

Sun Kee Kim

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.

289
papers

13,846
citations

60
h-index

106
g-index

289
ext. papers

14,921
ext. citations

5.4
avg, IF

3.26
L-index

#	Paper	IF	Citations
289	The environmental monitoring system at the COSINE-100 experiment. <i>Journal of Instrumentation</i> , 2022 , 17, T01001	1	1
288	Strong constraints from COSINE-100 on the DAMA dark matter results using the same sodium iodide target. <i>Science Advances</i> , 2021 , 7, eabk2699	14.3	10
287	Measurement of the cosmic muon annual and diurnal flux variation with the COSINE-100 detector. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 013-013	6.4	4
286	Lowering the energy threshold in COSINE-100 dark matter searches. <i>Astroparticle Physics</i> , 2021 , 130, 102581	2.4	4
285	The COSINE-100 liquid scintillator veto system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021 , 1006, 165431 ^{1,2}		4
284	Study of cosmogenic radionuclides in the COSINE-100 NaI(Tl) detectors. <i>Astroparticle Physics</i> , 2020 , 115, 102390	2.4	5
283	A Study of NaI(Tl) crystal encapsulation using organic scintillators for the dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 953, 163141	1.2	1
282	Performance of the time-of-flight detector for a measurement of free fall of antihydrogen at the GBAR experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 973, 164162	1.2	
281	A search for solar axion induced signals with COSINE-100. <i>Astroparticle Physics</i> , 2020 , 114, 101-106	2.4	3
280	Quenching factor measurement for NaI(Tl) scintillation crystal. <i>Astroparticle Physics</i> , 2019 , 108, 50-56	2.4	22
279	COSINE-100 and DAMA/LIBRA-phase2 in WIMP effective models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 048-048	6.4	10
278	Comparison between DAMA/LIBRA and COSINE-100 in the light of quenching factors. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 008-008	6.4	7
277	Muon detector for the COSINE-100 experiment. <i>Journal of Instrumentation</i> , 2018 , 13, T02007-T02007	1	17
276	The COSINE-100 data acquisition system. <i>Journal of Instrumentation</i> , 2018 , 13, P09006-P09006	1	14
275	Measurement of the quenching and channeling effects in a CsI crystal used for a WIMP search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 782, 133-142	1.2	6
274	Pulse-shape discrimination between electron and nuclear recoils in a NaI(Tl) crystal. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	9
273	Rare isotope accelerator project in Korea and its application to high energy density sciences. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 733, 220-225	1.2	2

272	Neutron calibration facility with an Am-Be source for pulse shape discrimination measurement of CsI(Tl) crystals. <i>Journal of Instrumentation</i> , 2014 , 9, P11015-P11015	1	5
271	Experimental systems overview of the Rare Isotope Science Project in Korea. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 317, 242-247	1.2	30
270	Ultra-low gamma-ray measurement system for neutrinoless double beta decay. <i>Applied Radiation and Isotopes</i> , 2013 , 81, 290-3	1.7	4
269	Growth and scintillation characterizations of SrMoO ₄ single crystals. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 2018-2023	0.6	9
268	Search for an H-dibaryon with a mass near 2m _n in $\Lambda(1520)$ and $\Lambda(1520)$ decays. <i>Physical Review Letters</i> , 2013 , 110, 222002	7.4	25
267	Simulation and Measurement of Quenching and Channeling Effects in CsI(Tl) for Dark Matter Search. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 2346-2353	1.7	4
266	Scintillation Properties and Internal Background Study of $^{40}\text{Ca}^{100}\text{MoO}_4$ Crystal Scintillators for Neutrino-Less Double Beta Decay Search. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 2214-2218	1.7	39
265	Low energy fast events from radon progenies at the surface of a CsI(Tl) scintillator. <i>Astroparticle Physics</i> , 2012 , 35, 781-784	2.4	5
264	New limits on interactions between weakly interacting massive particles and nucleons obtained with CsI(Tl) crystal detectors. <i>Physical Review Letters</i> , 2012 , 108, 181301	7.4	127
263	Introduction to Quantum Sensors in Cryogenic Particle Detection 2012 , 393-411		
262	Experimental study on neutrinoless double beta decay of ⁹² Mo. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 654, 157-161	1.2	8
261	Measurement limits to ¹³⁴ Cs concentration in soil. <i>Applied Radiation and Isotopes</i> , 2011 , 69, 1294-8	1.7	2
260	The development of a cryogenic detector with CaMoO ₄ crystals for neutrinoless double beta decay search. <i>Astroparticle Physics</i> , 2011 , 34, 732-737	2.4	65
259	Signal processing in cryogenic particle detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 635, 82-85	1.2	5
258	Radon Environment in the Korea Invisible Mass Search Experiment and Its Measurement. <i>Journal of the Korean Physical Society</i> , 2011 , 58, 713-718	0.6	8
257	Cryogenic measurement of alpha decay in a ^4He absorber. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 055103	2.9	21
256	Evidence for a new resonance and search for the Y(4140) in the $\gamma\gamma \rightarrow \phi/\psi$ process. <i>Physical Review Letters</i> , 2010 , 104, 112004	7.4	95
255	Neutrino-Less Double Beta Decay Experiment Using $^{100}\text{Ca}^{100}\text{MoO}_4$ Scintillation Crystals. <i>IEEE Transactions on Nuclear Science</i> , 2010 , 57, 1475-1480	1.7	72

