

Hiroaki Aihara

List of Publications by Citations

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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	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	1438
261	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
260	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
259	Observation of the Top Quark. <i>Physical Review Letters</i> , 1995 , 74, 2632-2637	7.4	909
258	Study of $e^+ e^- \rightarrow \mu^+ \mu^- J/\psi$ and observation of a charged charmoniumlike state at Belle. <i>Physical Review Letters</i> , 2013 , 110, 252002	7.4	458
257	Observation of two charged bottomoniumlike resonances in (B_S) decays. <i>Physical Review Letters</i> , 2012 , 108, 122001	7.4	404
256	Observation of a resonancelike structure in the $\pi^+ \pi^- \psi(2S)$ mass distribution in exclusive $B^0 \rightarrow K^+ \pi^- \psi(2S)$ decays. <i>Physical Review Letters</i> , 2008 , 100, 142001	7.4	358
255	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
254	The Hyper Suprime-Cam SSP Survey: Overview and survey design. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	315
253	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
252	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
251	Observation of a near-threshold $\omega J/\psi$ mass enhancement in exclusive $B^0 \rightarrow K^0 \omega J/\psi$ decays. <i>Physical Review Letters</i> , 2005 , 94, 182002	7.4	250
250	Measurement of the differential branching fraction and forward-backward asymmetry for $B^0 \rightarrow K^{*0} l^+ l^-$. <i>Physical Review Letters</i> , 2009 , 103, 171801	7.4	244
249	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
248	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
247	Measurement of the Δ Lepton Polarization and $R(D^{(*)})$ in the Decay $B \rightarrow D^{(*)} \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2017 , 118, 211801	7.4	229
246	Observation of the $D(sJ)(2317)$ and $D(sJ)(2457)$ in B decays. <i>Physical Review Letters</i> , 2003 , 91, 262002	7.4	197

245	Evidence for D_0 - D_0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211803	7.4	194
244	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
243	Evidence of the purely leptonic decay $B^- \rightarrow \tau^- \nu(\tau)$. <i>Physical Review Letters</i> , 2006 , 97, 251802	7.4	182
242	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
241	Observation of new states decaying into $\Lambda_c^+ \bar{K}^0 \pi^+$ and $\Lambda_c^+ \bar{K}^0 \pi^-$. <i>Physical Review Letters</i> , 2006 , 97, 162001	7.4	175
240	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
239	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
238	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
237	Hyper Suprime-Cam: System design and verification of image quality. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	141
236	Observation of anomalous $\psi(1S)\pi^+\pi^-$ and $\psi(2S)\pi^+\pi^-$ production near the $\psi(5S)$ resonance. <i>Physical Review Letters</i> , 2008 , 100, 112001	7.4	138
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	Lepton-Flavor-Dependent Angular Analysis of $B \rightarrow K^{*0} \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 111801	7.4	131
233	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
232	Observation of the $\eta_c(2S)$ in Exclusive $B \rightarrow K K(S) K \pi^+$ Decays. <i>Physical Review Letters</i> , 2002 , 89, 102001	7.4	125
231	Hyper Suprime-Cam: Camera dewar design. <i>Publication of the Astronomical Society of Japan</i> , 2018 , 70,	3.2	119
230	Evidence for $B \rightarrow \bar{D}^0$ with a hadronic tagging method using the full data sample of Belle. <i>Physical Review Letters</i> , 2013 , 110, 131801	7.4	118
229	Evidence for $B_0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 261801	7.4	114
228	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

