

Hiroaki Aihara

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

262
papers

18,192
citations

65
h-index

128
g-index

270
ext. papers

20,146
ext. citations

6.5
avg, IF

3.84
L-index

#	Paper	IF	Citations
262	Toward global standardization of conducting fair investigations of allegations of research misconduct. <i>Accountability in Research</i> , 2020 , 27, 327-346	1.9	3
261	Cosmological constraints from cosmic shear two-point correlation functions with HSC survey first-year data. <i>Publication of the Astronomical Society of Japan</i> , 2020 , 72,	3.2	80
260	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,	3.2	231
259	Studies of radioactive background in SOI pixel detector for solar axion search experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 924, 448-451	1.2	
258	Second data release of the Hyper Suprime-Cam Subaru Strategic Program. <i>Publication of the Astronomical Society of Japan</i> , 2019 , 71,	3.2	166
257	The Hyper Suprime-Cam SSP Survey: Overview and survey design. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	315
256	Hyper Suprime-Cam: System design and verification of image quality. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	141
255	First data release of the Hyper Suprime-Cam Subaru Strategic Program. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	188
254	First Evidence for $\cos 2\theta_{13}$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7.4	4
253	Observation of $B(2S) \rightarrow B(1S)$ Decay. <i>Physical Review Letters</i> , 2018 , 121, 232001	7.4	3
252	Hyper Suprime-Cam: Camera dewar design. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	119
251	Lepton-Flavor-Dependent Angular Analysis of $B \rightarrow K^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 118, 111801	7.4	131
250	Evidence for Isospin Violation and Measurement of CP Asymmetries in $B \rightarrow K^{*0} \pi^0$. <i>Physical Review Letters</i> , 2017 , 119, 191802	7.4	10
249	Search for CP Violation and Measurement of the Branching Fraction in the Decay $D^0 \rightarrow K_S^0 K_S^0$. <i>Physical Review Letters</i> , 2017 , 119, 171801	7.4	14
248	Measurement of the Lepton Polarization and $R(D^{*})$ in the Decay $B \rightarrow D^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 118, 211801	7.4	229
247	Belle II Silicon Vertex Detector. <i>Journal of Instrumentation</i> , 2017 , 12, C02074-C02074	1	3
246	Observation of the Decay $B_{s1}^0 \rightarrow K^0 K^0$. <i>Physical Review Letters</i> , 2016 , 116, 161801	7.4	10

245	Observation of $Z_{\{b\}}(10610)$ and $Z_{\{b\}}(10650)$ Decaying to B Mesons. <i>Physical Review Letters</i> , 2016 , 116, 212001	7.4	55
244	EMC studies for the vertex detector of the Belle II experiment. <i>Journal of Instrumentation</i> , 2016 , 11, C01044-C01044		
243	Construction and test of the first Belle II SVD ladder implementing the origami chip-on-sensor design. <i>Journal of Instrumentation</i> , 2016 , 11, C01087-C01087	1	5
242	Energy Scan of the $e^+e^- \rightarrow h_{\{b\}}(nP)\mu^+\mu^-$ ($n=1, 2$) Cross Sections and Evidence for $\chi(11020)$ Decays into Charged Bottomoniumlike States. <i>Physical Review Letters</i> , 2016 , 117, 142001	7.4	34
241	Search for the dark photon and the dark Higgs boson at belle. <i>Physical Review Letters</i> , 2015 , 114, 211801	7.4	25
240	Measurement of the Direct CP Asymmetry in $B^0 \rightarrow X(s+d)\mu$ Decays with a Lepton Tag. <i>Physical Review Letters</i> , 2015 , 114, 151601	7.4	3
239	PROPERTIES OF WEAK LENSING CLUSTERS DETECTED ON HYPER SUPRIME-CAMM2.3 deg ² FIELD. <i>Astrophysical Journal</i> , 2015 , 807, 22	4.7	34
238	First Observation of CP Violation in $B^0 \rightarrow D_{\{CP\}}^{(*)}h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , 2015 , 115, 121604	7.4	10
237	First Observation of the Hadronic Transition $\chi(4S) \rightarrow B(b)(1P)$ and New Measurement of the $h(b)(1P)$ and $\chi(b)(1S)$ Parameters. <i>Physical Review Letters</i> , 2015 , 115, 142001	7.4	18
236	Observation of $B^0 \rightarrow p\bar{D}^{(*)-}$. <i>Physical Review Letters</i> , 2015 , 115, 221803	7.4	6
235	Precise measurement of the neutrino mixing parameter θ_{13} from muon neutrino disappearance in an off-axis beam. <i>Physical Review Letters</i> , 2014 , 112, 181801	7.4	137
234	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	7.4	34
233	Extragalactic science, cosmology, and Galactic archaeology with the Subaru Prime Focus Spectrograph. <i>Publication of the Astronomical Society of Japan</i> , 2014 , 66, R1	3.2	319
232	New large aperture, hybrid photo-detector and photo multiplier tube for a gigantic water Cherenkov ring imaging detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 766, 152-155	1.2	3
231	Observation of $e^+e^- \rightarrow \mu\mu(BJ)$ and Search for $X(b) \rightarrow \mu(1S)$ at $\sqrt{s} = 10.867$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 142001	7.4	27
230	Development of Hybrid Photo-detectors for the Hyper-Kamiokande Experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 253-255, 208-209		
229	Observation of D^0 - \bar{D}^0 mixing in e^+e^- collisions. <i>Physical Review Letters</i> , 2014 , 112, 111801	7.4	13
228	Search for bottomonium states in exclusive radiative $\chi(2S)$ decays. <i>Physical Review Letters</i> , 2013 , 111, 112001	7.4	7

