+ l^-$. Physical Review Letters, 2006, 96, 251801.	2.9	74
72	Measurement of the Top Quark Pair Production Cross Section in $p\bar{p}$ Collisions. Physical Review Letters, 1997, 79, 1203-1208.	2.9	70

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91	Study of Bose-Einstein correlations in e^+e^- annihilation at 29 GeV. Physical Review D, 1985, 31, 996-1003.	1.6	50
92	Measurement of the W Boson Mass. Physical Review Letters, 1996, 77, 3309-3314.	2.9	50
93	Limits on Anomalous $WW\tilde{W}^3$ Couplings from $pp\tilde{A}^+\tilde{W}^3+X$ Events at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 78, 3634-3639.	2.9	48
94	Measurement of the Branching Fraction, Polarization, and CP Asymmetry for $B^0\rightarrow\tilde{A}^+\tilde{A}^-$ Decays, and Determination of the Cabibbo-Kobayashi-Maskawa Phase β_2 . Physical Review Letters, 2006, 96, 171801.	2.9	48
95	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in $p\tilde{A}^-p$ Collisions. Physical Review Letters, 1997, 79, 4321-4326.	2.9	47
96	Measurement of Einstein-Podolsky-Rosen-Type Flavor Entanglement in $B\rightarrow\tilde{A}^+\tilde{A}^-$ Decays. Physical Review Letters, 2007, 99, 131802.	2.9	47
97	Search for Heavy Pointlike Dirac Monopoles. Physical Review Letters, 1998, 81, 524-529.	2.9	46
98	Search for First Generation Scalar Leptoquark Pairs in $pp\tilde{A}^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2051-2056.	2.9	46
99	Observation of Direct CP Violation in $B^0\rightarrow\tilde{A}^+\tilde{A}^-$ Decays and Model-Independent Constraints on the Quark-Mixing Angle β_2 . Physical Review Letters, 2007, 98, 211801.	2.9	46
100	Observation of the Decay $B^0\rightarrow\tilde{A}^+\tilde{A}^-c+p\tilde{A}^-$. Physical Review Letters, 2003, 90, 121802.	2.9	45
101	Evidence for a Spin-1 Particle Produced by Two Photons. Physical Review Letters, 1986, 57, 2500-2503.	2.9	44
102	First generation leptoquark search in $pp\tilde{A}^-$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1994, 72, 965-969.	2.9	44
103	Small Angle \tilde{A}^0 Production in $pp\tilde{A}^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1999, 82, 35-40.	2.9	44
104	Observation of $B^+\rightarrow\tilde{A}^+\tilde{A}^+K^+$. Physical Review Letters, 2004, 93, 211801.	2.9	44
105	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	2.9	44
106	Observation of $e^+e^-\rightarrow\tilde{A}^+\tilde{A}^-$ Decays. Physical Review Letters, 2014, 113, 142001.	2.9	44
107	Search for the Dark Photon and the Dark Higgs Boson at Belle. Physical Review Letters, 2015, 114, 211801.	2.9	44
108	Radiative B Meson Decays into $K\tilde{A}^3$ and $K\tilde{A}^3$ Final States. Physical Review Letters, 2002, 89, 231801.	2.9	43

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109	Measurements of the Branching Fraction and Polarization in $B \rightarrow \pi^+ \pi^0 K^0$ Decays. <i>Physical Review Letters</i> , 2005, 95, 141801.	2.9	43
110	Search for W Boson Pair Production in pp Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1995, 75, 1023-1027.	2.9	42
111	Jet Production via Strongly Interacting Color-Singlet Exchange in pp Collisions. <i>Physical Review Letters</i> , 1996, 76, 734-739.	2.9	42
112	Observation of $B \rightarrow \pi^+ \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2005, 94, 181803.	2.9	42
113	Absorption cross sections for antiprotons on carbon, aluminum and copper at 485 and 597 MeV/c. <i>Nuclear Physics A</i> , 1981, 360, 291-296.	0.6	41
114	Observation of $b \rightarrow d \pi^3$ and Determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2006, 96, 221601.	2.9	41