227	Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 191802	7.4	108
226	Search for squarks and gluinos in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1995 , 75, 618-623	7.4	100
225	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
224	Measurement of branching fractions and polarization in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201801	7.4	96
223	Measurement of the Top Quark Mass Using Dilepton Events. <i>Physical Review Letters</i> , 1998 , 80, 2063-2068	7.4	96
222	Evidence for a new resonance and search for the $Y(4140)$ in the $\gamma\gamma \rightarrow \phi J/\psi$ process. <i>Physical Review Letters</i> , 2010 , 104, 112004	7.4	95
221	Observation of $B(0) \rightarrow D^{*-} \tau^+ \nu(\tau)$ decay at Belle. <i>Physical Review Letters</i> , 2007 , 99, 191807	7.4	93
220	Observation of $B^{+/-} \rightarrow p^{(-)} \bar{p} K^{+/-}$. <i>Physical Review Letters</i> , 2002 , 88, 181803	7.4	93
219	Inclusive micro and b-quark production cross sections in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1995 , 74, 3548-3552	7.4	92
218	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
217	Charged-hadron inclusive cross sections and fractions in e^+e^- annihilation at $\sqrt{s}=29\text{GeV}$. <i>Physical Review Letters</i> , 1988 , 61, 1263-1266	7.4	90
216	Measurement of $B(0)(d)-B_{(0)}(d)$ mixing rate from the time evolution of dilepton events at the $\Upsilon(4S)$. <i>Physical Review Letters</i> , 2001 , 86, 3228-32	7.4	89
215	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221804	7.4	88
214	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , 2008 , 452, 332-5	50.4	86
213	Pion and kaon pair production in photon-photon collisions. <i>Physical Review Letters</i> , 1986 , 57, 404-407	7.4	86
212	Observation of an isotriplet of excited charmed baryons decaying to $\lambda + c \pi$. <i>Physical Review Letters</i> , 2005 , 94, 122002	7.4	85
211	Upper bound on the decay $\tau \rightarrow \mu \gamma$ from the Belle detector. <i>Physical Review Letters</i> , 2004 , 92, 171802	7.4	84
210	Observation of $B^{+/-} \rightarrow \rho^+ / \rho^0$ decays. <i>Physical Review Letters</i> , 2003 , 91, 221801	7.4	84

209	Measurement of D0-D0 mixing parameters in D0 \rightarrow Ks pi+ pi- decays. <i>Physical Review Letters</i> , 2007 , 99, 131803	7.4	82
208	Observation of B(0) \rightarrow D($\bar{0}$)pp. <i>Physical Review Letters</i> , 2002 , 89, 151802	7.4	81
207	Search for light top squarks in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1996 , 76, 2222-2227	7.4	81
206	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
205	Measurement of time-dependent CP-violating asymmetries in B0 \rightarrow phiK(0)S, K+K-K0(S), and etaK0(S) decays. <i>Physical Review Letters</i> , 2003 , 91, 261602	7.4	76
204	Observation of B \rightarrow K*l+l-. <i>Physical Review Letters</i> , 2003 , 91, 261601	7.4	75
203	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
202	Charged Hadron Production in e+e-Annihilation at 29 GeV. <i>Physical Review Letters</i> , 1984 , 52, 577-580	7.4	71
201	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
200	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
199	Top quark search with the D0 1992-1993 data sample. <i>Physical Review D</i> , 1995 , 52, 4877-4919	4.9	68
198	Measurement of the Top Quark Pair Production Cross Section in pp Collisions. <i>Physical Review Letters</i> , 1997 , 79, 1203-1208	7.4	67
197	Measurement of branching fractions for B \rightarrow pipi, Kpi, and KK decays. <i>Physical Review Letters</i> , 2001 , 87, 101801	7.4	65
196	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
195	Improved constraints on D0-D0 mixing in D0 \rightarrow K+ pi- decays from the Belle detector. <i>Physical Review Letters</i> , 2006 , 96, 151801	7.4	63
194	Experimental constraints on the spin and parity of the Lambdac(2880)+. <i>Physical Review Letters</i> , 2007 , 98, 262001	7.4	63
193	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
192	Search for right-handed W bosons and heavy W Mn pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1996 , 76, 3271-3276	7.4	63