254	Search for lepton flavor and lepton number violating Ξ decays into a lepton and two charged mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 355-362	4.2	13
253	Search for lepton-flavor-violating Ξ decays into three leptons with 719 million produced. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 687, 139-143	4.2	231
252	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
251	Observation of the doubly cabibbo-suppressed decay $D_{s;+} \rightarrow K_{s;+} K_{s;+} \pi_{s;-}$. <i>Physical Review Letters</i> , 2009 , 102, 221802	7.4	7
250	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
249	Ancient Greek lead findings in Ukraine. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 603, 328-332	1.2	23
248	Precise measurement of hadronic Ξ decays with an Ξ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 209-218	4.2	41
247	A search for $0\nu\Xi$ decay of ^{124}Sn with tin-loaded liquid scintillator. <i>Astroparticle Physics</i> , 2009 , 31, 412-416	2.4	11
246	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , 2008 , 452, 332-5	50.4	86
245	. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1473-1475	1.7	12
244	Development of Low Background CsI(Tl) Crystals and Search for WIMP. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1420-1424	1.7	14
243	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
242	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
241	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
240	Evidence for neutral B meson decays to ωK^0 . <i>Physical Review Letters</i> , 2008 , 101, 231801	7.4	6
239	Observation of $B_{(s)}(0) \rightarrow \rho\gamma$ and search for $B_{(s)}(0) \rightarrow \gamma\gamma$ decays at Belle. <i>Physical Review Letters</i> , 2008 , 100, 121801	7.4	27
238	Measurement of $B(D_s^+ \rightarrow \mu^+ \nu(\mu))$. <i>Physical Review Letters</i> , 2008 , 100, 241801	7.4	36
237	Observation of a resonancelike structure in the $\pi^+ \pi^- \psi'$ mass distribution in exclusive $B \rightarrow K\pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2008 , 100, 142001	7.4	358

