

# Sun Kee Kim

## List of Publications by Citations

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289  
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289  
ext. papers

14,921  
ext. citations

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3.26  
L-index

#	Paper	IF	Citations
289	Observation of a narrow charmoniumlike state in exclusive $B^{+/-} \rightarrow K^{+/-} \pi^+ \pi^- J/\psi$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 262001	7.4	1115
288	The Belle detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 479, 117-232	1.2	1099
287	Observation of the Top Quark. <i>Physical Review Letters</i> , <b>1995</b> , 74, 2632-2637	7.4	909
286	Observation of a resonancelike structure in the $\pi^+ \pi^- \psi(2S)$ mass distribution in exclusive $B \rightarrow K \pi^+ \pi^- \psi(2S)$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 142001	7.4	358
285	Observation of two resonant structures in $e^+ e^- \rightarrow \pi^+ \pi^- \psi(2S)$ via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 142002	7.4	272
284	Measurement of the differential branching fraction and forward-backward asymmetry for $B \rightarrow K^{(*)} l^+ l^-$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 171801	7.4	244
283	Observation of double $c\bar{c}$ production in $e^+ e^-$ annihilation at $\sqrt{s}$ approximately 10.6 GeV. <i>Physical Review Letters</i> , <b>2002</b> , 89, 142001	7.4	238
282	Search for lepton-flavor-violating $\tau$ decays into three leptons with 719 million produced. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 687, 139-143	4.2	231
281	A measurement of the branching fraction for the inclusive $B \rightarrow X_s \tau^+ \tau^-$ decays with the Belle detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 511, 151-158	4.2	230
280	Evidence for $D^0$ - $\bar{D}^0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211803	7.4	194
279	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> , <b>2008</b> , 101, 172001	7.4	178
278	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in $e^+ e^-$ annihilation at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 232002	7.4	143
277	Observation of anomalous $\psi(1S) \pi^+ \pi^-$ and $\psi(2S) \pi^+ \pi^-$ production near the $\psi(5S)$ resonance. <i>Physical Review Letters</i> , <b>2008</b> , 100, 112001	7.4	138
276	New limits on interactions between weakly interacting massive particles and nucleons obtained with CsI(Tl) crystal detectors. <i>Physical Review Letters</i> , <b>2012</b> , 108, 181301	7.4	127
275	New search for $\tau \rightarrow \mu \nu \nu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 16-22	4.2	119
274	Evidence for $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 261801	7.4	114
273	Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 191802	7.4	108

272	The bb production cross section and angular correlations in pp collisions at $s=1.8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 264-272	4.2	103
271	Study of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 654, 65-73	4.2	101
270	Search for squarks and gluinos in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>1995</b> , 75, 618-623	7.4	100
269	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> , <b>2006</b> , 96, 251803	7.4	97
268	Measurement of branching fractions and polarization in $B \rightarrow \phi K^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 201801	7.4	96
267	Measurement of the Top Quark Mass Using Dilepton Events. <i>Physical Review Letters</i> , <b>1998</b> , 80, 2063-2068	7.4	96
266	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> , <b>2010</b> , 104, 112004	7.4	95
265	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> , <b>2008</b> , 584, 334-345	1.2	95
264	Observation of $B^{+/-} \rightarrow p^{(-)}\bar{p}K^{+/-}$ . <i>Physical Review Letters</i> , <b>2002</b> , 88, 181803	7.4	93
263	Measurement of the CP violation parameter $\sin^2 \phi(1)$ in $B^0(d)$ meson decays. <i>Physical Review Letters</i> , <b>2001</b> , 86, 2509-14	7.4	90
262	CPT tests in the neutral kaon system. <i>Physical Review Letters</i> , <b>1995</b> , 74, 4376-4379	7.4	90
261	Measurement of $B^0(d)-\bar{B}^0(d)$ mixing rate from the time evolution of dilepton events at the $\Upsilon(4S)$ . <i>Physical Review Letters</i> , <b>2001</b> , 86, 3228-32	7.4	89
260	Direct Measurement of the Top Quark Mass. <i>Physical Review Letters</i> , <b>1997</b> , 79, 1197-1202	7.4	88
259	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^{*}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221804	7.4	88
258	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , <b>2008</b> , 452, 332-5	50.4	86
257	Observation of an isotriplet of excited charmed baryons decaying to $\lambda + c \pi$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 122002	7.4	85
256	production in collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 370, 239-248	4.2	85
255	Upper bound on the decay $\tau \rightarrow \mu \gamma$ from the Belle detector. <i>Physical Review Letters</i> , <b>2004</b> , 92, 171802	7.4	84

