

Kin Yip

List of Publications by Citations

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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.

364
papers

15,090
citations

55
h-index

99
g-index

378
ext. papers

16,195
ext. citations

5.6
avg, IF

3.76
L-index

#	Paper	IF	Citations
364	Observation of electron-antineutrino disappearance at Daya Bay. <i>Physical Review Letters</i> , 2012 , 108, 171803	7.4	1428
363	The upgraded DØ detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 565, 463-537	1.2	465
362	Observation and properties of the X(3872) decaying to J/ψπ ⁺ π ⁻ in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2004 , 93, 162002	7.4	408
361	Azimuthal charged-particle correlations and possible local strong parity violation. <i>Physical Review Letters</i> , 2009 , 103, 251601	7.4	352
360	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 378, 57-100	1.2	248
359	Higher moments of net proton multiplicity distributions at RHIC. <i>Physical Review Letters</i> , 2010 , 105, 022302	3.02	237
358	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. <i>Physical Review C</i> , 2010 , 81,	2.7	223
357	Observation of an antimatter hypernucleus. <i>Science</i> , 2010 , 328, 58-62	33.3	191
356	Long range rapidity correlations and jet production in high energy nuclear collisions. <i>Physical Review C</i> , 2009 , 80,	2.7	191
355	Measurement of the forward-backward charge asymmetry in top-quark pair production. <i>Physical Review Letters</i> , 2008 , 100, 142002	7.4	183
354	Evidence for a particle produced in association with weak bosons and decaying to a bottom-antibottom quark pair in higgs boson searches at the tevatron. <i>Physical Review Letters</i> , 2012 , 109, 071804	7.4	175
353	Observation of single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092001	7.4	172
352	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , 2011 , 84,	4.9	170
351	Direct limits on the oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 021802	7.4	165
350	Measurement of Bs0 mixing parameters from the flavor-tagged decay Bs0→J/ψφ. <i>Physical Review Letters</i> , 2008 , 101, 241801	7.4	156
349	Measurement of the inclusive jet cross section in pp collisions at square root [s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 062001	7.4	148
348	Observation of the antimatter helium-4 nucleus. <i>Nature</i> , 2011 , 473, 353-6	50.4	120

347	Double parton interactions in ≥ 3 jet events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	119
346	Combination of Tevatron searches for the standard model Higgs boson in the $W+W^-$ decay mode. <i>Physical Review Letters</i> , 2010 , 104, 061802	7.4	104
345	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
344	The bb production cross section and angular correlations in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 264-272	4.2	103
343	Inclusive charged hadron elliptic flow in Au + Au collisions at $\sqrt{s_{NN}}=7.7$ GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	98
342	Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb $^{-1}$ of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 660, 449-457	4.2	95
341	Search for charged Higgs bosons in top quark decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 682, 278-286	4.2	92
340	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review Letters</i> , 2010 , 105, 081801	4.9	89
339	Measurement of the anomalous like-sign dimuon charge asymmetry with 9 fb $^{-1}$ of pp collisions. <i>Physical Review D</i> , 2011 , 84,	4.9	88
338	b-Jet identification in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 620, 490-517	1.2	87
337	Evidence for production of single top quarks and first direct measurement of $ V_{tb} $. <i>Physical Review Letters</i> , 2007 , 98, 181802	7.4	86
336	Direct observation of the strange b baryon Λ_b^- . <i>Physical Review Letters</i> , 2007 , 99, 052001	7.4	86
335	Measurement of the shape of the boson-transverse momentum distribution in $pp \rightarrow Z/\gamma^* \rightarrow e^+e^- + X$ events produced at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 102002	7.4	83
334	Measurements of D0 and D* production in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	79
333	J/ψ production at high transverse momenta in p+p and Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	76
332	Three-particle coincidence of the long range pseudorapidity correlation in high energy nucleus-nucleus collisions. <i>Physical Review Letters</i> , 2010 , 105, 022301	7.4	75
331	Strangeness enhancement in Cu-Cu and Au-Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2012 , 108, 072301	7.4	72
330	Observation of the Bc meson in the exclusive decay $B_c \rightarrow J/\psi \pi$. <i>Physical Review Letters</i> , 2008 , 101, 012001	7.4	72