236	Observation of a near-threshold enhancement in the $e^+e^- \rightarrow \Lambda_b^+ \Lambda_b^-$ cross section using initial-state radiation. <i>Physical Review Letters</i> , 2008 , 101, 172001	7.4	178
235	Measurement of the ratio $B(D0 \rightarrow \pi^0 \pi^0)/B(D0 \rightarrow K_S^0 \pi^0)$ and the time-integrated CP asymmetry in $D0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 662, 102-110	4.2	8
234	Search for resonant $B_c^- \rightarrow K_c^- h \rightarrow K_c^- \pi$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 662, 323-329	4.2	7
233	Measurement of masses of the χ_{c0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 9-15	4.2	25
232	New search for χ_{c0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 16-22	4.2	119
231	Search for a CP asymmetry in Cabibbo-suppressed $D0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 670, 190-195	4.2	53
230	Development of CaMoO4 crystal scintillators for a double beta decay experiment with. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 584, 334-345	1.2	95
229	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
228	Development of low-background CsI(Tl) crystals for WIMP search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 571, 644-650	1.2	39
227	A search for the rare leptonic decays $B^+ \rightarrow \pi^0 \ell^+ \nu$ and $B^+ \rightarrow e^+ \mu^- \nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 67-73	4.2	23
226	Study of χ_{c0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 654, 65-73	4.2	101
225	Development of tin-loaded liquid scintillator for the double beta decay experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 570, 454-458	1.2	10
224	Current activities at the Seoul National University AMS facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 259, 57-61	1.2	2
223	Searches for the β/EC decays of ^{64}Zn and ^{112}Sn , and the β decay transitions of ^{124}Sn to the excited states of ^{124}Te . <i>Nuclear Physics A</i> , 2007 , 793, 171-177	1.3	22
222	Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , 2007 , 98, 132001	7.4	31
221	Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in Upsilon(4S) $\rightarrow B0 B0$ decays. <i>Physical Review Letters</i> , 2007 , 99, 131802	7.4	39
220	Evidence for $D0$ - $\bar{D}0$ mixing. <i>Physical Review Letters</i> , 2007 , 98, 211803	7.4	194
219	Search for the CP-violating decays Upsilon(4S) $\rightarrow B0 B0 \rightarrow J/\psi K_S^0 + J/\psi(\text{etac}) K_S^0$. <i>Physical Review Letters</i> , 2007 , 99, 211601	7.4	

218	Observation of the decay $B(0) \rightarrow J/\psi \pi^0$. <i>Physical Review Letters</i> , 2007 , 98, 131803	7.4	10
217	Measurement of D^0 - \bar{D}^0 mixing parameters in $D^0 \rightarrow K^s \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2007 , 99, 131803	7.4	82
216	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
215	Evidence for CP violation in $B^0 \rightarrow D^+ D^-$ decays. <i>Physical Review Letters</i> , 2007 , 98, 221802	7.4	19
214	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
213	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
212	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
211	Evidence for large direct CP violation in $B^{\pm} \rightarrow \rho(770) K^{\pm}$ from analysis of three-body charmless $B^{\pm} \rightarrow K^{\pm} \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 251803	7.4	97
210	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
209	Improved constraints on D^0 - \bar{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
208	Search for lepton and baryon number violating ΔB decays into ΔB and ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 51-57	4.2	13
207	Search for the ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 173-180	4.2	22
206	First limit on WIMP cross section with low background ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 633, 201-208	4.2	47
205	Search for neutrinoless decays ΔB and ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 640, 138-144	4.2	16
204	Search for ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 613, 20-28	4.2	26
203	Measurement of the ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 615, 39-49	4.2	53
202	Study of the baryon-antibaryon low-mass enhancements in charmless three-body baryonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 617, 141-149	4.2	53
201	Branching fraction, polarization and CP-violating asymmetries in ΔB . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 618, 34-42	4.2	17

200	Measurement of $ V_{ub} $ near the endpoint of the electron momentum spectrum from semileptonic B-meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 621, 28-40	4.2	30
199	Inhibition of Cs137 contamination in cesium iodide. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 552, 456-462 ^{1.2}		18
198	CaMoO/sub 4/ scintillation crystal for the search of /sup 100/Mo double beta decay. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 1131-1135	1.7	58
197	Beam tests of the balloon-borne ATIC experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 552, 409-419 ^{1.2}		17
196	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
195	Observation of the $D_1(2420) \rightarrow D_{pi} + \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221805	7.4	20
194	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , 2005 , 95, 231802	7.4	6
193	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
192	Observation of an isotriplet of excited charmed baryons decaying to $\lambda + c \pi$. <i>Physical Review Letters</i> , 2005 , 94, 122002	7.4	85
191	Observation of $B^+ \rightarrow K_1(1270) + \gamma$. <i>Physical Review Letters</i> , 2005 , 94, 111802	7.4	45
190	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221804	7.4	88
189	Evidence for direct CP violation in $B_0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 191802	7.4	108
188	Evidence for $B_0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 131802	7.4	9
187	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
186	Search for CP violation in the decay $B_0 \rightarrow D^{*+/-} D^-/+$. <i>Physical Review Letters</i> , 2004 , 93, 201802	7.4	13
185	Observation of the radiative decay $D_0 \rightarrow \phi \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 101803	7.4	8
184	Observation of $B^+ \rightarrow \Lambda \Lambda K^+$. <i>Physical Review Letters</i> , 2004 , 93, 211801	7.4	40
183	Upper bound on the decay $\tau \rightarrow \mu \gamma$ from the Belle detector. <i>Physical Review Letters</i> , 2004 , 92, 171802	7.4	84