254	Search for the electric dipole moment of the $\tau$ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 551, 16-26	4.2	84
253	Observation of $B^- \rightarrow \rho^- \rho^0$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 221801	7.4	84
252	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters in $D^0 \rightarrow K_S \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131803	7.4	82
251	Observation of $B(0) \rightarrow D^{(*)0} pp$ . <i>Physical Review Letters</i> , <b>2002</b> , 89, 151802	7.4	81
250	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. <i>Physical Review Letters</i> , <b>1999</b> , 82, 4975-4980	7.4	78
249	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> , <b>2003</b> , 91, 261602	7.4	76
248	Observation of $B \rightarrow K^* l^+ l^-$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 261601	7.4	75
247	Neutrino-Less Double Beta Decay Experiment Using $Ca^{100} MoO_4$ Scintillation Crystals. <i>IEEE Transactions on Nuclear Science</i> , <b>2010</b> , 57, 1475-1480	1.7	72
246	Measurement of forward-backward asymmetry and Wilson coefficients in $B \rightarrow K^* l^+ l^-$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 251801	7.4	69
245	Measurement of inclusive radiative B-meson decays with a photon energy threshold of 1.7 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 241801	7.4	68
244	Top quark search with the D0 1992-1993 data sample. <i>Physical Review D</i> , <b>1995</b> , 52, 4877-4919	4.9	68
243	Measurement of the Top Quark Pair Production Cross Section in $pp$ Collisions. <i>Physical Review Letters</i> , <b>1997</b> , 79, 1203-1208	7.4	67
242	Measurements of R and a search for heavy-quark production in $e^+e^-$ annihilation at $\sqrt{s} = 50$ and 52 GeV. <i>Physical Review Letters</i> , <b>1988</b> , 60, 93-96	7.4	67
241	The development of a cryogenic detector with $CaMoO_4$ crystals for neutrinoless double beta decay search. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 732-737	2.4	65
240	Measurement of branching fractions for $B \rightarrow \pi\pi$ , $K\pi$ , and $KK$ decays. <i>Physical Review Letters</i> , <b>2001</b> , 87, 101801	7.4	65
239	Cross section for b-Jet production in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , <b>2000</b> , 85, 5068-73	7.4	65
238	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> , <b>2006</b> , 96, 151801	7.4	63
237	Observation of $B^+ \rightarrow \pi^+ \pi^+ \pi^0$ , $B^0 \rightarrow \pi^+ \pi^0$ , and $B^+ \rightarrow \pi^+ \pi^+ K^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 131801	7.4	62

236	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1999</b> , 82, 2451-2456	7.4	62
235	W and Z Boson Production in $pp$ -bar Collisions at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1995</b> , 75, 1456-1461	7.4	62
234	Search for large extra dimensions in dielectron and diphoton production. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1156-61	7.4	61
233	Inclusive jet production in $pp$ (macro) collisions. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1707-12	7.4	60
232	Isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>2000</b> , 84, 2786-91	7.4	60
231	Particle- and photoinduced conductivity in type-IIa diamonds. <i>Journal of Applied Physics</i> , <b>1993</b> , 74, 1086-1095	7.4	60
230	Multihadron-event properties in $e^+e^-$ annihilation at $\sqrt{s}=52-57\text{GeV}$ . <i>Physical Review D</i> , <b>1990</b> , 41, 2675-2688	7.4	60
229	CaMoO <sub>4</sub> scintillation crystal for the search of <sup>100</sup> Mo double beta decay. <i>IEEE Transactions on Nuclear Science</i> , <b>2005</b> , 52, 1131-1135	1.7	58
228	Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales. <i>Physical Review Letters</i> , <b>1999</b> , 82, 4769-4774	7.4	57
227	Experimental evidence for the non-Abelian nature of QCD from a study of multijet events produced in $e^+e^-$ annihilation. <i>Physical Review Letters</i> , <b>1989</b> , 62, 1713-1716	7.4	56
226	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> , <b>1992</b> , 315, 39-42	1.2	55
225	Measurement of the branching fraction for $B \rightarrow \bar{K}^* \mu^+ \mu^-$ and search for $B \rightarrow \bar{K}^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 517, 309-318	4.2	54
224	Search for a CP asymmetry in Cabibbo-suppressed $D^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 670, 190-195	4.2	53
223	Measurement of the $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 615, 39-49	4.2	53
222	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> , <b>2005</b> , 617, 141-149	4.2	53
221	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> , <b>1999</b> , 82, 2457-2462	7.4	53
220	Probing hard color-singlet exchange in $pp$ collisions at $\sqrt{s}=630\text{GeV}$ and $1800\text{GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 440, 189-202	4.2	52
219	Search for single top quark production at DØ using neural networks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 517, 282-294	4.2	51