227	The development of a hybrid photo-detector (HPD) for the Hyper-Kamiokande project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 732, 303-305	1.2	6
226	Measurement of neutrino oscillation parameters from muon neutrino disappearance with an off-axis beam. <i>Physical Review Letters</i> , 2013 , 111, 211803	7.4	64
225	Search for an H-dibaryon with a mass near $2m_{\Lambda}$ in $\Lambda(1520)$ and $\Lambda(1520)$ decays. <i>Physical Review Letters</i> , 2013 , 110, 222002	7.4	25
224	Study of $e^+e^- \rightarrow \mu^+\mu^-$ and observation of a charged charmoniumlike state at Belle. <i>Physical Review Letters</i> , 2013 , 110, 252002	7.4	45 ⁸
223	Subaru weak lensing measurement of a $z = 0.81$ cluster discovered by the Atacama Cosmology Telescope Survey?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 429, 3627-3644	4.3	18
222	Evidence for $B^- \rightarrow \mu^+\mu^-$ with a hadronic tagging method using the full data sample of Belle. <i>Physical Review Letters</i> , 2013 , 110, 131801	7.4	118
221	Observation of two charged bottomoniumlike resonances in $\Upsilon(5S)$ decays. <i>Physical Review Letters</i> , 2012 , 108, 122001	7.4	404
220	Hyper Suprime-Cam: performance of the CCD readout electronics 2012 ,		4
219	Readout Electronics for Hyper Suprime-Cam. <i>Physics Procedia</i> , 2012 , 37, 1413-1420		0
218	First observation of $B(s)(0) \rightarrow J/\psi$ and $B(s)(0) \rightarrow J/\psi$. <i>Physical Review Letters</i> , 2012 , 108, 181808	7.4	17
217	. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 1767-1771	1.7	4
216	Precise measurement of the CP violation parameter $\sin 2\beta$ in $B_0 \rightarrow (cc)K_0$ decays. <i>Physical Review Letters</i> , 2012 , 108, 171802	7.4	62
215	Measurement of the CP-violation parameter $\sin 2\beta$ with a new tagging method at the $\Upsilon(5S)$ resonance. <i>Physical Review Letters</i> , 2012 , 108, 171801	7.4	3
214	Evidence for the $\Upsilon(b)(2S)$ and observation of $h(b)(1P) \rightarrow \Upsilon(b)(1S)$ and $h(b)(2P) \rightarrow \Upsilon(b)(1S)$. <i>Physical Review Letters</i> , 2012 , 109, 232002	7.4	50
213	Observation of new resonant structures in $B \rightarrow \mu^+\mu^-$, $B \rightarrow \mu^+\mu^-$, and $B \rightarrow \mu^+\mu^-$. <i>Physical Review Letters</i> , 2012 , 108, 232001	7.4	8
212	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011 , 142, 72	4.9	143 ⁸
211	Search for CP violation in $B \rightarrow K(S)0\mu^+\mu^-$ decays at Belle. <i>Physical Review Letters</i> , 2011 , 107, 131801	7.4	25
210	First On-Site Data Analysis System for Subaru/Suprime-Cam. <i>Publication of the Astronomical Society of Japan</i> , 2011 , 63, S585-S603	3.2	5

209	Evidence for the suppressed decay $B(-) \rightarrow DK(-), D \rightarrow K(+)\bar{D}$. <i>Physical Review Letters</i> , 2011 , 106, 231803	7.4	32
208	Observation of $D+ \rightarrow K(+)\bar{D}$ and search for CP violation in $D+ \rightarrow \bar{D}\bar{D}$ decays. <i>Physical Review Letters</i> , 2011 , 107, 221801	7.4	9
207	Observation of $B(s) \rightarrow J/\psi(3080)$ and evidence for $B(s) \rightarrow J/\psi(370)$. <i>Physical Review Letters</i> , 2011 , 106, 121802	7.4	46
206	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 193, 29	8	1063
205	Hybrid Avalanche Photodiode Array Imaging. <i>Springer Series in Optical Sciences</i> , 2011 , 49-62	0.5	
204	Observation of $B(s)(0) \rightarrow D(s)(*)+ D(s)(*)-$ using $e+ e-$ collisions and a determination of the $B(s)-B(s)$ width difference $\Delta\Gamma$. <i>Physical Review Letters</i> , 2010 , 105, 201802	7.4	13
203	First measurement of inclusive $B \rightarrow Xs\bar{D}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 191803	7.4	3
202	Evidence for a new resonance and search for the $Y(4140)$ in the $\gamma\gamma \rightarrow \psi/\psi'$ process. <i>Physical Review Letters</i> , 2010 , 104, 112004	7.4	95
201	Search for CP violation in the decays $D(s)+ \rightarrow KS0\pi+$ and $D(s)+ \rightarrow KS0K+$. <i>Physical Review Letters</i> , 2010 , 104, 181602	7.4	34
200	Hyper Suprime-Cam: development of the CCD readout electronics 2010 ,		5
199	A prototype of Hyper Suprime-Cam data analysis system 2010 ,		3
198	Hyper Suprime-Cam: camera design 2010 ,		6
197	R&D status of a large-aperture hybrid avalanche photo-detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 279-281	1.2	3
196	Measurement of inclusive radiative B-meson decays with a photon energy threshold of 1.7 GeV. <i>Physical Review Letters</i> , 2009 , 103, 241801	7.4	68
195	Observation of the doubly cabibbo-suppressed decay $D_{s1}^{+} \rightarrow K^{+}K^{+}\pi^{-}$. <i>Physical Review Letters</i> , 2009 , 102, 221802	7.4	7
194	Measurement of the differential branching fraction and forward-backward asymmetry for $B \rightarrow K^{*}l+l$. <i>Physical Review Letters</i> , 2009 , 103, 171801	7.4	244
193	International Scoping Study (ISS) for a future neutrino factory and Super-Beam facility. Detectors and flux instrumentation for future neutrino facilities. <i>Journal of Instrumentation</i> , 2009 , 4, T05001-T05001		32
192	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , 2008 , 452, 332-5	50.4	86