191	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
190	Observation of $B^+ \rightarrow p\bar{p}p^+$, $B^0 \rightarrow p\bar{p}K^0$, and $B^+ \rightarrow p\bar{p}K^{*+}$. <i>Physical Review Letters</i> , 2004 , 92, 131801	7.4	62
189	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
188	W and Z Boson Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1995 , 75, 1456-1461	7.4	62
187	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
186	Observation of $B^0 \rightarrow p\Lambda(\pi)^-$. <i>Physical Review Letters</i> , 2003 , 90, 201802	7.4	56
185	Observation of $Z_{\{b\}}(10610)$ and $Z_{\{b\}}(10650)$ Decaying to B Mesons. <i>Physical Review Letters</i> , 2016 , 116, 212001	7.4	55
184	Rapidity gaps between jets in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1994 , 72, 2332-2336	7.4	55
183	Protein kinase C during differentiation of human promyelocytic leukemia cell line, HL-60. <i>FEBS Letters</i> , 1990 , 263, 31-4	3.8	54
182	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
181	K^*0 and KS^0 Meson Production in e^+e^- Annihilations at 29 GeV. <i>Physical Review Letters</i> , 1984 , 53, 2378-2384	7.4	52
180	Search for top quark in e^+e^- collisions at $\sqrt{s}=52\text{GeV}$. <i>Physical Review Letters</i> , 1988 , 60, 97-100	7.4	51
179	Evidence for the $\chi_{(b)}(2S)$ and observation of $h(b)(1P) \rightarrow \chi_{(b)}(1S)$ and $h(b)(2P) \rightarrow \chi_{(b)}(1S)$. <i>Physical Review Letters</i> , 2012 , 109, 232002	7.4	50
178	Study of Bose-Einstein correlations in e^+e^- annihilation at 29 GeV. <i>Physical Review D</i> , 1985 , 31, 996-1003	4.9	48
177	Measurement of the W Boson Mass. <i>Physical Review Letters</i> , 1996 , 77, 3309-3314	7.4	47
176	Formation of spin-one mesons by photon-photon fusion. <i>Physical Review D</i> , 1988 , 38, 1-18	4.9	47
175	Observation of $B(s) \rightarrow J/\psi(3S)$ and evidence for $B(s) \rightarrow J/\psi(1370)$. <i>Physical Review Letters</i> , 2011 , 106, 121802	7.4	46
174	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

173	Search for $B \rightarrow h(*)\eta$ decays at Belle. <i>Physical Review Letters</i> , 2007 , 99, 221802	7.4	46
172	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
171	Limits on Anomalous WW Couplings from $pp \rightarrow W\eta X$ Events at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 3634-3639	7.4	45
170	Observation of $B \rightarrow K_1(1270)\gamma$. <i>Physical Review Letters</i> , 2005 , 94, 111802	7.4	45
169	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
168	First generation leptoquark search in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1994 , 72, 965-969	7.4	43
167	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
166	Observation of the decay $B_0 \rightarrow \Lambda^0 \gamma$. <i>Physical Review Letters</i> , 2003 , 90, 121802	7.4	42
165	Evidence for a spin-1 particle produced by two photons. <i>Physical Review Letters</i> , 1986 , 57, 2500-2503	7.4	41
164	Observation of $B \rightarrow \Lambda\Lambda K^+$. <i>Physical Review Letters</i> , 2004 , 93, 211801	7.4	40
163	Search for Heavy Pointlike Dirac Monopoles. <i>Physical Review Letters</i> , 1998 , 81, 524-529	7.4	40
162	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
161	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
160	Jet production via strongly interacting color-singlet exchange in pp collisions. <i>Physical Review Letters</i> , 1996 , 76, 734-739	7.4	39
159	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 77, 5011-5015	7.4	39
158	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
157	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
156	Observation of $B_0 \rightarrow \pi^0\pi^0$. <i>Physical Review Letters</i> , 2005 , 94, 181803	7.4	38

155	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
154	Search for W boson pair production in pp -bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1995 , 75, 1023-1027	7.4	38
153	Experimental limit on $\iota \rightarrow \gamma\gamma$ and the interpretation of the ι as a glueball. <i>Physical Review Letters</i> , 1986 , 57, 51-54	7.4	38
152	Comparison of the particle flow in qq -bar and qq -bar γ events in e^+e^- annihilation. <i>Physical Review Letters</i> , 1986 , 57, 945-948	7.4	38
151	Production of four-prong final states in photon-photon collisions. <i>Physical Review D</i> , 1988 , 37, 28-40	4.9	38
150	Observation of $b \rightarrow d\gamma$ and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2006 , 96, 221601	7.4	37
149	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
148	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
147	Measurement of $B(D_s^+ \rightarrow \mu^+ \nu_\mu)$. <i>Physical Review Letters</i> , 2008 , 100, 241801	7.4	36
146	Study of the ZZ and $Z\gamma$ Couplings in Z Production. <i>Physical Review Letters</i> , 1997 , 78, 3640-3645	7.4	35
145	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
144	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
143	PROPERTIES OF WEAK LENSING CLUSTERS DETECTED ON HYPER SUPRIME-CAMM2.3 deg ² FIELD. <i>Astrophysical Journal</i> , 2015 , 807, 22	4.7	34
142	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
141	Search for CP violation in the decays $D(s)^+ \rightarrow K_S^0 \pi^+$ and $D(s)^+ \rightarrow K_S^0 K^+$. <i>Physical Review Letters</i> , 2010 , 104, 181602	7.4	34
140	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
139	Energy Scan of the $e^+e^- \rightarrow h_{(n)P}^{\pm\pm}$ ($n=1, 2$) Cross Sections and Evidence for $\chi(11020)$ Decays into Charged Bottomoniumlike States. <i>Physical Review Letters</i> , 2016 , 117, 142001	7.4	34
138	Small-angle p p elastic scattering and the real-to-imaginary ratio of the forward amplitude between 413 and 715 MeV/c. <i>Nuclear Physics A</i> , 1985 , 433, 580-604	1.3	33