218	Search for Squarks and Gluinos in Events Containing Jets and a Large Imbalance in Transverse Energy. <i>Physical Review Letters</i> , <b>1999</b> , 83, 4937-4942	7.4	51
217	Evidence for hard scattering of hadronic constituents of photons in photon-photon collisions of TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 277, 215-220	4.2	51
216	Determination of the absolute jet energy scale in the DØ calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 424, 352-394	1.2	50
215	First limit on WIMP cross section with low background. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 633, 201-208	4.2	47
214	Measurement of the W Boson Mass. <i>Physical Review Letters</i> , <b>1996</b> , 77, 3309-3314	7.4	47
213	Measurement of the branching fraction, polarization, and asymmetry for decays, and determination of the Cabibbo-Kobayashi-Maskawa phase. <i>Physical Review Letters</i> , <b>2006</b> , 96, 171801	7.4	46
212	Search for First Generation Scalar Leptoquark Pairs in pp Collisions at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1998</b> , 80, 2051-2056	7.4	46
211	Limits on Anomalous WW Couplings from pp Collisions at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1997</b> , 78, 3634-3639	7.4	45
210	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> , <b>2002</b> , 491, 460-469 <sup>1.2</sup>	1.2	45
209	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</i> , <b>2002</b> , 526, 258-268	4.2	45
208	Observation of $B^+ \rightarrow K^0(1270) \pi^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 111802	7.4	45
207	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in pp Collisions. <i>Physical Review Letters</i> , <b>1997</b> , 79, 4321-4326	7.4	44
206	Observation of the decay $B^0 \rightarrow \Lambda^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 121802	7.4	42
205	Precise measurement of hadronic $B^0$ decays with an $\eta$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 672, 209-218	4.2	41
204	Charged-particle multiplicities in e+e- annihilations at $\sqrt{s}=50-61.4\text{GeV}$ . <i>Physical Review D</i> , <b>1990</b> , 42, 737-747	4.9	41
203	Observation of $B^+ \rightarrow \Lambda^0 \Lambda^0 K^+$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 211801	7.4	40
202	Search for Heavy Pointlike Dirac Monopoles. <i>Physical Review Letters</i> , <b>1998</b> , 81, 524-529	7.4	40
201	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> , <b>2012</b> , 59, 2214-2218	1.7	39

200	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> , <b>2007</b> , 571, 644-650	1.2	39
199	Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in Upsilon(4S) $\rightarrow$ B <sup>0</sup> B <sup>0</sup> decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131802	7.4	39
198	Study of B $\rightarrow$ h decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 542, 183-192	4.2	39
197	Observation of D <sup>+</sup> (s)K <sup>-</sup> and evidence for D <sup>+</sup> (s) $\pi^0$ final states in neutral B decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 231804	7.4	39
196	Transverse energy distributions within jets in collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 357, 500-508	4.2	39
195	Jet production via strongly interacting color-singlet exchange in pp-bar collisions. <i>Physical Review Letters</i> , <b>1996</b> , 76, 734-739	7.4	39
194	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp-bar Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>1996</b> , 77, 5011-5015	7.4	39
193	Measurements of the branching fraction and polarization in B <sup>+</sup> $\rightarrow$ $\rho^+$ K <sup>0</sup> decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 141801	7.4	38
192	Small Angle J/ $\psi$ Production in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>1999</b> , 82, 35-40	7.4	38
191	Search for W boson pair production in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>1995</b> , 75, 1023-1027	7.4	38
190	Direct search for charged higgs bosons in decays of top quarks. <i>Physical Review Letters</i> , <b>2002</b> , 88, 151803	7.4	37
189	Small-angle muon and bottom-quark production in p&macr; collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>2000</b> , 84, 5478-83	7.4	37
188	Measurements of the inclusive jet cross section in photon-photon interactions at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 325, 248-256	4.2	37
187	Measurement of B(Ds <sup>+</sup> $\rightarrow$ $\mu^+\nu(\mu)$ ). <i>Physical Review Letters</i> , <b>2008</b> , 100, 241801	7.4	36
186	Measurement of Dijet Angular Distributions and Search for Quark Compositeness. <i>Physical Review Letters</i> , <b>1998</b> , 80, 666-671	7.4	36
185	A measurement of the photon structure function F <sub>2</sub> . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 252, 491-498	4.2	36
184	Study of the ZZ and Z $\gamma$ Couplings in Z( $\mu\mu$ ) Production. <i>Physical Review Letters</i> , <b>1997</b> , 78, 3640-3645	7.4	35
183	Spin correlation in t&macr; production from p&macr; collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>2000</b> , 85, 256-61	7.4	35