329	Measurement of the CP-violating phase $\arg(\lambda_{cb})$ using the flavor-tagged decay $B_s^0 \rightarrow J/\psi$ in 8 fb ⁻¹ of pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	70
328	Evidence for production of single top quarks. <i>Physical Review D</i> , 2008 , 78,	4.9	69
327	Measurement of dijet angular distributions at square root(s) = 1.96 TeV and searches for quark compositeness and extra spatial dimensions. <i>Physical Review Letters</i> , 2009 , 103, 191803	7.4	68
326	Measurement of the W boson mass with the D0 detector. <i>Physical Review Letters</i> , 2012 , 108, 151804	7.4	67
325	Strange and multistrange particle production in Au + Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. <i>Physical Review C</i> , 2011 , 83,	2.7	64
324	Observation of the doubly strange b baryon Ω_{cb}^- . <i>Physical Review Letters</i> , 2008 , 101, 232002	7.4	64
323	Measurement of the isolated photon cross section in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 151-158	4.2	64
322	Search for doubly charged higgs boson pair production in the decay to $\mu^{(+)}\mu^{(+)}\mu^{(-)}\mu^{(-)}$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 141801	7.4	63
321	Identified hadron compositions in p+p and Au+Au collisions at high transverse momenta at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2012 , 108, 072302	7.4	62
320	Search for large extra dimensions in dielectron and diphoton production. <i>Physical Review Letters</i> , 2001 , 86, 1156-61	7.4	61
319	Search for the rare decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 539-544	4.2	60
318	Inclusive jet production in pp(macro) collisions. <i>Physical Review Letters</i> , 2001 , 86, 1707-12	7.4	60
317	Isolated photon cross section in p&pmacr; collisions at radicals = 1. 8 TeV. <i>Physical Review Letters</i> , 2000 , 84, 2786-91	7.4	60
316	Search for associated production of charginos and neutralinos in the trilepton final state using 2.3 fb ⁻¹ of data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 34-43	4.2	58
315	Transverse single-spin asymmetry and cross section for \bar{D} and \bar{K} mesons at large Feynman x in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	58
314	Measurement of the shape of the boson rapidity distribution for $pp \rightarrow Z/\bar{\nu} \rightarrow e+e+X$ events produced at s of 1.96 TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	58
313	Measurement of the bottom quark contribution to nonphotonic electron production in p + p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2010 , 105, 202301	7.4	57
312	Observation and properties of the orbitally excited $B_{(s2)}^*$ meson. <i>Physical Review Letters</i> , 2008 , 100, 082002	7.4	57

311	Azimuthal di-hadron correlations in d+ Au and Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV measured at the STAR detector. <i>Physical Review C</i> , 2010 , 82,	2.7	56
310	Search for the flavor-changing neutral current decay $B_0 \rightarrow \mu^+ \mu^-$ in pp Collisions at $\sqrt{s} = 1.96$ TeV with the D0 detector. <i>Physical Review Letters</i> , 2005 , 94, 071802	7.4	55
309	Bounds on an anomalous dijet resonance in W+jets production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 011804	7.4	54
308	Improved determination of the width of the top quark. <i>Physical Review D</i> , 2012 , 85,	4.9	53
307	Determination of the pole and β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 422-427	4.2	52
306	Search for next-to-minimal supersymmetric Higgs bosons in the $h \rightarrow a a \rightarrow \mu\mu\mu\mu$, $h \rightarrow a a \rightarrow \tau\tau\tau\tau$ channels using pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 061801	7.4	52
305	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 88-94	4.2	52
304	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	51
303	Combination of $t\bar{t}$ cross section measurements and constraints on the mass of the top quark and its decays into charged Higgs bosons. <i>Physical Review D</i> , 2009 , 80,	4.9	51
302	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
301	Lifetime difference and CP-violating phase in the B_{s0} system. <i>Physical Review Letters</i> , 2007 , 98, 121801	7.4	50
300	Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	49
299	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 1-8	4.2	49
298	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. <i>Physical Review C</i> , 2010 , 82,	2.7	48
297	K/pi Fluctuations at relativistic energies. <i>Physical Review Letters</i> , 2009 , 103, 092301	7.4	48
296	Evidence for spin correlation in $t\bar{t}$ production. <i>Physical Review Letters</i> , 2012 , 108, 032004	7.4	48
295	Measurement of the electron charge asymmetry in pp $\rightarrow W+X \rightarrow e\nu+X$ events at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 211801	7.4	48
294	Measurement of the polarization of the $\psi(1S)$ and $\psi(2S)$ states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 182004	7.4	48