191	Hyper Suprime-Cam: CCD readout electronics 2008 ,		5
190	Hyper Suprime-Cam: back-end electronics for CCD readout 2008 ,		2
189	Prototype readout module for hyper suprime-cam 2008 ,		1
188	Observation of anomalous $\Upsilon(1S)\pi^+\pi^-$ and $\Upsilon(2S)\pi^+\pi^-$ production near the $\Upsilon(5S)$ resonance. <i>Physical Review Letters</i> , 2008 , 100, 112001	7.4	138
187	Observation of $B^0 \rightarrow \rho^+ K^0$ with a large K^0 polarization. <i>Physical Review Letters</i> , 2008 , 100, 251801	7.4	22
186	Production of new charmoniumlike states in $e^+e^- \rightarrow J/\psi D^* D$ at \sqrt{s} approximately 10.6 GeV. <i>Physical Review Letters</i> , 2008 , 100, 202001	7.4	127
185	Measurement of branching fractions, isospin, and CP-violating asymmetries for exclusive $b \rightarrow d$ gamma modes. <i>Physical Review Letters</i> , 2008 , 101, 111801	7.4	12
184	Evidence for neutral B meson decays to ωK^0 . <i>Physical Review Letters</i> , 2008 , 101, 231801	7.4	6
183	Observation of $B_{(s)}(0) \rightarrow \rho^0 \gamma$ and search for $B_{(s)}(0) \rightarrow \gamma \gamma$ decays at Belle. <i>Physical Review Letters</i> , 2008 , 100, 121801	7.4	27
182	Measurement of time-dependent CP-violating parameters in $B(0) \rightarrow K_{(S)}(0) K_{(S)}(0)$ decays. <i>Physical Review Letters</i> , 2008 , 100, 121601	7.4	9
181	Measurement of $B(D_s^+ \rightarrow \mu^+ \nu(\mu))$. <i>Physical Review Letters</i> , 2008 , 100, 241801	7.4	36
180	Observation of a resonancelike structure in the $\pi^+ \psi(3700)$ mass distribution in exclusive $B \rightarrow K \pi^+ \psi(3700)$ decays. <i>Physical Review Letters</i> , 2008 , 100, 142001	7.4	358
179	Observation of a near-threshold enhancement in the $e^+e^- \rightarrow \Lambda_c^+ \Lambda_c^-$ cross section using initial-state radiation. <i>Physical Review Letters</i> , 2008 , 101, 172001	7.4	178
178	Study of charmonia in four-meson final states produced in two-photon collisions. <i>European Physical Journal C</i> , 2008 , 53, 1-14	4.2	18
177	Observation of B decays to two kaons. <i>Physical Review Letters</i> , 2007 , 98, 181804	7.4	16
176	Search for invisible decay of the $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2007 , 98, 132001	7.4	31
175	Observation of direct CP violation in $B^0 \rightarrow \pi^+\pi^-$ decays and model-independent constraints on the quark-mixing angle ϕ_2 . <i>Physical Review Letters</i> , 2007 , 98, 211801	7.4	42
174	Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in $\Upsilon(4S) \rightarrow B^0 B^0$ decays. <i>Physical Review Letters</i> , 2007 , 99, 131802	7.4	39