182	Experimental Search for Chargino and Neutralino Production in Supersymmetry Models with a Light Gravitino. <i>Physical Review Letters</i> , <b>1998</b> , 80, 442-447	7.4	35
181	Determination of $ V_{cb} $ using the semileptonic decay $B \rightarrow D^* + e + \bar{\nu}_e$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 526, 247-257	4.2	33
180	Ratio of isolated photon cross sections in pp collisions at square root of $s = 630$ and $1800$ GeV. <i>Physical Review Letters</i> , <b>2001</b> , 87, 251805	7.4	33
179	Differential production cross section of Z bosons as a function of transverse momentum at sqrt. <i>Physical Review Letters</i> , <b>2000</b> , 84, 2792-7	7.4	33
178	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> , <b>2002</b> , 525, 211-218	4.2	32
177	Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , <b>2007</b> , 98, 132001	7.4	31
176	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> , <b>2003</b> , 500, 337-344	1.2	31
175	Measurement of the Top Quark Pair Production Cross Section in the All-Jets Decay Channel. <i>Physical Review Letters</i> , <b>1999</b> , 83, 1908-1913	7.4	31
174	Experimental systems overview of the Rare Isotope Science Project in Korea. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 317, 242-247	1.2	30
173	Search for Diphoton Events with Large Missing Transverse Energy in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>1997</b> , 78, 2070-2074	7.4	30
172	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> , <b>2005</b> , 621, 28-40	4.2	30
171	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. <i>Physical Review Letters</i> , <b>1996</b> , 77, 595-600	7.4	30
170	Measurements of the $e^+e^-$ total hadronic cross section and a determination of $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 218, 499-507	4.2	30
169	Search for second-generation leptoquark pairs in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , <b>2000</b> , 84, 2088-93	7.4	29
168	Z production in $pp$ collisions at $s=1.8$ TeV and limits on anomalous ZZ and Z couplings. <i>Physical Review D</i> , <b>1998</b> , 57, R3817-R3821	4.9	29
167	A Measurement of the W Boson Mass at the Fermilab $pp$ Collider. <i>Physical Review Letters</i> , <b>1998</b> , 80, 3008-3013	7.4	28
166	A high- $Q^2$ measurement of the photon structure function $F_2^{\gamma}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 346, 208-216	4.2	28
165	Measurements of R for $e^+e^-$ annihilation at the KEK collider TRISTAN. <i>Physical Review D</i> , <b>1990</b> , 42, 1339-1349	7.4	28

164	Observation of $B_{(s)}(0) \rightarrow \phi \gamma$ and search for $B_{(s)}(0) \rightarrow \gamma \gamma$ decays at Belle. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121801	7.4	27
163	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> , <b>1998</b> , 80, 5498-5503	7.4	27
162	Search for Nonstandard Higgs Bosons Using High Mass Photon Pairs in $pp \rightarrow \gamma\gamma$ Jets at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1999</b> , 82, 2244-2249	7.4	27
161	Search for isolated leptons in low-thrust $e^+e^-$ annihilation events at $\sqrt{s}=50$ and $52$ GeV. <i>Physical Review Letters</i> , <b>1988</b> , 60, 2359-2362	7.4	27
160	Limits on WWZ and WW $\gamma$ Couplings from $pp \rightarrow e\gamma X$ Events at $\sqrt{s}=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1997</b> , 79, 1441-1446	7.4	26
159	Studies of gauge boson pair production and trilinear couplings. <i>Physical Review D</i> , <b>1997</b> , 56, 6742-6778	4.9	26
158	Search for $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 613, 20-28	4.2	26
157	Measurement of the W boson mass using electrons at large rapidities. <i>Physical Review Letters</i> , <b>2000</b> , 84, 222-7	7.4	26
156	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> , <b>1995</b> , 75, 1028-1033	7.4	26
155	Measurements of cross sections and charge asymmetries for $W$ from 52 to 57 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 218, 112-118	4.2	26
154	Search for an H-dibaryon with a mass near $2m_N$ in $\Lambda(1520)$ and $\Lambda(1520)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222002	7.4	25
153	Search for a Fourth Generation Charge $2/3$ Quark via Flavor Changing Neutral Current Decay. <i>Physical Review Letters</i> , <b>1997</b> , 78, 3818-3823	7.4	25
152	Measurement of masses of the $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 665, 9-15	4.2	25
151	Observation of $B \rightarrow J/\psi K(1)(1270)$ . <i>Physical Review Letters</i> , <b>2001</b> , 87, 161601	7.4	25
150	Search for additional neutral gauge bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 385, 471-478	4.2	25
149	Study of decay mechanisms in $B \rightarrow \Lambda_c + p$ decays and observation of low-mass structure in the $\Lambda_c + p$ system. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242001	7.4	24
148	Observation of the decays $B^0 \rightarrow K^+ \pi^-$ and $B^0 \rightarrow \bar{K}^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 599, 148-158	4.2	24
147	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> , <b>2005</b> , 95, 231801	7.4	24