293	Search for new particles in the two-jet decay channel with the DØ detector. <i>Physical Review D</i> , 2004 , 69,	4.9	48
292	Measurement of the $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 403-410	4.2	47
291	K^*0 production in Cu + Cu and Au + Au collisions at $\sqrt{s_{\text{NN}}}$ =62.4 GeV and 200 GeV. <i>Physical Review C</i> , 2011 , 84,	2.7	47
290	Measurement of the inclusive jet cross section in pp collisions at \sqrt{s} =1.96 TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	47
289	Measurement of the muon charge asymmetry from W boson decays. <i>Physical Review D</i> , 2008 , 77,	4.9	47
288	Properties of L=1 B(1) and B(2)* mesons. <i>Physical Review Letters</i> , 2007 , 99, 172001	7.4	47
287	Search for long-lived charged massive particles with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 161802	7.4	46
286	Helicity of the W boson in lepton+jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 617, 1-10	4.2	46
285	Measurement of the top quark pair production cross section in the lepton+jets channel in proton-antiproton collisions at \sqrt{s} =1.96 TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	45
284	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb ⁻¹ of \sqrt{s} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 81-87	4.2	45
283	Measurement of the parity-violating longitudinal single-spin asymmetry for W boson production in polarized proton-proton collisions at $\sqrt{s} = 500$ GeV. <i>Physical Review Letters</i> , 2011 , 106, 062002	7.4	44
282	Search for W boson resonances decaying to a top quark and a bottom quark. <i>Physical Review Letters</i> , 2008 , 100, 211803	7.4	44
281	Measurement of inclusive differential cross sections for pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 232001	7.4	44
280	Determination of the strong coupling constant from the inclusive jet cross section in pp collisions at \sqrt{s} =1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	43
279	Precise study of the Z boson transverse momentum distribution in pp collisions using a novel technique. <i>Physical Review Letters</i> , 2011 , 106, 122001	7.4	43
278	Search for pair production of doubly charged Higgs bosons in the H ⁺⁺ H ^{- -} → μ ⁺ μ ⁺ μ ⁻ μ ⁻ final state. <i>Physical Review Letters</i> , 2008 , 101, 071803	7.4	43
277	Search for large extra dimensions via single photon plus missing energy final states at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 011601	7.4	43
276	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. <i>Physical Review D</i> , 2006 , 74,	4.9	43

275	Search for production of single top quarks via t _{cg} and t _{ug} flavor-changing-neutral-current couplings. <i>Physical Review Letters</i> , 2007 , 99, 191802	7.4	43
274	Experimental discrimination between charge 2e/3 top quark and charge 4e/3 exotic quark production scenarios. <i>Physical Review Letters</i> , 2007 , 98, 041801	7.4	43
273	Measurement of the lifetime of the B _c ^{+/-} meson in the semileptonic decay channel. <i>Physical Review Letters</i> , 2009 , 102, 092001	7.4	42
272	Search for W [±] →tb resonances with left- and right-handed couplings to fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 145-150	4.2	42
271	Measurement of the tt [±] production cross section in pp [±] collisions at s=1.96 TeV using secondary vertex b tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	42
270	Measurement of the differential cross section d ² /dt in elastic pp [±] scattering at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	41
269	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at s _{NN} =62 and 200 GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	41
268	Combination of CDF and D0 results on the W boson mass and width. <i>Physical Review D</i> , 2004 , 70,	4.9	41
267	Model-independent measurement of t-channel single top quark production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 313-319	4.2	40
266	Search for resonant pair production of neutral long-lived particles decaying to bb in pp collisions at square root(S)=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 103, 071801	7.4	40
265	Measurement of the CP-violation parameter of B ₀ mixing and decay with pp [±] → [±] data. <i>Physical Review D</i> , 2006 , 74,	4.9	40
264	Search for scalar bottom quarks and third-generation leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 95-101	4.2	39
263	Search for WLbosons decaying to an electron and a neutrino with the D0 detector. <i>Physical Review Letters</i> , 2008 , 100, 031804	7.4	39
262	High p _T nonphotonic electron production in p+p collisions at s=200 GeV. <i>Physical Review D</i> , 2011 , 83,	4.9	38
261	Measurement of the semileptonic charge asymmetry in B ₀ meson mixing with the D0 detector. <i>Physical Review D</i> , 2012 , 86,	4.9	38
260	Measurement of the normalized . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 522-530	4.2	38
259	Measurement of differential . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 278-286	4.2	38
258	Measurement of gamma+b+X and gamma+c+X Production Cross Sections in pp [±] Collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 192002	7.4	37