182	Observation of the decays $B^0 \rightarrow K^+ \bar{D}$ and $B^0 \rightarrow K^+ \bar{K}^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 599, 148-158	4.2	24
181	Measurement of the neutron flux in the CPL underground laboratory and simulation studies of neutron shielding for WIMP searches. <i>Astroparticle Physics</i> , 2004 , 20, 549-557	2.4	23
180	Study of the internal background of CsI(Tl) crystal detectors for dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 500, 337-344	1.2	31
179	Search for the electric dipole moment of the τ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 551, 16-26	4.2	84
178	Study of $B^0 \rightarrow D^{(*)} 0 \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 553, 159-166	4.2	21
177	Development of CsI crystals for WIMP search. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 124, 217-220		2
176	Observation of the decay $B^0 \rightarrow \lambda + c p$. <i>Physical Review Letters</i> , 2003 , 90, 121802	7.4	42
175	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
174	Measurement of branching fractions and polarization in $B \rightarrow \phi K^{(*)}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201801	7.4	96
173	Evidence for $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 261801	7.4	114
172	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
171	Observation of $B^{+/-} \rightarrow \rho^+ / \rho^0$ decays. <i>Physical Review Letters</i> , 2003 , 91, 221801	7.4	84
170	Studies of the decay $B^{+/-} \rightarrow D(CP) K^{+/-}$. <i>Physical Review Letters</i> , 2003 , 90, 131803	7.4	8
169	Observation of $B \rightarrow K^* l^+ l^-$. <i>Physical Review Letters</i> , 2003 , 91, 261601	7.4	75
168	The Belle detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 117-232	1.2	1099
167	Neutron beam test of CsI crystal for dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 491, 460-469 ^{1,2}		45
166	Observation of Cabibbo-suppressed and W-exchange $\bar{u} +$ baryon decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 33-43	4.2	21
165	The inclusive jet cross section in pp collisions at $s=1.8$ TeV using the k_T algorithm. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 525, 211-218	4.2	32

164	Determination of $ V_{cb} $ using the semileptonic decay $B^0 \rightarrow D^{*+} e^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 247-257</i>	4.2	33
163	Measurement of $B(B^0 \rightarrow D^+ \pi^-)$ and determination of $ V_{cb} $. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 258-268</i>	4.2	45
162	Hard single diffraction in p p collisions at $\sqrt{s}=630$ and 1800 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 52-60</i>	4.2	18
161	Measurement of \bar{B}_2 production in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 33-42</i>	4.2	18
160	Measurement of the oscillation frequency for B^0 mixing using hadronic B^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 542, 207-215</i>	4.2	12
159	Study of $B \rightarrow \pi$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 542, 183-192</i>	4.2	39
158	Measurement of the inclusive semileptonic branching fraction of B mesons and $ V_{cb} $. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 181-192</i>	4.2	12
157	Electromagnetic calorimeter trigger at Belle. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 494, 548-554</i>	1.2	17
156	Observation of $B(0) \rightarrow D^{(*)0} pp$. <i>Physical Review Letters, 2002, 89, 151802</i>	7.4	81
155	Observation of $D^{+}(s)K^-$ and evidence for $D^{+}(s)\pi^-$ final states in neutral B decays. <i>Physical Review Letters, 2002, 89, 231804</i>	7.4	39
154	Search for R-parity violating supersymmetry in two-muon and four-jet topologies. <i>Physical Review Letters, 2002, 89, 171801</i>	7.4	5
153	Search for the production of single sleptons through R-parity violation in pp collisions at square root $(\sqrt{s})=1.8$ TeV. <i>Physical Review Letters, 2002, 89, 261801</i>	7.4	7
152	Direct search for charged higgs bosons in decays of top quarks. <i>Physical Review Letters, 2002, 88, 151803</i>	7.4	37
151	Search for the scalar top quark in pp collisions at square root $(\sqrt{s})=1.8$ TeV. <i>Physical Review Letters, 2002, 88, 171802</i>	7.4	16
150	Observation of $B^{+/-} \rightarrow p^{(-)} p K^{+/-}$. <i>Physical Review Letters, 2002, 88, 181803</i>	7.4	93
149	Observation of $B^{+/-} \rightarrow \omega K^{+/-}$ decay. <i>Physical Review Letters, 2002, 89, 191801</i>	7.4	9
148	Observation of double c production in e^+e^- annihilation at square root (\sqrt{s}) approximately 10.6 GeV. <i>Physical Review Letters, 2002, 89, 142001</i>	7.4	238
147	A measurement of the branching fraction for the inclusive $B \rightarrow X_s \pi$ decays with the Belle detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 151-158</i>	4.2	230