115	Measurement of CP Asymmetry in a Time-Dependent Dalitz Analysis of $B \rightarrow \pi^+ \pi^0$ and a Constraint on the Quark Mixing Matrix Angle α_2 . <i>Physical Review Letters</i> , 2007, 98, 221602.	2.9	41
116	Evidence against the Narrow $S(1936)$ in a Measurement of $p\bar{p}$ Total Cross Section. <i>Physical Review Letters</i> , 1980, 44, 1439-1442.	2.9	40
117	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1996, 77, 5011-5015.	2.9	40
118	Observation of $D_s + K^0$ and Evidence for $D_s + \pi^0$ Final States in Neutral B Decays. <i>Physical Review Letters</i> , 2002, 89, 231804.	2.9	40
119	Measurement of $B(D_s + \pi^+ \pi^0 + \pi^+ \pi^0)$. <i>Physical Review Letters</i> , 2008, 100, 241801.	2.9	40
120	Search for CP Violation in the Decays $D(s) \rightarrow \pi^+ K^0 \pi^0$ and $D(s) \rightarrow \pi^+ K^0 K^+$. <i>Physical Review Letters</i> , 2010, 104, 181602.	2.9	40
121	Experimental limit on $\pi^+ \pi^0 \pi^0$ and the interpretation of the ι as a glueball. <i>Physical Review Letters</i> , 1986, 57, 51-54.	2.9	39
122	Comparison of the Particle Flow in $q\bar{q}$ and $q\bar{q} \rightarrow \pi^0$ Events in e^+e^- Annihilation. <i>Physical Review Letters</i> , 1986, 57, 945-948.	2.9	39
123	Production of four-prong final states in photon-photon collisions. <i>Physical Review D</i> , 1988, 37, 28-40.	1.6	39
124	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. <i>Physical Review Letters</i> , 1996, 77, 595-600.	2.9	38
125	Search for an H -Dibaryon with a Mass near $2m_p$ in $\pi(1S)$ and $\pi(2S)$ Decays. <i>Physical Review Letters</i> , 2013, 110, 222002.	2.9	38
126	PROPERTIES OF WEAK LENSING CLUSTERS DETECTED ON HYPER SUPRIME-CAM's 2.3 deg ² FIELD. <i>Astrophysical Journal</i> , 2015, 807, 22.	1.6	37

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127	Measurement of the $WW\hat{\Gamma}^3$ Gauge Boson Couplings in $pp\hat{\Gamma}^3$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 1034-1039.	2.9	36
128	Study of the $ZZ\hat{\Gamma}^3$ and $Z\hat{\Gamma}^3\hat{\Gamma}^3$ Couplings in $Z(\hat{\Gamma}^3/2\hat{\Gamma}^3)\hat{\Gamma}^3$ Production. Physical Review Letters, 1997, 78, 3640-3645.	2.9	36
129	Experimental Search for Chargino and Neutralino Production in Supersymmetry Models with a Light Gravitino. Physical Review Letters, 1998, 80, 442-447.	2.9	36
130	International Scoping Study (ISS) for a future neutrino factory and Super-Beam facility. Detectors and flux instrumentation for future neutrino facilities. Journal of Instrumentation, 2009, 4, T05001-T05001.	0.5	36
131	Evidence for the Suppressed Decay $B\hat{\Gamma}^3\hat{\Gamma}^3\hat{\Gamma}^3$. Physical Review Letters, 2011, 106, 231803.	2.9	36
132	$\hat{\Gamma}^3$ Production in e^+e^- Annihilation at 29 GeV. Physical Review Letters, 1985, 54, 274-277.	2.9	35
133	Study of baryon correlations in e^+e^- annihilation at 29 GeV. Physical Review Letters, 1986, 57, 3140-3143.	2.9	35
134	Observation of scaling of the photon structure function $F_2^{\hat{\Gamma}^3}$ at low Q^2 . Physical Review Letters, 1987, 58, 97-100.	2.9	35
135	Search for $C\hat{\Gamma}^3$ Violation in e^+e^- Annihilation at Belle. Physical Review Letters, 2011, 107, 131801.	2.9	35
136	Search for Invisible Decay of the $\hat{\Gamma}^3(1S)$. Physical Review Letters, 2007, 98, 132001.	2.9	34
137	Small-angle $p\hat{\Gamma}^3, p$ elastic scattering and the real-to-imaginary ratio of the forward amplitude between. Nuclear Physics A, 1985, 433, 580-604.	0.6	33
138	Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in $pp\hat{\Gamma}^3$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 80, 5498-5503.	2.9	32
139	A Measurement of the W Boson Mass at the Fermilab $pp\hat{\Gamma}^3$ Collider. Physical Review Letters, 1998, 80, 3008-3013.	2.9	32