257	Observation of a narrow mass state decaying into $(1S)+\pi$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	37
256	Search for tt resonances in the lepton plus jets final state in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 668, 98-104	4.2	37
255	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
254	Energy and system-size dependence of two- and four-particle v_2 measurements in heavy-ion collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV and their implications on flow fluctuations and nonflow. <i>Physical Review C</i> , 2012 , 86,	2.7	36
253	Measurement of the t-channel single top quark production cross section. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 363-369	4.2	36
252	Measurement of the W boson mass. <i>Physical Review Letters</i> , 2009 , 103, 141801	7.4	35
251	Search for stopped gluinos from pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 131801	7.4	35
250	Search for squarks and gluinos in events with jets and missing transverse energy in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 119-127	4.2	35
249	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
248	Measurement of angular correlations of jets at $\sqrt{s} = 1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 56-63	4.2	34
247	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. <i>Physical Review D</i> , 2012 , 85,	4.9	34
246	Balance functions from Au+Au, d+Au, and p+p collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2010 , 82,	2.7	33
245	Measurement of the W boson helicity in top quark decays using 5.4 fb ⁻¹ of pp collision data. <i>Physical Review D</i> , 2011 , 83,	4.9	33
244	Pion femtoscopy in p + p collisions at $s=200$ GeV. <i>Physical Review C</i> , 2011 , 83,	2.7	33
243	Precision measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and extraction of V_{tb} . <i>Physical Review Letters</i> , 2011 , 107, 121802	7.4	33
242	Measurement of direct photon pair production cross sections in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 108-117	4.2	33
241	Model-independent measurement of the W-boson helicity in top-quark decays at D0. <i>Physical Review Letters</i> , 2008 , 100, 062004	7.4	33
240	Differential production cross section of Z bosons as a function of transverse momentum at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 2792-7	7.4	33

239	Measurement of spin correlation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 16-23	4.2	32
238	Search for Randall-Sundrum gravitons in the dielectron and diphoton final states with 5.4 fb(-1) of data from pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 241802	7.4	32
237	Precise measurement of the top-quark mass from lepton+jets events at D0. <i>Physical Review D</i> , 2011 , 84,	4.9	32
236	Measurement of the WW production cross section with dilepton final states in pp collisions at square root(s) = 1.96 TeV and limits on anomalous trilinear gauge couplings. <i>Physical Review Letters</i> , 2009 , 103, 191801	7.4	32
235	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 32-39	4.2	31
234	Search for Higgs boson production in dilepton and missing energy final states with 5.4 fb(-1) of pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 061804	7.4	31
233	Combined Tevatron upper limit on gg->H->W+W and constraints on the Higgs boson mass in fourth-generation fermion models. <i>Physical Review D</i> , 2010 , 82,	4.9	31
232	Measurement of spin correlation in tt production using a matrix element approach. <i>Physical Review Letters</i> , 2011 , 107, 032001	7.4	31
231	Dependence of the tt production cross section on the transverse momentum of the top quark. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 515-521	4.2	31
230	Search for Higgs bosons decaying to tau pairs in pp over collisions with the D0 detector. <i>Physical Review Letters</i> , 2008 , 101, 071804	7.4	31
229	Measurement of the tt[over] production cross section in pp[over] collisions at sqrt(s)=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 192004	7.4	31
228	Search for single top quark production in pp collisions at s=1.96TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 622, 265-276	4.2	31
227	Measurement of the differential c-jet cross section and the ratio of differential c and b cross sections in pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 354-361	4.2	30
226	Measurement of leptonic asymmetries and top-quark polarization in tt production. <i>Physical Review D</i> , 2013 , 87,	4.9	30
225	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at s=200 GeV. <i>Physical Review D</i> , 2009 , 80,	4.9	30
224	Determination of the width of the top quark. <i>Physical Review Letters</i> , 2011 , 106, 022001	7.4	30
223	First study of the radiation-amplitude zero in Wgamma production and limits on anomalous WWgamma couplings at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 241805	7.4	30
222	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 35-44	4.2	30