146	Quasi-model-independent search for new high p(T) physics at D0. <i>Physical Review Letters</i> , <b>2001</b> , 86, 3712-74	7.4	24
145	Probing Balitsky-Fadin-Kuraev-Lipatov dynamics in the dijet cross section at large rapidity intervals in pp collisions at $\sqrt{s}=1800$ and 630 GeV. <i>Physical Review Letters</i> , <b>2000</b> , 84, 5722-7	7.4	24
144	Search for Charge $\frac{1}{3}$ Third-Generation Leptoquarks in pp Collisions at $s=1.8\text{TeV}$ . <i>Physical Review Letters</i> , <b>1998</b> , 81, 38-43	7.4	24
143	Search for R-Parity Violating Supersymmetry in the Dielectron Channel. <i>Physical Review Letters</i> , <b>1999</b> , 83, 4476-4481	7.4	24
142	Comparison of quark and gluon jets produced in high-energy e+e- annihilations. <i>Physical Review Letters</i> , <b>1989</b> , 63, 1772-1775	7.4	24
141	Ancient Greek lead findings in Ukraine. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 603, 328-332	1.2	23
140	A search for the rare leptonic decays $B^+ \rightarrow \mu^+ \nu$ and $B^+ \rightarrow e^+ \nu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 647, 67-73	4.2	23
139	Measurement of the neutron flux in the CPL underground laboratory and simulation studies of neutron shielding for WIMP searches. <i>Astroparticle Physics</i> , <b>2004</b> , 20, 549-557	2.4	23
138	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> , <b>2001</b> , 513, 292-300	4.2	23
137	Observation of Cabibbo suppressed $B \rightarrow D^{(*)}K$ - decays at Belle. <i>Physical Review Letters</i> , <b>2001</b> , 87, 11180-74	7.4	23
136	Study of the strong coupling constant using W+jet processes. <i>Physical Review Letters</i> , <b>1995</b> , 75, 3226-3231	7.4	23
135	Quenching factor measurement for NaI(Tl) scintillation crystal. <i>Astroparticle Physics</i> , <b>2019</b> , 108, 50-56	2.4	22
134	Observation of $B^0 \rightarrow ppK^0$ with a large $K^0$ polarization. <i>Physical Review Letters</i> , <b>2008</b> , 100, 251801	7.4	22
133	Searches for the $\beta/\text{EC}$ decays of $^{64}\text{Zn}$ and $^{112}\text{Sn}$ , and the $\beta$ decay transitions of $^{124}\text{Sn}$ to the excited states of $^{124}\text{Te}$ . <i>Nuclear Physics A</i> , <b>2007</b> , 793, 171-177	1.3	22
132	Search for the $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 173-180	4.2	22
131	Search for the substructure of leptons in high energy QED processes at tristan. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 223, 476-484	4.2	22
130	Cryogenic measurement of alpha decay in a $^{210}\text{Po}$ absorber. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2010</b> , 37, 055103	2.9	21
129	Observation of Cabibbo-suppressed and W-exchange $\bar{c} +$ baryon decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 524, 33-43	4.2	21

128	Study of $B_0 \rightarrow D^{(*)} 0 \mu \mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 553, 159-166	4.2	21
127	Search for Trilepton Signatures from Associated Gaugino Pair Production. <i>Physical Review Letters</i> , <b>1998</b> , 80, 1591-1596	7.4	21
126	Limit on the branching ratio of $KL \rightarrow \pi^0 \nu \nu$ . <i>Physical Review Letters</i> , <b>1994</b> , 72, 3758-3761	7.4	21
125	Observation of the $D_1(2420) \rightarrow D\pi + \pi^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221805	7.4	20
124	Evidence for CP violation in $B_0 \rightarrow D^+ D^-$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 221802	7.4	19
123	Search for the lepton-family number violating decays $KL \rightarrow 0 e e$ ?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 432, 230-234	4.2	18
122	Study of charmonia in four-meson final states produced in two-photon collisions. <i>European Physical Journal C</i> , <b>2008</b> , 53, 1-14	4.2	18
121	Hard single diffraction in p p collisions at $s=630$ and $1800$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 531, 52-60	4.2	18
120	Measurement of $\eta$ production in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 540, 33-42	4.2	18
119	Inhibition of Cs137 contamination in cesium iodide. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 552, 456-462 <sup>1.2</sup>		18
118	Studies of topological distributions of inclusive three- and four-jet events in p-bar p collisions at $s=1800$ GeV with the D0 detector. <i>Physical Review D</i> , <b>1996</b> , 53, 6000-6016	4.9	18
117	Muon detector for the COSINE-100 experiment. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, T02007-T02007	1	17
116	Color coherent radiation in multijet events from collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 419-427	4.2	17
115	Electromagnetic calorimeter trigger at Belle. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 494, 548-554	1.2	17
114	Branching fraction, polarization and CP-violating asymmetries in. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 618, 34-42	4.2	17
113	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> , <b>2005</b> , 552, 409-419 <sup>1.2</sup>		17
112	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> , <b>1999</b> , 82, 29-34	7.4	17
111	Limit on the branching ratio of $KL \rightarrow \pi^0 e^+ e^-$ . <i>Physical Review Letters</i> , <b>1993</b> , 71, 3918-3921	7.4	17