173	Evidence for D_0 - D_0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211803	7.4	194
172	Search for the CP-violating decays $Upsilon(4S) \rightarrow B_0 B_0 \rightarrow J/\psi K_S^0 + J/\psi(\eta_c) K_S^0$. <i>Physical Review Letters</i> , 2007 , 99, 211601	7.4	
171	Observation of the decay $B(0) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2007 , 98, 131803	7.4	10
170	Measurement of the $e^+e^- \rightarrow \pi^+\pi^- J/\psi$ cross section via initial-state radiation at Belle. <i>Physical Review Letters</i> , 2007 , 99, 182004	7.4	283
169	Experimental constraints on the spin and parity of the $\Lambda_c(2880)^+$. <i>Physical Review Letters</i> , 2007 , 98, 262001	7.4	63
168	Measurements of branching fractions for $B \rightarrow K \pi$ and $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2007 , 99, 121601	7.4	14
167	Search for $B \rightarrow h(*) \nu$ decays at Belle. <i>Physical Review Letters</i> , 2007 , 99, 221802	7.4	46
166	Observation of $B(0) \rightarrow D^{*-} \tau^+ \nu(\tau)$ decay at Belle. <i>Physical Review Letters</i> , 2007 , 99, 191807	7.4	93
165	Measurement of CP asymmetry in a time-dependent Dalitz analysis of $B_0 \rightarrow (\rho \pi)_0$ and a constraint on the quark mixing matrix angle ϕ_2 . <i>Physical Review Letters</i> , 2007 , 98, 221602	7.4	35
164	Measurement of D_0 - D_0 mixing parameters in $D_0 \rightarrow K_S \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2007 , 99, 131803	7.4	82
163	Observation of two resonant structures in $e^+e^- \rightarrow \pi^+ \pi^- \psi(2S)$ via initial-state radiation at Belle. <i>Physical Review Letters</i> , 2007 , 99, 142002	7.4	272
162	Evidence for CP violation in $B_0 \rightarrow D^+ D^-$ decays. <i>Physical Review Letters</i> , 2007 , 98, 221802	7.4	19
161	Observation of a near-threshold $D(0) D^0 \pi(0)$ enhancement in $B \rightarrow D(0) D^0 \pi(0) K$ decay. <i>Physical Review Letters</i> , 2006 , 97, 162002	7.4	149
160	Study of $J/\psi \rightarrow \rho \rho, \Lambda \Lambda$ and observation of $\eta(c) \rightarrow \Lambda \Lambda$ at Belle. <i>Physical Review Letters</i> , 2006 , 97, 162003	7.4	8
159	Study of decay mechanisms in $B \rightarrow \Lambda_c^+ p \pi^-$ decays and observation of low-mass structure in the $\Lambda_c^+ p$ system. <i>Physical Review Letters</i> , 2006 , 97, 242001	7.4	24
158	Observation of $b \rightarrow d \gamma$ and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2006 , 96, 221601	7.4	37
157	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in e^+e^- annihilation at Belle. <i>Physical Review Letters</i> , 2006 , 96, 232002	7.4	143
156	Observation of $B^+ \rightarrow \Lambda_c^+ \Lambda_c^- K^+$ and $B^0 \rightarrow \Lambda_c^+ \Lambda_c^- K^0$ decays. <i>Physical Review Letters</i> , 2006 , 97, 202003	7.4	15

155	Measurement of forward-backward asymmetry and Wilson coefficients in $B \rightarrow K^*l+l-$. <i>Physical Review Letters</i> , 2006 , 96, 251801	7.4	69
154	Evidence for large direct CP violation in $B^{+/-} \rightarrow \rho(770)0K^{+/-}$ from analysis of three-body charmless $B^{+/-} \rightarrow K^{+/-}\pi^{+/-}\pi^{+/-}$ decays. <i>Physical Review Letters</i> , 2006 , 96, 251803	7.4	97
153	Observation of new states decaying into $\Lambda_b(c)(+)\text{Kappa}(-)\pi(+)$ and $\Lambda_b(c)(+)\text{Kappa}(0)/(\text{s})\pi(-)$. <i>Physical Review Letters</i> , 2006 , 97, 162001	7.4	175
152	Measurement of the branching fraction, polarization, and asymmetry for decays, and determination of the Cabibbo-Kobayashi-Maskawa phase. <i>Physical Review Letters</i> , 2006 , 96, 171801	7.4	46
151	Improved constraints on D_0 - D_0 mixing in $D_0 \rightarrow K^+ \pi^-$ decays from the Belle detector. <i>Physical Review Letters</i> , 2006 , 96, 151801	7.4	63
150	Evidence of the purely leptonic decay $B^- \rightarrow \tau^- \nu(\tau)$. <i>Physical Review Letters</i> , 2006 , 97, 251802	7.4	182
149	The improved ladder production for the Belle silicon vertex detector (SVD2.1). <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 1907-1911	1.7	
148	Measurements of the branching fraction and polarization in $B^+ \rightarrow \rho^+ K^*0$ decays. <i>Physical Review Letters</i> , 2005 , 95, 141801	7.4	38
147	Observation of a near-threshold $\omega/J/\psi$ mass enhancement in exclusive $B \rightarrow K\omega/J/\psi$ decays. <i>Physical Review Letters</i> , 2005 , 94, 182002	7.4	250
146	Observation of the $D_1(2420) \rightarrow D\pi + \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221805	7.4	20
145	Observation of $B_0 \rightarrow \pi_0\pi_0$. <i>Physical Review Letters</i> , 2005 , 94, 181803	7.4	38
144	Measurement of the time-dependent CP-violating asymmetry in $B(0) \rightarrow K(0)(S)\pi(0)\gamma$ decays. <i>Physical Review Letters</i> , 2005 , 94, 231601	7.4	11
143	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , 2005 , 95, 231802	7.4	6
142	Measurement of the wrong-sign decays $D_0 \rightarrow K^+ \pi^- \pi_0$ and $D_0 \rightarrow K^+ \pi^- \pi^+ \pi^-$, and search for CP violation. <i>Physical Review Letters</i> , 2005 , 95, 231801	7.4	24
141	Improved evidence for direct CP violation in $B_0 \rightarrow \pi^+\pi^-$ decays and model-independent constraints on phi_2 . <i>Physical Review Letters</i> , 2005 , 95, 101801	7.4	21
140	Observation of an isotriplet of excited charmed baryons decaying to $\lambda_b+c \pi$. <i>Physical Review Letters</i> , 2005 , 94, 122002	7.4	85
139	Determination of $ V_{ub}/V_{cb} $ from measurements of the inclusive charmless semileptonic partial rates of B mesons using full reconstruction tags. <i>Physical Review Letters</i> , 2005 , 95, 241801	7.4	26
138	Observation of $B^{+/-} \rightarrow K_1(1270)^+\gamma$. <i>Physical Review Letters</i> , 2005 , 94, 111802	7.4	45