146	Differential cross section for w boson production as a function of transverse momentum in collisions at TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 513, 292-300	4.2	23
145	Search for single top quark production at D using neural networks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 282-294	4.2	51
144	Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum in pp collisions at s=1.8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 299-308	4.2	6
143	Measurement of the branching fraction for B->DK and search for B->D _s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 309-318	4.2	54
142	A fast programmable trigger for isolated cluster counting in the BELLE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 457, 634-639	1.2	3
141	Test of CsI (Tl) crystals for the dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 457, 471-475 ^{1.2}	1.2	15
140	First results from ATIC beam-test at CERN. <i>Advances in Space Research</i> , 2001 , 27, 819-824	2.4	1
139	Quasi-model-independent search for new high p(T) physics at D0. <i>Physical Review Letters</i> , 2001 , 86, 3712-74	7.4	24
138	Ratio of isolated photon cross sections in pp macro collisions at square root of s = 630 and 1800 GeV. <i>Physical Review Letters</i> , 2001 , 87, 251805	7.4	33
137	Search for new physics using QUAERO: a general interface to D0 event data. <i>Physical Review Letters</i> , 2001 , 87, 231801	7.4	9
136	Ratio of jet cross sections at square root of s = 630 GeV and 1800 GeV. <i>Physical Review Letters</i> , 2001 , 86, 2523-8	7.4	13
135	Measurement of branching fractions for B --> p ₁ p ₂ , K ₁ p ₂ , and KK decays. <i>Physical Review Letters</i> , 2001 , 87, 101801	7.4	65
134	Measurement of B(0)(d)-B _s (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
133	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
132	Inclusive jet production in pp(macro) collisions. <i>Physical Review Letters</i> , 2001 , 86, 1707-12	7.4	60
131	Ratios of multijet Cross Sections in p p collisions at radical(s) = 1.8 TeV. <i>Physical Review Letters</i> , 2001 , 86, 1955-60	7.4	13
130	Observation of B --> J/psi K(1)(1270). <i>Physical Review Letters</i> , 2001 , 87, 161601	7.4	25
129	Search for large extra dimensions in dielectron and diphoton production. <i>Physical Review Letters</i> , 2001 , 86, 1156-61	7.4	61