221	Search for Randall-Sundrum gravitons in dilepton and diphoton final states. <i>Physical Review Letters</i> , 2005 , 95, 091801	7.4	30
220	Measurement of the relative branching ratio of $B_s^0 \rightarrow J/\psi(980)$ to $B_s^0 \rightarrow J/\psi$. <i>Physical Review D</i> , 2012 , 85,	4.9	29
219	Search for resonant diphoton production with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 231801	7.4	29
218	Search for neutral Higgs bosons in the multi-b-jet topology in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 97-104	4.2	29
217	Search for flavor changing neutral currents in decays of top quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 313-320	4.2	29
216	Combined search for the standard model Higgs boson decaying to $b\bar{b}$ using the D0 run II data set. <i>Physical Review Letters</i> , 2012 , 109, 121802	7.4	29
215	Simultaneous measurement of the ratio $R = B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and the top-quark pair production cross section with the D0 detector at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 192003	7.4	29
214	Search for supersymmetry in di-photon final states at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 856-863	4.2	29
213	Inclusive D, \bar{D} and direct photon production at high transverse momentum in p+p and d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	28
212	Measurements of single top quark production cross sections and $ V_{tb} $ in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	28
211	Search for large extra spatial dimensions in the dielectron and diphoton channels in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 051601	7.4	28
210	Search for charged higgs bosons decaying into top and bottom quarks in pp collisions. <i>Physical Review Letters</i> , 2009 , 102, 191802	7.4	28
209	Measurements of differential cross sections of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 678, 45-54	4.2	28
208	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 177-185	4.2	28
207	Search for a narrow $t\bar{t}$ resonance in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	28
206	Measurement of the ratios of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 658, 112-119	4.2	28
205	Search for pair production of scalar bottom quarks in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 171806	7.4	28
204	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 45-54	4.2	28

203	Limits on anomalous trilinear gauge boson couplings from WW, WZ and W γ production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 451-459	4.2	27
202	Measurement of the WZ and ZZ production cross sections using leptonic final states in 8.6 fb $^{-1}$ of pp \bar{p} collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	27
201	Measurement of Z/ γ +jet+X angular distributions in pp \bar{p} collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 370-380	4.2	27
200	Measurement of the forward-backward charge asymmetry and extraction of sin ² θ_{W} in pp \bar{p} \rightarrow Z/ γ +X \rightarrow e ⁺ e ⁻ +X events produced at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 191801	7.4	27
199	Search for ZZ and Z γ * production in pp \bar{p} collisions at square root s=1.96 TeV and limits on anomalous ZZZ and ZZ γ * couplings. <i>Physical Review Letters</i> , 2008 , 100, 131801	7.4	27
198	Combined D0 measurements constraining the CP-violating phase and width difference in the Bs0 system. <i>Physical Review D</i> , 2007 , 76,	4.9	27
197	Measurement of Bd mixing using opposite-side flavor tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	27
196	Measurement of the WW production cross section in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 151801	7.4	27
195	Search for CP violation in Bs0 \rightarrow μ Ds $\bar{\mu}$ decays in pp \bar{p} collisions at s=1.96 TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	26
194	Scaling properties at freeze-out in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2011 , 83,	2.7	26
193	System size and energy dependence of near-side dihadron correlations. <i>Physical Review C</i> , 2012 , 85,	2.7	26
192	Measurement of the top quark mass in the lepton+jets channel using the ideogram method. <i>Physical Review D</i> , 2007 , 75,	4.9	26
191	Measurement of the tt \bar{t} production cross section in pp \bar{p} collisions using dilepton events. <i>Physical Review D</i> , 2007 , 76,	4.9	26
190	Search for . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 423-431	4.2	26
189	Search for large extra spatial dimensions in dimuon production with the d0 detector. <i>Physical Review Letters</i> , 2005 , 95, 161602	7.4	26
188	Direct measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2011 , 84,	4.9	25
187	Search for dark photons from supersymmetric hidden valleys. <i>Physical Review Letters</i> , 2009 , 103, 081802	7.4	25
186	Measurement of the semileptonic branching ratio of B _s ⁰ to an orbitally excited D _s ¹ state: Br(B _s ⁰ \rightarrow D _s ¹ $\mu^+\nu$). <i>Physical Review Letters</i> , 2009 , 102, 051801	7.4	25