137	Study of $B_0 \rightarrow \rho^+ \pi^-$ time-dependent CP violation at Belle. <i>Physical Review Letters</i> , 2005 , 94, 121804	7.4	21
136	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221804	7.4	88
135	Evidence for direct CP violation in $B_0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 191802	7.4	108
134	Evidence for $B_0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 131802	7.4	9
133	Observation of $B^+ \rightarrow p \bar{p} \pi^+$, $B_0 \rightarrow p \bar{p} K^0$, and $B^+ \rightarrow p \bar{p} K^{*+}$. <i>Physical Review Letters</i> , 2004 , 92, 131801	7.4	62
132	Study of time-dependent CP violation in $B_0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2004 , 93, 261801	7.4	11
131	Search for CP violation in the decay $B_0 \rightarrow D^{*+} \pi^-$. <i>Physical Review Letters</i> , 2004 , 93, 201802	7.4	13
130	Observation of the radiative decay $D_0 \rightarrow \phi \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 101803	7.4	8
129	Observation of $B^+ \rightarrow \Lambda^0 \Lambda^+ K^+$. <i>Physical Review Letters</i> , 2004 , 93, 211801	7.4	40
128	Evidence for $B^+ \rightarrow \omega \pi^+ \nu$. <i>Physical Review Letters</i> , 2004 , 93, 131803	7.4	16
127	Measurement of $ V_{ub} $ using inclusive $B \rightarrow X(u) \ell \nu$ decays with a novel $X(u)$ -reconstruction method. <i>Physical Review Letters</i> , 2004 , 92, 101801	7.4	29
126	Upper bound on the decay $\tau \rightarrow \mu \gamma$ from the Belle detector. <i>Physical Review Letters</i> , 2004 , 92, 171802	7.4	84
125	The data acquisition system of the Belle silicon vertex detector (SVD) upgrade. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 2064-2068	1.7	
124	The Belle trigger system with the new silicon vertex detector SVD2. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 1852-1856	1.7	2
123	Observation of the decay $B_0 \rightarrow \Lambda^0 \pi^+$. <i>Physical Review Letters</i> , 2003 , 90, 121802	7.4	42
122	Observation of the $D(s^*)_{J(2317)}$ and $D(s^*)_{J(2457)}$ in B decays. <i>Physical Review Letters</i> , 2003 , 91, 262002	7.4	197
121	Evidence for $B \rightarrow \phi \pi \pi K$. <i>Physical Review Letters</i> , 2003 , 91, 241802	7.4	14
120	Measurement of time-dependent CP-violating asymmetries in $B_0 \rightarrow \phi K(0^*)_S$, $K^+ K^- K(0^*)_S$, and $\eta' K(0^*)_S$ decays. <i>Physical Review Letters</i> , 2003 , 91, 261602	7.4	76

119	Observation of $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^{*0}$ decays. <i>Physical Review Letters</i> , 2003 , 90, 141802	7.4	22
118	Measurement of branching fractions and polarization in $B \rightarrow \phi K^{(*)}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201801	7.4	96
117	Evidence for $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 261801	7.4	114
116	Observation of a narrow charmoniumlike state in exclusive $B^{+/-} \rightarrow K^{+/-} \pi^+ \pi^- J/\psi$ decays. <i>Physical Review Letters</i> , 2003 , 91, 262001	7.4	1115
115	Observation of $B^{+/-} \rightarrow \rho^- / \rho^0$ decays. <i>Physical Review Letters</i> , 2003 , 91, 221801	7.4	84
114	Observation of $B^0 \rightarrow p \Lambda(\pi)^{-}$. <i>Physical Review Letters</i> , 2003 , 90, 201802	7.4	56
113	Studies of the decay $B^{+/-} \rightarrow D^{(CP)} K^{+/-}$. <i>Physical Review Letters</i> , 2003 , 90, 131803	7.4	8
112	Observation of $B \rightarrow K^{*} l^{+} l^{-}$. <i>Physical Review Letters</i> , 2003 , 91, 261601	7.4	75
111	Observation of $B(0) \rightarrow D^{(*)0} p p$. <i>Physical Review Letters</i> , 2002 , 89, 151802	7.4	81
110	Observation of $D^{+}(s) K^{-}$ and evidence for $D^{+}(s) \pi^{-}$ final states in neutral B decays. <i>Physical Review Letters</i> , 2002 , 89, 231804	7.4	39
109	Observation of the $\eta(c)(2S)$ in Exclusive $B \rightarrow KK(S) K \pi^{+}$ Decays. <i>Physical Review Letters</i> , 2002 , 89, 102001	7.4	125
108	Radiative B meson decays into $k \pi \gamma$ and $k \pi \pi \gamma$ final states. <i>Physical Review Letters</i> , 2002 , 89, 231801	7.4	37
107	Measurement of the $B(0) \rightarrow B(0)$ mixing parameter $\Delta m(d)$ using semileptonic B^0 decays. <i>Physical Review Letters</i> , 2002 , 89, 251803	7.4	12
106	Observation of $B^{+/-} \rightarrow p^{(-)} p K^{+/-}$. <i>Physical Review Letters</i> , 2002 , 88, 181803	7.4	93
105	Observation of $B^{+/-} \rightarrow \omega K^{+/-}$ decay. <i>Physical Review Letters</i> , 2002 , 89, 191801	7.4	9
104	Observation of double $c \bar{c}$ production in $e^+ e^-$ annihilation at \sqrt{s} approximately 10.6 GeV. <i>Physical Review Letters</i> , 2002 , 89, 142001	7.4	238
103	Improvement of radiation hardness of double-sided silicon strip detector for Belle SVD upgrade. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 1593-1597	1.7	4
102	The BELLE silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 466, 268-274	1.2	0