140	Measurement of $ V_{ub} $ Using Inclusive $B\hat{\Gamma}^3\hat{\Gamma}^3$ Decays with a Novel X_u -Reconstruction Method. Physical Review Letters, 2004, 92, 101801.	2.9	32
141	First Observation of the Hadronic Transition $\hat{\Gamma}^3\hat{\Gamma}^3$. Physical Review Letters, 2011, 107, 131801.	2.9	32
142	Measurement of the total hadronic cross section in tagged $\hat{\Gamma}^3\hat{\Gamma}^3$ reactions. Physical Review D, 1990, 41, 2667-2674.	1.6	31
143	Search for Diphoton Events with Large Missing Transverse Energy in $pp\hat{\Gamma}^3$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 78, 2070-2074.	2.9	31
144	$Z\hat{\Gamma}^3$ production in $pp\hat{\Gamma}^3$ collisions at $\sqrt{s}=1.8\text{TeV}$ and limits on anomalous $ZZ\hat{\Gamma}^3$ and $Z\hat{\Gamma}^3\hat{\Gamma}^3$ couplings. Physical Review D, 1998, 57, R3817-R3821.	1.6	31

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163	Search for narrow structures in $p\bar{p}$ total cross section from 395 to 740 MeV/c. Physical Review D, 1984, 29, 349-362.	1.6	25
164	Study of the Strong Coupling Constant Using W +Jet Processes. Physical Review Letters, 1995, 75, 3226-3231.	2.9	25
165	Search for a Fourth Generation Charge $\frac{1}{3}$ Quark via Flavor Changing Neutral Current Decay. Physical Review Letters, 1997, 78, 3818-3823.	2.9	25
166	Study of charmonia in four-meson final states produced in two-photon collisions. European Physical Journal C, 2008, 53, 1-14.	1.4	25
167	Search for Charge $\frac{1}{3}$ Third-Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 38-43.	2.9	24
168	Radiation hardness of VA1 with submicron process technology. IEEE Transactions on Nuclear Science, 2001, 48, 440-443.	1.2	24
169	Baryon Production in e^+e^- Annihilation at $\sqrt{s}=29$ GeV: Clusters or Diquarks?. Physical Review Letters, 1985, 55, 1047-1050.	2.9	23
170	Search for Trilepton Signatures from Associated Gaugino Pair Production. Physical Review Letters, 1998, 80, 1591-1596.	2.9	23
171	Observation of the $D(2420)^+ D_s^{*-}$ Decays. Physical Review Letters, 2005, 94, 221805.	2.9	23
172	Study of $B_0 \rightarrow \pi^+ \pi^-$ Time-Dependent CP Violation at Belle. Physical Review Letters, 2005, 94, 121801.	2.9	23
173	Tests of Models for Parton Fragmentation by Means of Three-Jet Events in e^+e^- Annihilation at $\sqrt{s}=29$ GeV. Physical Review Letters, 1985, 54, 270-273.	2.9	22
174	Charmonium Production in Photon-Photon Collisions. Physical Review Letters, 1988, 60, 2355-2358.	2.9	22
175	Improved Evidence for Direct CP Violation in $B_0 \rightarrow \pi^+ \pi^-$ Decays and Model-Independent Constraints on β_2 . Physical Review Letters, 2005, 95, 101801.	2.9	22
176	η' -Meson Production in e^+e^- Annihilations at 29 GeV. Physical Review Letters, 1984, 52, 2201-2204.	2.9	21
177	Study of η' formation in photon-photon collisions. Physical Review D, 1987, 35, 2650-2654.	1.6	20
178	First Observation of $B \rightarrow s \gamma$. Physical Review Letters, 2006, 96, 111801.	2.9	20
179	Observation of $B \rightarrow D^* \gamma$. Physical Review Letters, 2014, 112, 111801.	2.9	20
180	Measurement of the Inclusive Branching Fraction $\mathcal{B}(B \rightarrow \pi^+ \pi^- \pi^0)$ and Neutral Meson(s). Physical Review Letters, 1986, 57, 1836-1838.	2.9	19

#	ARTICLE	IF	CITATIONS
199	Observation of $C \rightarrow P$ Violation in $B \rightarrow C \bar{C} B$ Decays. Physical Review Letters, 2002, 89, 251803.	2.9	14
200	Measurement of $B \rightarrow C \bar{C} B$ branching ratios. Physical Review D, 1987, 35, 1553-1561.	1.6	13