185	Directed flow of identified particles in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV at RHIC. <i>Physical Review Letters</i> , 2012 , 108, 202301	7.4	25
184	Search for anomalous Wtb couplings in single top quark production. <i>Physical Review Letters</i> , 2008 , 101, 221801	7.4	25
183	Measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 23-30	4.2	25
182	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 467-473	4.2	24
181	Measurement of $\sigma(\text{pp} \rightarrow Z+X)\text{Br}(Z \rightarrow \mu\mu)$ at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 292-299	4.2	24
180	Search for a fourth generation tLQuark in p p collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 082001	7.4	24
179	Search for doubly charged Higgs boson pair production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 021801	7.4	24
178	Measurement of the dijet invariant mass cross section in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 531-538	4.2	24
177	Search for $B_s^0 \rightarrow \mu\mu$ decays at D0. <i>Physical Review D</i> , 2007 , 76,	4.9	24
176	Measurement of the differential cross section for the production of an isolated photon with associated jet in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 435-445	4.2	24
175	Search for neutral, long-lived particles decaying into two muons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 161802	7.4	24
174	Performance of the ATLAS electromagnetic calorimeter barrel module 0. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 500, 202-231	1.2	24
173	Quasi-model-independent search for new high p(T) physics at D0. <i>Physical Review Letters</i> , 2001 , 86, 3712-74	7.4	24
172	Combination of searches for anomalous top quark couplings with 5.4fb of pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 165-171	4.2	23
171	Search for diphoton events with large missing transverse energy in 6.3 fb ⁻¹ of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 221802	7.4	23
170	Precise measurement of the top-quark mass from lepton + jets events. <i>Physical Review Letters</i> , 2008 , 101, 182001	7.4	23
169	Z production and limits on anomalous ZZ and Z couplings in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 653, 378-386	4.2	23
168	Measurement of the charge asymmetry in semileptonic Bs0 decays. <i>Physical Review Letters</i> , 2007 , 98, 151801	7.4	23

167	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
166	Search for anomalous Wtb couplings in single top quark production in pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 21-26	4.2	22
165	Search for pair production of second generation scalar leptoquarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 671, 224-232	4.2	22
164	Search for the lightest scalar top quark in events with two leptons in pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 289-296	4.2	22
163	Azimuthal decorrelations and multiple parton interactions in 2 jet and 3 jet events in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	22
162	Di-electron spectrum at mid-rapidity in p+p collisions at s=200 GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	22
161	Search for the pair production of scalar top quarks in the acoplanar charm jet final state in pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 645, 119-127	4.2	22
160	Measurement of the Bs(0) lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2006 , 97, 241801	7.4	22
159	Performance of the ATLAS electromagnetic calorimeter end-cap module 0. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 500, 178-201	1.2	22
158	Measurement of sin 2 θ_{eff}^b and Z-light quark couplings using the forward-backward charge asymmetry in pp $\rightarrow Z/\gamma \rightarrow e^+e^-$ events with L=5.0 fb at s=1.96 TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	21
157	Search for third generation scalar leptoquarks decaying into taub. <i>Physical Review Letters</i> , 2008 , 101, 241802	7.4	21
156	Search for third-generation scalar leptoquarks in pp at square root s=1.96 TeV. <i>Physical Review Letters</i> , 2007 , 99, 061801	7.4	21
155	Measurement of the Lambda b lifetime in the exclusive decay Lambda b $\rightarrow J/\psi$ Lambda. <i>Physical Review Letters</i> , 2007 , 99, 142001	7.4	21
154	Search for right-handed W bosons in top quark decay. <i>Physical Review D</i> , 2005 , 72,	4.9	21
153	Search for narrow tt resonances in pp collisions at square root of (s)=1.8 TeV. <i>Physical Review Letters</i> , 2004 , 92, 221801	7.4	21
152	Search for the standard model Higgs boson in the ZH $\rightarrow \gamma\gamma$ channel in 9.5 fb of pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 285-293	4.2	20
151	Measurements of inclusive . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 200-207	4.2	20
150	Search for pair production of first-generation leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 224-232	4.2	20

149	Search for charged Higgs bosons in decays of top quarks. <i>Physical Review D</i> , 2009 , 80,	4.9	20
148	Measurement of the $WZ \rightarrow \mu\mu$ cross section and limits on anomalous triple gauge couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 67-73	4.2	20
147	Directed and elliptic flow of charged particles in Cu + Cu collisions at $\sqrt{s_{NN}}=22.4$ GeV. <i>Physical Review C</i> , 2012 , 85,	2.7	20
146	Search for violation of Lorentz invariance in top quark pair production and decay. <i>Physical Review Letters</i> , 2012 , 108, 261603	7.4	20
145	Search for Randall-Sundrum gravitons with 1 fb ⁻¹ of data from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 091802	7.4	20
144	Search for first-generation scalar leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	20
143	Measurement of $\sigma(pp \rightarrow Z) \text{Br}(Z \rightarrow \mu\mu)$ at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	20
142	Search for supersymmetry via associated production of charginos and neutralinos in final states with three leptons. <i>Physical Review Letters</i> , 2005 , 95, 151805	7.4	20
141	$Z\mu$ production and limits on anomalous $ZZ\mu$ and $Z\mu\mu$ couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	19
140	π^0 photoproduction in AuAu collisions at $\sqrt{s_{NN}}=62.4$ GeV measured with the STAR detector. <i>Physical Review C</i> , 2012 , 85,	2.7	19
139	$\mu\mu$ cross section in $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	19
138	Neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	19
137	Measurement of the $pp \rightarrow WZ+X$ cross section at $\sqrt{s}=1.96$ TeV and limits on WWZ trilinear gauge couplings. <i>Physical Review D</i> , 2007 , 76,	4.9	19
136	Search for scalar leptoquarks and T-odd quarks in the acoplanar jet topology using of collision data at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 668, 357-363	4.2	19
135	Search for the Higgs boson in $H \rightarrow WW^*$ decays in pp collisions at square root of 1.96 TeV. <i>Physical Review Letters</i> , 2006 , 96, 011801	7.4	19
134	Measurement of the $pp \rightarrow W\mu X$ cross section at $\sqrt{s}=1.96$ TeV and $WW\mu$ anomalous coupling limits. <i>Physical Review D</i> , 2005 , 71,	4.9	19
133	Search for R-parity violating supersymmetry via the $LE\mu$ couplings μ_{21} , μ_{22} or μ_{33} in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 441-449	4.2	19
132	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow Z + b \text{ jet})/\sigma(pp \rightarrow Z + \text{jet})$ at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 161801	7.4	19