101	Measurement of branching fractions for $B \rightarrow \text{pipi}$, $K\pi$, and KK decays. <i>Physical Review Letters</i> , 2001 , 87, 101801	7.4	65
100	Measurement of $B(0)(d)-B_{(0)}(d)$ mixing rate from the time evolution of dilepton events at the $\text{upsilon}(4S)$. <i>Physical Review Letters</i> , 2001 , 86, 3228-32	7.4	89
99	Measurement of the CP violation parameter $\sin^2 \phi(1)$ in $B(0)(d)$ meson decays. <i>Physical Review Letters</i> , 2001 , 86, 2509-14	7.4	90
98	Observation of $B \rightarrow J/\psi K(1)(1270)$. <i>Physical Review Letters</i> , 2001 , 87, 161601	7.4	25
97	Radiation hardness of VA1 with submicron process technology. <i>IEEE Transactions on Nuclear Science</i> , 2001 , 48, 440-443	1.7	14
96	Observation of Cabibbo suppressed $B \rightarrow D^{(*)}K^-$ decays at Belle. <i>Physical Review Letters</i> , 2001 , 87, 111801	7.4	23
95	Performance of the BELLE silicon vertex detector. <i>IEEE Transactions on Nuclear Science</i> , 2001 , 48, 997-1007	1.7	1
94	Small Angle J/ψ Production in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 35-40	7.4	38
93	Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales. <i>Physical Review Letters</i> , 1999 , 82, 4769-4774	7.4	57
92	Search for Squarks and Gluinos in Single-Photon Events with Jets and Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 29-34	7.4	17
91	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 2451-2456	7.4	62
90	Dijet Mass Spectrum and a Search for Quark Compositeness in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 2457-2462	7.4	53
89	Experimental Search for Chargino and Neutralino Production in Supersymmetry Models with a Light Gravitino. <i>Physical Review Letters</i> , 1998 , 80, 442-447	7.4	35
88	Search for top squark pair production in the dielectron channel. <i>Physical Review D</i> , 1998 , 57, 589-593	4.9	13
87	Search for Heavy Pointlike Dirac Monopoles. <i>Physical Review Letters</i> , 1998 , 81, 524-529	7.4	40
86	Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 80, 5498-5503	7.4	27
85	$Z\bar{\nu}\nu$ production in pp collisions at $s=1.8\text{TeV}$ and limits on anomalous $ZZ\bar{\nu}\nu$ and $Z\bar{\nu}\nu$ couplings. <i>Physical Review D</i> , 1998 , 57, R3817-R3821	4.9	29
84	A Measurement of the W Boson Mass at the Fermilab pp Collider. <i>Physical Review Letters</i> , 1998 , 80, 3008-3013	7.4	28

83	Measurement of the Top Quark Mass Using Dilepton Events. <i>Physical Review Letters</i> , 1998 , 80, 2063-2068.	7.4	96
82	Search for Trilepton Signatures from Associated Gaugino Pair Production. <i>Physical Review Letters</i> , 1998 , 80, 1591-1596	7.4	21
81	Search for Charge $\frac{1}{3}$ Third-Generation Leptoquarks in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 81, 38-43	7.4	24
80	Search for First Generation Scalar Leptoquark Pairs in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 80, 2051-2056	7.4	46
79	Study of the ZZ and $Z\chi$ Couplings in $Z(\chi)$ Production. <i>Physical Review Letters</i> , 1997 , 78, 3640-3645	7.4	35
78	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in $p\bar{p}$ Collisions. <i>Physical Review Letters</i> , 1997 , 79, 4321-4326	7.4	44
77	Search for Diphoton Events with Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 2070-2074	7.4	30
76	Limits on WWZ and $WW\chi$ Couplings from $pp \rightarrow e\chi X$ Events at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 1441-1446	7.4	26
75	Search for a Fourth Generation Charge $\frac{1}{3}$ Quark via Flavor Changing Neutral Current Decay. <i>Physical Review Letters</i> , 1997 , 78, 3818-3823	7.4	25
74	Measurement of the Top Quark Pair Production Cross Section in pp Collisions. <i>Physical Review Letters</i> , 1997 , 79, 1203-1208	7.4	67
73	Studies of gauge boson pair production and trilinear couplings. <i>Physical Review D</i> , 1997 , 56, 6742-6778	4.9	26
72	Limits on Anomalous $WW\chi$ Couplings from $pp \rightarrow W\chi X$ Events at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 3634-3639	7.4	45
71	Jet production via strongly interacting color-singlet exchange in pp -bar collisions. <i>Physical Review Letters</i> , 1996 , 76, 734-739	7.4	39
70	Search for light top squarks in pp -bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 76, 2222-2227	7.4	81
69	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp -bar Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 77, 5011-5015	7.4	39
68	Measurement of the W Boson Mass. <i>Physical Review Letters</i> , 1996 , 77, 3309-3314	7.4	47
67	Search for right-handed W bosons and heavy $W\chi$ in pp -bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 76, 3271-3276	7.4	63
66	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. <i>Physical Review Letters</i> , 1996 , 77, 595-600	7.4	30