201	Search for top squark pair production in the dielectron channel. Physical Review D, 1998, 57, 589-593.	1.6	13
202	Measurement of the $B \rightarrow C \bar{C} B$ Mixing Parameter θ using Semileptonic Decays. Physical Review Letters, 2002, 89, 251803.	2.9	13
203	Evidence for $B \rightarrow C \bar{C} B$. Physical Review Letters, 2004, 93, 131802.	2.9	13
204	Study of $B \rightarrow C \bar{C} B$ and Observation of $B \rightarrow C \bar{C} B$ at Belle. Physical Review Letters, 2006, 97, 162003.	2.9	13
205	Measurement of Time-Dependent CP-Violating Parameters in $B \rightarrow C \bar{C} B$ Decays. Physical Review Letters, 2008, 100, 121601.	2.9	13
206	Hyper Suprime-Cam: camera design. Proceedings of SPIE, 2010, , .	0.8	13
207	Exclusive production of proton-antiproton pairs in two-photon collisions. Physical Review D, 1987, 36, 3506-3509.	1.6	12
208	Experimental limit on the decay $B \rightarrow C \bar{C} B$. Physical Review Letters, 1987, 59, 751-754.	2.9	12
209	Clinicopathological Differences Between Early-onset and Late-onset Sepsis and Pneumonia in Very Low Birth Weight Infants. Pediatric Pathology, 1990, 10, 757-768.	0.5	12
210	Observation of $B \rightarrow C \bar{C} B$ Decay. Physical Review Letters, 2002, 89, 191801.	2.9	12
211	Measurement of the Time-Dependent CP-Violating Asymmetry in $B \rightarrow C \bar{C} B$ Decays. Physical Review Letters, 2005, 94, 231601.	2.9	12
212	Observation of the Decay $B \rightarrow C \bar{C} B$. Physical Review Letters, 2007, 98, 131803.	2.9	12
213	Observation of New Resonant Structures in $B \rightarrow C \bar{C} B$, $B \rightarrow C \bar{C} B$, and $B \rightarrow C \bar{C} B$. Physical Review Letters, 2012, 108, 232001.	2.9	12
214	Search for Charge-43e Particles Produced in e^+e^- Annihilations. Physical Review Letters, 1984, 52, 168-171.	2.9	11
215	Improvement of radiation hardness of double-sided silicon strip detector for Belle SVD upgrade. IEEE Transactions on Nuclear Science, 2002, 49, 1593-1597.	1.2	11
216	Study of Time-Dependent CP Violation in $B \rightarrow C \bar{C} B$ Decays. Physical Review Letters, 2004, 93, 261801.	2.9	11

#	ARTICLE	IF	CITATIONS
217	Observation of the Radiative Decay $D_0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2004, 92, 101803.	2.9	11
218	Observation of the Doubly Cabibbo-Suppressed Decay $D_s \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2009, 102, 221802.	2.9	11
219	Search for Bottomonium States in Exclusive Radiative $\Upsilon(2S)$ Decays. Physical Review Letters, 2013, 111, 112001.	2.9	10
220	Search for $Q=23e$ and $Q=13e$ Particles Produced in e^+e^- Annihilations. Physical Review Letters, 1984, 52, 2332-2335.	2.9	9
221	Test of spin dependence in charm-quark fragmentation to D^* . Physical Review D, 1991, 43, 29-33.	1.6	9
222	Evidence for Neutral B Meson Decays to $\pi^0 K^*0$. Physical Review Letters, 2008, 101, 231801.	2.9	9
223	Observation of $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2008, 101, 231801.	2.9	9

#	ARTICLE	IF	CITATIONS
235	Construction and test of the first Belle II SVD ladder implementing the origami chip-on-sensor design. Journal of Instrumentation, 2016, 11, C01087-C01087.	0.5	6
236	Toward global standardization of conducting fair investigations of allegations of research misconduct. Accountability in Research, 2020, 27, 327-346.	1.6	6
237	First Measurement of Inclusive $B \rightarrow X s \ell$ Decays. Physical Review Letters, 2010, 105, 191803.	2.9	5
238	Back-End Readout Electronics for Hyper Suprime-Cam. IEEE Transactions on Nuclear Science, 2012, 59, 1767-1771.	1.2	5
239	Observation of $\bar{B}^0 \rightarrow \bar{D}^0 \ell^+ \ell^-$ Decay. Physical Review Letters, 2018, 121, 232001.	2.9	5