137	Evidence for the suppressed decay $B(-) \rightarrow DK(-), D \rightarrow K(+)\bar{D}$. <i>Physical Review Letters</i> , 2011 , 106, 231803	7.4	32
136	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
135	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
134	Lambda production in e+e- annihilation at 29 GeV. <i>Physical Review Letters</i> , 1985 , 54, 274-277	7.4	32
133	Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , 2007 , 98, 132001	7.4	31
132	Search for Diphoton Events with Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 78, 2070-2074	7.4	30
131	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. <i>Physical Review Letters</i> , 1996 , 77, 595-600	7.4	30
130	Measurement of the total hadronic cross section in tagged gamma gamma reactions. <i>Physical Review D</i> , 1990 , 41, 2667-2674	4.9	30
129	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
128	$Z\bar{\nu}$ production in pp collisions at $\sqrt{s}=1.8$ TeV and limits on anomalous ZZ and $Z\bar{\nu}$ couplings. <i>Physical Review D</i> , 1998 , 57, R3817-R3821	4.9	29
127	A Measurement of the W Boson Mass at the Fermilab pp Collider. <i>Physical Review Letters</i> , 1998 , 80, 3008-3013	7.4	28
126	Study of baryon correlations in e+e- annihilation at 29 GeV. <i>Physical Review Letters</i> , 1986 , 57, 3140-3143	7.4	28
125	Observation of $e+e- \rightarrow \mu\mu(D)(B_J)$ and Search for $X(b) \rightarrow \bar{D}(1S)$ at $\sqrt{s} = 10.867$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 142001	7.4	27
124	Observation of $B_{(s)}(0) \rightarrow \mu\gamma$ and search for $B_{(s)}(0) \rightarrow \gamma\gamma$ decays at Belle. <i>Physical Review Letters</i> , 2008 , 100, 121801	7.4	27
123	Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 80, 5498-5503	7.4	27
122	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
121	Observation of Strangeness Correlations in e+e Annihilation at $\sqrt{s}=29$ GeV. <i>Physical Review Letters</i> , 1984 , 53, 2199-2202	7.4	27
120	Limits on WWZ and WW Couplings from pp $\rightarrow e\bar{\nu}X$ Events at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 1441-1446	7.4	26

119	Studies of gauge boson pair production and trilinear couplings. <i>Physical Review D</i> , 1997 , 56, 6742-6778	4.9	26
118	Determination of $ V_{ub}/V_{ub} $ 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
117	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
116	Prompt muon production in e+e- annihilations at 29 GeV. <i>Physical Review D</i> , 1985 , 31, 2719-2723	4.9	26
115	Search for the dark photon and the dark Higgs boson at belle. <i>Physical Review Letters</i> , 2015 , 114, 211801	7.4	25
114	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
113	Search for CP violation in $B \rightarrow K(S)0\pi^0$ decays at Belle. <i>Physical Review Letters</i> , 2011 , 107, 131801	7.4	25
112	Search for a Fourth Generation Charge $2/3$ Quark via Flavor Changing Neutral Current Decay. <i>Physical Review Letters</i> , 1997 , 78, 3818-3823	7.4	25
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109	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
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97	Charmonium production in photon-photon collisions. <i>Physical Review Letters</i> , 1988 , 60, 2355-2358	7.4	21
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