65	Search for Anomalous WW and WZ Production in pp-bar Collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1996 , 77, 3303-3308	7.4	27
64	Top quark search with the D0 1992-1993 data sample. <i>Physical Review D</i> , 1995 , 52, 4877-4919	4.9	68
63	Search for W boson pair production in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 1023-1027	7.4	38
62	Search for squarks and gluinos in pp-bar collisions at sqrt s=1.8TeV. <i>Physical Review Letters</i> , 1995 , 75, 618-623	7.4	100
61	Second generation leptoquark search in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 3618-3623	7.4	15
60	Measurement of the WW gamma gauge boson couplings in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 1034-1039	7.4	32
59	Search for high mass top quark production in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 2422-2426	7.4	63
58	W and Z Boson Production in pp-bar Collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 1456-1461	7.4	62
57	Inclusive micro and b-quark production cross sections in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 3548-3552	7.4	92
56	Limits on the anomalous ZZ gamma and Z gamma gamma couplings in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 1028-1033	7.4	26
55	Study of the strong coupling constant using W+jet processes. <i>Physical Review Letters</i> , 1995 , 75, 3226-3231	7.4	23
54	Observation of the Top Quark. <i>Physical Review Letters</i> , 1995 , 74, 2632-2637	7.4	909
53	Rapidity gaps between jets in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 72, 2332-2336	7.4	55
52	First generation leptoquark search in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 72, 965-969	7.4	43
51	Search for the top quark in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 72, 2138-2142	7.4	109
50	Test of spin dependence in charm-quark fragmentation to D*. <i>Physical Review D</i> , 1991 , 43, 29-33	4.9	7
49	Measurement of the total hadronic cross section in tagged gamma gamma reactions. <i>Physical Review D</i> , 1990 , 41, 2667-2674	4.9	30
48	Investigation of the electromagnetic structure of eta and eta Mesons by two-photon interactions. <i>Physical Review Letters</i> , 1990 , 64, 172-175	7.4	71

47	Clinicopathological differences between early-onset and late-onset sepsis and pneumonia in very low birth weight infants. <i>Pediatric Pathology</i> , 1990 , 10, 757-68		10
46	Protein kinase C during differentiation of human promyelocytic leukemia cell line, HL-60. <i>FEBS Letters</i> , 1990 , 263, 31-4	3.8	54
45	Exclusive production of $p\bar{p}$ $\pi^+ \pi^-$ in photon-photon collisions. <i>Physical Review D</i> , 1989 , 40, 2772-2776	4.9	6
44	Search for New Heavy Quarks and Leptons by TOPAZ. <i>Annals of the New York Academy of Sciences</i> , 1988 , 535, 60-69	6.5	
43	Search for top quark in e^+e^- collisions at $\sqrt{s} = 52$ GeV. <i>Physical Review Letters</i> , 1988 , 60, 97-100	7.4	51
42	Formation of spin-one mesons by photon-photon fusion. <i>Physical Review D</i> , 1988 , 38, 1-18	4.9	47
41	Charmonium production in photon-photon collisions. <i>Physical Review Letters</i> , 1988 , 60, 2355-2358	7.4	21
40	Search for sequential heavy leptons in e^+e^- collisions at $\sqrt{s} = 52$ GeV. <i>Physical Review D</i> , 1988 , 37, 1339-1342	4.9	8
39	Production of four-prong final states in photon-photon collisions. <i>Physical Review D</i> , 1988 , 37, 28-40	4.9	38
38	. <i>IEEE Transactions on Nuclear Science</i> , 1988 , 35, 414-418	1.7	16
37	Charged-hadron inclusive cross sections and fractions in e^+e^- annihilation at $\sqrt{s} = 29$ GeV. <i>Physical Review Letters</i> , 1988 , 61, 1263-1266	7.4	90
36	Measurement of tau branching ratios. <i>Physical Review D</i> , 1987 , 35, 1553-1561	4.9	12
35	Exclusive production of proton-antiproton pairs in two-photon collisions. <i>Physical Review D</i> , 1987 , 36, 3506-3509	4.9	12
34	Study of eta formation in photon-photon collisions. <i>Physical Review D</i> , 1987 , 35, 2650-2654	4.9	20
33	Experimental limit on the decay $\tau \rightarrow \nu_\tau K^0$. <i>Physical Review Letters</i> , 1987 , 59, 751-754	7.4	11
32	Observation of scaling of the photon structure function F_2^γ at low Q^2 . <i>Physical Review Letters</i> , 1987 , 58, 97-100	7.4	34
31	Signal Processing for the TOPAZ Time Projection Chamber. <i>IEEE Transactions on Nuclear Science</i> , 1987 , 34, 191-195	1.7	7
30	TOPAZ-TPC Cosmic Ray Test. <i>IEEE Transactions on Nuclear Science</i> , 1987 , 34, 533-537	1.7	4