131	Measurement of the $W \rightarrow e\bar{\nu}_e$ and $Z/\bar{\nu}_e \rightarrow e\bar{\nu}_e$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. <i>Physical Review D</i> , 2012 , 85,	4.9	18
130	Search for associated W and Higgs Boson production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 051803	7.4	18
129	Search for anomalous top-quark couplings with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 092002	7.4	18
128	Search for pair production of the scalar top quark in the electron + muon final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 321-327	4.2	18
127	Search for Resonant WW and WZ Production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 011801	7.4	18
126	WW production and limits on anomalous WW couplings in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 241803	7.4	18
125	Measurement of the top-quark mass in pp collisions using events with two leptons. <i>Physical Review D</i> , 2012 , 86,	4.9	18
124	Measurement of the top quark mass in final states with two leptons. <i>Physical Review D</i> , 2009 , 80,	4.9	18
123	Search for excited electrons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	18
122	Search for long-lived particles decaying into electron or photon pairs with the D0 detector. <i>Physical Review Letters</i> , 2008 , 101, 111802	7.4	18
121	Measurement of the Λ_{b0} lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2007 , 99, 182001	7.4	18
120	Search for pair production of second generation scalar leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 183-190	4.2	18
119	Measurement of the top quark mass in all-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 25-33	4.2	18
118	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 55-64	4.2	18
117	Measurement of semileptonic branching fractions of B mesons to narrow D^{**} states. <i>Physical Review Letters</i> , 2005 , 95, 171803	7.4	18
116	Measurements of WW and WZ production in W + jets final states in pp collisions. <i>Physical Review Letters</i> , 2012 , 108, 181803	7.4	17
115	Search for sneutrino production in e final states in 5.3 fb ⁻¹ of pp collisions at square root $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191802	7.4	17
114	Measurement of the $Z\gamma \rightarrow \nu\bar{\nu}\gamma$ production cross section and limits on anomalous ZZ γ and $Z\gamma\gamma$ couplings in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 201802	7.4	17

113	Precise measurement of the top quark mass in the dilepton channel at D0. <i>Physical Review Letters</i> , 2011 , 107, 082004	7.4	17
112	Measurement of the B_0 lifetime in the exclusive decay $B_0 \rightarrow J/\psi$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	17
111	Study of direct CP violation in $B(+/-) \rightarrow J/\psi K(+/-)(\pi(+/-))$ decays. <i>Physical Review Letters</i> , 2008 , 100, 211802	7.4	17
110	Search for flavor-changing-neutral-current d meson decays. <i>Physical Review Letters</i> , 2008 , 100, 101801	7.4	17
109	Measurement of the W boson helicity in top quark decays at D0. <i>Physical Review D</i> , 2007 , 75,	4.9	17
108	Search for a resonance decaying into WZ boson pairs in pp collisions. <i>Physical Review Letters</i> , 2010 , 104, 061801	7.4	16
107	Search for WH associated production in 5.3 fb $^{-1}$ of pp collisions at the Fermilab Tevatron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 6-13	4.2	16
106	Search for single vectorlike quarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 081801	7.4	16
105	Search for charged massive long-lived particles. <i>Physical Review Letters</i> , 2012 , 108, 121802	7.4	16
104	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
103	Longitudinal scaling property of the charge balance function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 239-244	4.2	16
102	Observation of ZZ production in p-p collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 171803	7.4	16
101	Search for Higgs bosons of the minimal supersymmetric standard model in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 569-577	4.2	15
100	Observation of $\pi\pi$ photoproduction in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}}=200$ GeV at the STAR detector. <i>Physical Review C</i> , 2010 , 81,	2.7	15
99	Search for the standard model higgs Boson in the $ZH \rightarrow \nu\nu b\bar{b}$ channel in 5.2 fb $^{-1}$ of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 071801	7.4	15
98	Evidence of WW and WZ production with lepton + jets final states in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 161801	7.4	15
97	Search for a scalar or vector particle decaying into $Z\nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 671, 349-355	4.2	15
96	Search for admixture of scalar top quarks in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 4-10	4.2	15