240	TOPAZ-TPC Cosmic Ray Test. IEEE Transactions on Nuclear Science, 1987, 34, 533-537.	1.2	4
241	Measurement of the CP-Violation Parameters $\sin^2 2\beta_1$ with a New Tagging Method at the $\Upsilon(5S)$ Resonance. Physical Review Letters, 2012, 108, 171801.	2.9	4
242	Hyper Suprime-Cam: performance of the CCD readout electronics. , 2012, , .		4
243	New large aperture, hybrid photo-detector and photo multiplier tube for a gigantic water Cherenkov ring imaging detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 152-155.	0.7	4
244	Measurement of the Direct CP Asymmetry in $B \rightarrow X s + d \ell^3$ Decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	2.9	4
245	Performance of the Field-Shaping Strips in the TOPAZ-TPC Sector. IEEE Transactions on Nuclear Science, 1986, 33, 185-188.	1.2	3
246	Search for high-mass narrow resonances in virtual photon-photon interactions. Physical Review Letters, 1986, 57, 3245-3248.	2.9	3
247	Prototype readout module for hyper suprime-cam. , 2008, , .		3
248	A prototype of Hyper Suprime-Cam data analysis system. Proceedings of SPIE, 2010, , .	0.8	3
249	R&D status of a large-aperture hybrid avalanche photo-detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 279-281.	0.7	3
250	Belle II Silicon Vertex Detector. Journal of Instrumentation, 2017, 12, C02074-C02074.	0.5	3
251	A scintillation counter used in a vacuum chamber for a liquid hydrogen target. Nuclear Instruments & Methods, 1981, 184, 359-364.	1.2	2
252	The data acquisition system of the Belle silicon vertex detector (SVD) upgrade. IEEE Transactions on Nuclear Science, 2004, 51, 2064-2068.	1.2	2

#	ARTICLE	IF	CITATIONS
253	The Belle trigger system with the new silicon vertex detector SVD2. IEEE Transactions on Nuclear Science, 2004, 51, 1852-1856.	1.2	2
254	EMC studies for the vertex detector of the Belle II experiment. Journal of Instrumentation, 2016, 11, C01044-C01044.	0.5	2
255	Hyper Suprime-Cam: data analysis and management system. , 2008, , .		2
256	Performance of the BELLE silicon vertex detector. IEEE Transactions on Nuclear Science, 2001, 48, 997-1001.	1.2	1
257	The BELLE silicon vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 466, 268-274.	0.7	1
258	Development of an analysis framework for HSC and Belle II. Proceedings of SPIE, 2010, , .	0.8	1
259	Back-end readout electronics for Hyper Suprime-Cam. , 2010, , .		1
260	Readout Electronics for Hyper Suprime-Cam. Physics Procedia, 2012, 37, 1413-1420.	1.2	1
261	Studies of radioactive background in SOI pixel detector for solar axion search experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 448-451.	0.7	1
262	Search for New Heavy Quarks and Leptons by TOPAZ. Annals of the New York Academy of Sciences, 1988, 535, 60-69.	1.8	0
263	The improved ladder production for the Belle silicon vertex detector (SVD2.1). IEEE Transactions on Nuclear Science, 2005, 52, 1907-1911.	1.2	0
264	Search for the $C P$ -Violating Decays $\hat{\chi}_1^0 \rightarrow \gamma \chi_1^0$ and $\hat{\chi}_1^0 \rightarrow \gamma \chi_2^0$ at Belle II. <i>Journal of Instrumentation</i> , 2019, 14, P04005. $\hat{\chi}_1^0 \rightarrow \gamma \chi_1^0$ and $\hat{\chi}_1^0 \rightarrow \gamma \chi_2^0$ at Belle II. <i>Journal of Instrumentation</i> , 2019, 14, P04005.	2.8	0
265	Physical Review Letters, COSMOLOGY AND PARTICLE ASTROPHYSICS AT KAVLI IPMU. , 2013, , .		0
266	Development of Hybrid Photo-detectors for the Hyper-Kamiokande Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 253-255, 208-209.	0.5	0
267	Temperature Dependence Measurement of a Hybrid Photo-Detector for Hyper-Kamiokande. , 2015, , .		0