110	Measurement of the branching ratio of $\pi^0 \rightarrow e^+e^-$ from $\pi^0$ s produced by $K_L \rightarrow \pi^0 \pi^0 \pi^0$ decays in flight. <i>Physical Review Letters</i> , <b>1993</b> , 71, 31-34	7.4	17
109	A search for SUSY particles in $e^+e^-$ annihilations at $\sqrt{s} = 50 \text{--} 80.8 \text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 534-540	4.2	17
108	Search for neutrinoless decays $\bar{\nu} \rightarrow \bar{h}$ and $\bar{\nu} \rightarrow \bar{W}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 640, 138-144	4.2	16
107	Search for the scalar top quark in pp collisions at square root $\sqrt{s} = 1.8 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2002</b> , 88, 171802	7.4	16
106	Measurement of $e^+e^- \rightarrow b\bar{b}$ forward-backward charge asymmetry between $\sqrt{s} = 52$ and $57 \text{ GeV}$ . <i>Physical Review Letters</i> , <b>1989</b> , 63, 2341-2345	7.4	16
105	A measurement of the photon structure function $F_2^{\gamma}$ at $Q^2 = 6.8 \text{ GeV}^2$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 400, 395-400	4.2	15
104	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> , <b>2001</b> , 457, 471-475 <sup>1.2</sup>		15
103	Measurement of the Branching Ratio and Form Factor of $K_L \rightarrow \text{micro}^+ \text{micro}^- \gamma$ . <i>Physical Review Letters</i> , <b>1995</b> , 74, 3323-3326	7.4	15
102	Search for a fourth-generation charge $-(1/3)$ quark. <i>Physical Review Letters</i> , <b>1989</b> , 63, 1910-1913	7.4	15
101	Development of Low Background CsI(Tl) Crystals and Search for WIMP. <i>IEEE Transactions on Nuclear Science</i> , <b>2008</b> , 55, 1420-1424	1.7	14
100	Forward-backward charge asymmetry in $e^+e^- \rightarrow \text{hadron jets}$ . <i>Physical Review Letters</i> , <b>1990</b> , 64, 983-986	7.4	14
99	The COSINE-100 data acquisition system. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P09006-P09006	1	14
98	Search for lepton flavor and lepton number violating $\bar{\nu}$ decays into a lepton and two charged mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 682, 355-362 <sup>4.2</sup>	4.2	13
97	Advanced thin ionization calorimeter to measure ultrahigh energy cosmic rays. <i>Advances in Space Research</i> , <b>1997</b> , 19, 711-718	2.4	13
96	Search for the decay $b \rightarrow X s \bar{\nu}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 423, 419-426	4.2	13
95	Search for lepton and baryon number violating $\bar{\nu}$ decays into $\bar{\nu} \bar{h}$ and $\bar{\nu} \bar{W}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 51-57	4.2	13
94	Search for CP violation in the decay $B^0 \rightarrow D^{*+} \bar{D}^- / +$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 201802	7.4	13
93	Ratio of jet cross sections at square root of $s = 630 \text{ GeV}$ and $1800 \text{ GeV}$ . <i>Physical Review Letters</i> , <b>2001</b> , 86, 2523-8	7.4	13

92	Ratios of multijet Cross Sections in p p collisions at radical(s) = 1.8 TeV. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1955-60	7.4	13
91	Search for top squark pair production in the dielectron channel. <i>Physical Review D</i> , <b>1998</b> , 57, 589-593	4.9	13
90	. <i>IEEE Transactions on Nuclear Science</i> , <b>2008</b> , 55, 1473-1475	1.7	12
89	Measurement of branching fractions, isospin, and CP-violating asymmetries for exclusive $b \rightarrow d\gamma$ modes. <i>Physical Review Letters</i> , <b>2008</b> , 101, 111801	7.4	12
88	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</i> , <b>2002</b> , 542, 207-215	4.2	12
87	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</i> , <b>2002</b> , 547, 181-192	4.2	12
86	Measurement of the $W \rightarrow \tau\nu$ production cross section in pp collisions at square root $s=1.8$ TeV. <i>Physical Review Letters</i> , <b>2000</b> , 84, 5710-5	7.4	12
85	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> , <b>1995</b> , 363, 249-258	4.2	12
84	New limits on the masses of the selectron and photino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 369, 86-92	4.2	12
83	Search for unstable heavy neutral leptons in $e^+e^-$ annihilations at $\sqrt{s}$ from 50 to 60.8 GeV. <i>Physical Review Letters</i> , <b>1989</b> , 63, 1342-1345	7.4	12
82	A search for $0\nu\beta\beta$ decay of $^{124}\text{Sn}$ with tin-loaded liquid scintillator. <i>Astroparticle Physics</i> , <b>2009</b> , 31, 412-416	2.4	11
81	COSINE-100 and DAMA/LIBRA-phase2 in WIMP effective models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 048-048	6.4	10
80	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> , <b>2007</b> , 570, 454-458	1.2	10
79	Observation of the decay $B(0) \rightarrow J/\psi\eta$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 131803	7.4	10
78	. <i>IEEE Transactions on Nuclear Science</i> , <b>1995</b> , 42, 401-406	1.7	10
77	Measurement of the branching ratio and a study of CP for the leptonic decay $KL \rightarrow e^+e^-e^-$ . <i>Physical Review Letters</i> , <b>1994</b> , 72, 3000-3003	7.4	10
76	Strong constraints from COSINE-100 on the DAMA dark matter results using the same sodium iodide target. <i>Science Advances</i> , <b>2021</b> , 7, eabk2699	14.3	10
75	Growth and scintillation characterizations of $\text{SrMoO}_4$ single crystals. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 63, 2018-2023	0.6	9