128	Observation of Cabibbo suppressed $B \rightarrow D^{(*)}K$ - decays at Belle. <i>Physical Review Letters</i> , 2001 , 87, 11180-11184	7.4	23
127	Observation of $\psi(1525)$ Production in High-Q ² Two Photon Interactions at TRISTAN. <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 2311-2315	1.5	1
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125	Upper limit to the monotonic increasing dependence of the plasma density on the magnetic field in helicon discharges. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000 , 267, 384-388	2.3	9
124	Measurement of the W boson mass using electrons at large rapidities. <i>Physical Review Letters</i> , 2000 , 84, 222-7	7.4	26
123	Differential production cross section of Z bosons as a function of transverse momentum at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 2792-7	7.4	33
122	Search for second-generation leptoquark pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 2088-93	7.4	29
121	Measurement of the $W \rightarrow \tau\nu$ production cross section in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 5710-5	7.4	12
120	Isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 2786-91	7.4	60
119	Spin correlation in $t\bar{t}$ production from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 85, 256-61	7.4	35
118	Small-angle muon and bottom-quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 5478-83	7.4	37
117	Cross section for b-Jet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 85, 5068-73	7.4	65
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115	Search for R-Parity Violating Supersymmetry in the Dielectron Channel. <i>Physical Review Letters</i> , 1999 , 83, 4476-4481	7.4	24
114	Small Angle J/ψ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 82, 35-40	7.4	38
113	Measurement of the Top Quark Pair Production Cross Section in the All-Jets Decay Channel. <i>Physical Review Letters</i> , 1999 , 83, 1908-1913	7.4	31
112	Search for Squarks and Gluinos in Events Containing Jets and a Large Imbalance in Transverse Energy. <i>Physical Review Letters</i> , 1999 , 83, 4937-4942	7.4	51
111	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

110	Search for Squarks and Gluinos in Single-Photon Events with Jets and Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 82, 29-34	7.4	17
109	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. <i>Physical Review Letters</i> , 1999 , 82, 4975-4980	7.4	78
108	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 82, 2451-2456	7.4	62
107	Dijet Mass Spectrum and a Search for Quark Compositeness in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 82, 2457-2462	7.4	53
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97	Probing hard color-singlet exchange in pp collisions at $\sqrt{s} = 630$ GeV and 1800 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 440, 189-202	4.2	52
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95	Search for top squark pair production in the dielectron channel. <i>Physical Review D</i> , 1998 , 57, 589-593	4.9	13
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91	Z production in pp collisions at $s=1.8\text{TeV}$ and limits on anomalous ZZ and Z couplings. <i>Physical Review D</i> , 1998 , 57, R3817-R3821	4.9	29
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86	Search for First Generation Scalar Leptoquark Pairs in pp Collisions at $s=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 80, 2051-2056	7.4	46
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84	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in pp Collisions. <i>Physical Review Letters</i> , 1997 , 79, 4321-4326	7.4	44
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81	Direct Measurement of the Top Quark Mass. <i>Physical Review Letters</i> , 1997 , 79, 1197-1202	7.4	88
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63	Measurement of the W Boson Mass. <i>Physical Review Letters</i> , 1996 , 77, 3309-3314	7.4	47
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58	A determination of β _s in e+e- annihilations at s=57.3 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 394-400	4.2	1
57	A measurement of Bose-Einstein correlations in e+e- annihilations at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 406-414	4.2	9

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55	Search for heavy W bosons in 1.8 TeV collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 405-411	4.2	8
54	Measurement of charm production in two-photon processes using inclusive lepton events at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 249-258	4.2	12
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50	Measurement of the Branching Ratio and Form Factor of KL--> micro+ micro- gamma. <i>Physical Review Letters</i> , 1995 , 74, 3323-3326	7.4	15
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39	Measurement of the branching ratio of KL-->e+e- gamma gamma. <i>Physical Review Letters</i> , 1994 , 73, 2169-2172	7.4	8

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35	Search for the decay $KL_0 \rightarrow \pi^0 \pi^0 \gamma$. <i>Physical Review D</i> , 1994 , 50, 1874-1878	4.9	4
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24	Development of diamond radiation detectors for SSC and LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 39-42	1.2	55
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8	Measurement of $e^+e^- \rightarrow b\bar{b}$ forward-backward charge asymmetry between $\sqrt{s}=52$ and 57 GeV. <i>Physical Review Letters</i> , 1989 , 63, 2341-2345	7.4	16
7	Measurements of cross sections and charge asymmetries for from 52 to 57 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 218, 112-118	4.2	26
6	Search for non-minimal Higgs production in e^+e^- annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 228, 548-552	4.2	3
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