29	Performance of the Field-Shaping Strips in the TOPAZ-TPC Sector. <i>IEEE Transactions on Nuclear Science</i> , 1986 , 33, 185-188	1.7	3
28	Search for high-mass narrow resonances in virtual photon-photon interactions. <i>Physical Review Letters</i> , 1986 , 57, 3245-3248	7.4	2
27	Experimental limit on $\rho \rightarrow \gamma \gamma$ and the interpretation of the ρ as a glueball. <i>Physical Review Letters</i> , 1986 , 57, 51-54	7.4	38
26	Evidence for a spin-1 particle produced by two photons. <i>Physical Review Letters</i> , 1986 , 57, 2500-2503	7.4	41
25	Study of baryon correlations in e^+e^- annihilation at 29 GeV. <i>Physical Review Letters</i> , 1986 , 57, 3140-3143	7.4	28
24	Pion and kaon pair production in photon-photon collisions. <i>Physical Review Letters</i> , 1986 , 57, 404-407	7.4	86
23	Measurement of the inclusive branching fraction $\tau \rightarrow \nu \tau \pi^0 + \text{neutral meson(s)}$. <i>Physical Review Letters</i> , 1986 , 57, 1836-1838	7.4	18
22	Comparison of the particle flow in qq -baryon and qq -bar γ events in e^+e^- annihilation. <i>Physical Review Letters</i> , 1986 , 57, 945-948	7.4	38
21	Charged-D-meson production in e^+e^- annihilation at $\sqrt{s}=29$ GeV. <i>Physical Review D</i> , 1986 , 34, 1945-1949	4.9	22
20	Small-angle p p elastic scattering and the real-to-imaginary ratio of the forward amplitude between 413 and 715 MeV. <i>Nuclear Physics A</i> , 1985 , 433, 580-604	1.3	33
19	Prompt muon production in e^+e^- annihilations at 29 GeV. <i>Physical Review D</i> , 1985 , 31, 2719-2723	4.9	26
18	Exclusive production of $K^+K^- \pi^+ \pi^-$ in photon-photon collisions. <i>Physical Review Letters</i> , 1985 , 54, 2564-2567	7.4	15
17	Λ production in e^+e^- annihilation at 29 GeV. <i>Physical Review Letters</i> , 1985 , 54, 274-277	7.4	32
16	Baryon production in e^+e^- annihilation at $\sqrt{s}=29$ GeV: Clusters or diquarks?. <i>Physical Review Letters</i> , 1985 , 55, 1047-1050	7.4	21
15	Test of models for parton fragmentation by means of three-jet events in e^+e^- annihilation at $\sqrt{s}=29$ GeV. <i>Physical Review Letters</i> , 1985 , 54, 270-273	7.4	21
14	Study of Bose-Einstein correlations in e^+e^- annihilation at 29 GeV. <i>Physical Review D</i> , 1985 , 31, 996-1003	4.9	48
13	Search for Charge-4/3e Particles Produced in e^+e^- Annihilations. <i>Physical Review Letters</i> , 1984 , 52, 168-171	7.4	9
12	K^*0 and K_S0 Meson Production in e^+e^- Annihilations at 29 GeV. <i>Physical Review Letters</i> , 1984 , 53, 2378-2381	7.4	52

11	Charged Hadron Production in $e+e$ Annihilation at 29 GeV. <i>Physical Review Letters</i> , 1984 , 52, 577-580	7.4	71
10	Evidence for the F^* Meson. <i>Physical Review Letters</i> , 1984 , 53, 2465-2468	7.4	24
9	Search for narrow structures in $p\bar{p}$ total cross section from 395 to 740 MeV/c. <i>Physical Review D</i> , 1984 , 29, 349-362	4.9	23
8	Observation of Strangeness Correlations in $e+e$ Annihilation at $s=29$ GeV. <i>Physical Review Letters</i> , 1984 , 53, 2199-2202	7.4	27
7	Electron branching fractions. <i>Physical Review D</i> , 1984 , 30, 2436-2438	4.9	13
6	Search for $Q=23e$ and $Q=13e$ Particles Produced in $e+e$ Annihilations. <i>Physical Review Letters</i> , 1984 , 52, 2332-2335	7.4	8
5	Characteristics of Proton Production in Jets from $e+e$ Annihilation at 29 GeV. <i>Physical Review Letters</i> , 1984 , 53, 130-133	7.4	13
4	Ξ Meson Production in $e+e$ Annihilations at 29 GeV. <i>Physical Review Letters</i> , 1984 , 52, 2201-2204	7.4	19
3	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	1.3	37
2	A scintillation counter used in a vacuum chamber for a liquid hydrogen target. <i>Nuclear Instruments & Methods</i> , 1981 , 184, 359-364		2
1	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	7.4	39