74	Pulse-shape discrimination between electron and nuclear recoils in a NaI(Tl) crystal. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	9
73	Evidence for $B_0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131802	7.4	9
72	Search for new physics using QUAERO: a general interface to D0 event data. <i>Physical Review Letters</i> , <b>2001</b> , 87, 231801	7.4	9
71	Observation of $B^{+/-} \rightarrow \omega K^{+/-}$ decay. <i>Physical Review Letters</i> , <b>2002</b> , 89, 191801	7.4	9
70	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> , <b>2000</b> , 267, 384-388	2.3	9
69	A measurement of Bose-Einstein correlations in $e^+e^-$ annihilation at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 355, 406-414	4.2	9
68	New measurement of the CP violation parameter $\eta_{+-}$ . <i>Physical Review Letters</i> , <b>1995</b> , 75, 2803-2806	7.4	9
67	First evidence for the decay $K_L \rightarrow e^+e^- \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>1996</b> , 76, 4312-4315	7.4	9
66	Observation of anomalous production of muon pairs in $e^+e^-$ annihilation into four-lepton final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 244, 573-579	4.2	9
65	A search for leptoquark and colored lepton pair production in $e^+e^-$ annihilations at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 240, 243-249	4.2	9
64	Experimental study on neutrinoless double beta decay of $^{92}\text{Mo}$ . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 654, 157-161	1.2	8
63	Measurement of the ratio $B(D_0 \rightarrow \pi^0 \pi^0)/B(D_0 \rightarrow K_S^0 \pi^0)$ and the time-integrated CP asymmetry in $D_0 \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 102-110	4.2	8
62	Observation of the radiative decay $D_0 \rightarrow \rho^0 \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 101803	7.4	8
61	Studies of the decay $B^{+/-} \rightarrow D(\text{CP})K^{+/-}$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 131803	7.4	8
60	Search for heavy W bosons in 1.8 TeV collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 358, 405-411	4.2	8
59	Measurement of the branching ratio of $K_L \rightarrow e^+e^- \gamma \gamma$ . <i>Physical Review Letters</i> , <b>1994</b> , 73, 2169-2172	7.4	8
58	Performance of a diamond-tungsten sampling calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1994</b> , 349, 96-105	1.2	8
57	Measurements of cross section and charge asymmetry for $e^+e^- \rightarrow \pi^+ \pi^-$ and $e^+e^- \rightarrow \rho^+ \rho^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 331, 227-235	4.2	8

56	Experimental mass limit for the fourth-generation sequential lepton from e+e- annihilations at sqrt s-bar=56 GeV. <i>Physical Review Letters</i> , <b>1988</b> , 61, 911-914	7.4	8
55	Radon Environment in the Korea Invisible Mass Search Experiment and Its Measurement. <i>Journal of the Korean Physical Society</i> , <b>2011</b> , 58, 713-718	0.6	8
54	Comparison between DAMA/LIBRA and COSINE-100 in the light of quenching factors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 008-008	6.4	7
53	Observation of the doubly cabibbo-suppressed decay $D_{s;+} \rightarrow K_{s;+} K_{s;+} \pi_{s;-}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 221802	7.4	7
52	Search for resonant $B^{\prime-} \rightarrow K^{\prime-} h \rightarrow K^{\prime-} \eta$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 323-329	4.2	7
51	Search for the production of single sleptons through R-parity violation in pp collisions at square root (s) =1.8 TeV. <i>Physical Review Letters</i> , <b>2002</b> , 89, 261801	7.4	7
50	Evidence of color coherence effects in W+jets events from collisions at TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 464, 145-155	4.2	7
49	Beam test of the CsI(Tl) calorimeter for the BELLE detector at the KEK-B factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 380, 517-523	1.2	7
48	A limit on the lepton-family number violating process $\eta \rightarrow \eta e e$ ?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 320, 407-410	4.2	7
47	Measurement of $\eta$ s from the moment of particle momenta within jets from e+e- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 469-474	4.2	7
46	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> , <b>2015</b> , 782, 133-142	1.2	6
45	Evidence for neutral B meson decays to $\omega K^*0$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 231801	7.4	6
44	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231802	7.4	6
43	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> , <b>2001</b> , 517, 299-308	4.2	6
42	Limit on the branching ratio of $K_L \rightarrow \pi^0 \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>1993</b> , 71, 3914-3917	7.4	6
41	Measurements of cross section and asymmetry for e+e- $\rightarrow$ bb-bar and heavy quark fragmentation at KEK TRISTAN. <i>Physical Review D</i> , <b>1994</b> , 49, 4339-4347	4.9	6
40	First large sample study of visible light photon counters (VLPCs). <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1995</b> , 44, 340-348		6
39	Neutron calibration facility with an Am-Be source for pulse shape discrimination measurement of CsI(Tl) crystals. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P11015-P11015	1	5