95	Measurement of the production fraction times branching fraction $f(b \rightarrow \bar{b})B(\bar{b} \rightarrow J/\psi)$ <i>Physical Review D</i> , 2011 , 84,	4.9	15
94	Search for a fermiophobic and standard model Higgs boson in diphoton final states. <i>Physical Review Letters</i> , 2011 , 107, 151801	7.4	15
93	Search for the standard model Higgs boson in $ZH \rightarrow (\ell^+ \ell^-) b \bar{b}$ production with the D0 detector in 9.7 fb ⁻¹ of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 121803	7.4	15
92	Search for decay of a fermiophobic Higgs boson $h_f \rightarrow \gamma\gamma$ with the D0 detector at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 051801	7.4	15
91	Search for neutral Higgs bosons in multi-b-jet events in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 221802	7.4	15
90	Multivariate searches for single top quark production with the D0 detector. <i>Physical Review D</i> , 2007 , 75,	4.9	15
89	Search for the lightest scalar top quark in events with two leptons in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 500-508	4.2	15
88	A combined search for the standard model Higgs boson at $\sqrt{s} = 1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 26-36	4.2	15
87	Observation of diffractively produced W and Z bosons in p p collisions at $\sqrt{s} = 1800$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 574, 169-179	4.2	15
86	Study of Z γ events and limits on anomalous ZZ γ and Z γ γ couplings in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 051802	7.4	15
85	Measurement of the B _s lifetime in the exclusive decay channel $B_s \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 2005 , 94, 042001	7.4	15
84	Search for supersymmetry with gauge-mediated breaking in diphoton events at D0. <i>Physical Review Letters</i> , 2005 , 94, 041801	7.4	15
83	Spectra of identified high-p _T \bar{p} and p(p \bar{p}) in Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	14
82	Search for $ZH \rightarrow \ell^+ \ell^- b \bar{b}$ production in 4.2 fb ⁻¹ of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 251801	7.4	14
81	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. <i>Physical Review D</i> , 2011 , 84,	4.9	14
80	Search for the standard model Higgs boson in tau final states. <i>Physical Review Letters</i> , 2009 , 102, 251801	7.4	14
79	Measurement of color flow in $t\bar{t}$ events from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	14
78	Search for scalar neutrino superpartners in e+mu final states in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 241803	7.4	14

77	Measurement of the top quark mass in the dilepton channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 655, 7-14	4.2	14
76	Search for the lightest chargino at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 382, 323-336	4.2	14
75	Search for pair production of the scalar top quark in muon + tau final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 578-586	4.2	13
74	Measurement of three-jet differential cross sections $d\mathcal{B}_{\text{jet}}/dM_{3\text{jet}}$ in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 434-441	4.2	13
73	Measurement of $t\bar{t}$ production in the n -jets topology using pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	13
72	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow Z+b\bar{q}\text{jet})/\sigma(pp \rightarrow Z+\text{jet})$ at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	13
71	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. <i>Physical Review C</i> , 2011 , 83,	2.7	13
70	Search for the standard model Higgs boson in associated WH production in 9.7 fb ⁻¹ of pp collisions with the D0 detector. <i>Physical Review Letters</i> , 2012 , 109, 121804	7.4	13
69	Search for associated higgs boson production $WH \rightarrow WW^* \rightarrow l^+l^- \nu_l \bar{\nu}_l X$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 151804	7.4	13
68	Measurement of the $pp \rightarrow t\bar{t}+X$ production cross section at $s=1.96$ TeV in the fully hadronic decay channel. <i>Physical Review D</i> , 2007 , 76,	4.9	13
67	First measurement of σ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 167-172	4.2	13
66	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
65	Ratios of multijet Cross Sections in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 86, 1955-60	7.4	13
64	Search for Higgs bosons decaying to $\tau\tau$ pairs in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 323-329	4.2	12
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