38	Low energy fast events from radon progenies at the surface of a CsI(Tl) scintillator. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 781-784	2.4	5
37	Signal processing in cryogenic particle detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 635, 82-85	1.2	5
36	Search for R-parity violating supersymmetry in two-muon and four-jet topologies. <i>Physical Review Letters</i> , <b>2002</b> , 89, 171801	7.4	5
35	Study of cosmogenic radionuclides in the COSINE-100 NaI(Tl) detectors. <i>Astroparticle Physics</i> , <b>2020</b> , 115, 102390	2.4	5
34	Ultra-low gamma-ray measurement system for neutrinoless double beta decay. <i>Applied Radiation and Isotopes</i> , <b>2013</b> , 81, 290-3	1.7	4
33	Simulation and Measurement of Quenching and Channeling Effects in CsI(Tl) for Dark Matter Search. <i>IEEE Transactions on Nuclear Science</i> , <b>2012</b> , 59, 2346-2353	1.7	4
32	Performance of a large scale scintillating fiber tracker using VLPC readout. <i>IEEE Transactions on Nuclear Science</i> , <b>1996</b> , 43, 1146-1152	1.7	4
31	Search for the decay $K_L^0 \rightarrow \pi^0 \pi^0 \gamma$ . <i>Physical Review D</i> , <b>1994</b> , 50, 1874-1878	4.9	4
30	Measurement of the cosmic muon annual and diurnal flux variation with the COSINE-100 detector. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 013-013	6.4	4
29	Lowering the energy threshold in COSINE-100 dark matter searches. <i>Astroparticle Physics</i> , <b>2021</b> , 130, 102581	2.4	4
28	The COSINE-100 liquid scintillator veto system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2021</b> , 1006, 165431-1.2	1.2	4
27	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> , <b>2001</b> , 457, 634-639	1.2	3
26	A test of CsI(Tl) crystal for the dark matter search. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1999</b> , 78, 449-453		3
25	Forward-backward charge asymmetry of quark pairs produced at the KEK TRISTAN e+e- collider. <i>Physical Review D</i> , <b>1994</b> , 49, 3098-3105	4.9	3
24	Search for non-minimal Higgs production in e+e- annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 228, 548-552	4.2	3
23	A search for solar axion induced signals with COSINE-100. <i>Astroparticle Physics</i> , <b>2020</b> , 114, 101-106	2.4	3
22	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> , <b>2014</b> , 733, 220-225	1.2	2
21	Measurement limits to $^{134}\text{Cs}$ concentration in soil. <i>Applied Radiation and Isotopes</i> , <b>2011</b> , 69, 1294-8	1.7	2

20	Observation of exclusive $\bar{b}$ production in two photon interactions at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 424, 405-410	4.2	2
19	Current activities at the Seoul National University AMS facility. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2007</b> , 259, 57-61	1.2	2
18	Development of CsI crystals for WIMP search. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2003</b> , 124, 217-220		2
17	Observation of the color coherence effect in sub-jet multiplicity of three-jet and four-jet events in $e^+e^-$ annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 374, 304-312	4.2	2
16	Measurement of the forward-backward asymmetry in $e^+e^- \rightarrow b\bar{b}$ and the b-quark branching ratio to muons at TRISTAN using neural networks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 381, 365-371	4.2	2
15	Measurement of $D^{*-}$ production in two-photon processes at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 481-486	4.2	2
14	Search for anomalous $\bar{b}$ production at TRISTAN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 303, 385-390	4.2	2
13	First results from ATIC beam-test at CERN. <i>Advances in Space Research</i> , <b>2001</b> , 27, 819-824	2.4	1
12	A determination of $\bar{b}$ s in $e^+e^-$ annihilation at $s=57.3$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 355, 394-400	4.2	1
11	SEARCH FOR CHARGED HEAVY LEPTONS WITH ARBITRARY NEUTRINO MASSES IN $e^+e^-$ ANNIHILATIONS AT $\sqrt{s} = 50 - 60.8$ GeV. <i>International Journal of Modern Physics A</i> , <b>1991</b> , 06, 2583-2609	1.2	1
10	Mass limits of charged Higgs boson at large tan beta from $e^+e^-$ annihilations at $\sqrt{s} = 50-60.8$ GeV. <i>Physical Review D</i> , <b>1990</b> , 42, 949-951	4.9	1
9	The environmental monitoring system at the COSINE-100 experiment. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, T01001	1	1
8	Observation of $\bar{b}$ Production in High Q <sup>2</sup> Two Photon Interactions at TRISTAN. <i>Journal of the Physical Society of Japan</i> , <b>2001</b> , 70, 2311-2315	1.5	1
7	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> , <b>2020</b> , 953, 163141	1.2	1
6	Measurement of $\bar{b}$ s using NLLA+O( $\bar{b}S^2$ ) in $e^+e^-$ annihilation at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 420, 233-240	4.2	
5	An experimental study of the process $e^+e^- \rightarrow e^+e^- \bar{b}b$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 440, 179-188	4.2	
4	Search for the CP-violating decays $Upsilon(4S) \rightarrow B^0 B^0 \rightarrow J/\psi K_S^0 + J/\psi(\text{etac}) K_S^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 211601	7.4	
3	Study of two particle azimuthal correlations in $e^+e^-$ annihilation at $\sqrt{s} = 58$ GeV. <i>Physical Review D</i> , <b>1995</b> , 52, 4872-4876	4.9	

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1 Performance of the time-of-flight detector for a measurement of free fall of antihydrogen at the GBAR experiment. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2020**, 973, 164162

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