

Kin Yip

List of Publications by Year in Descending Order

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

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	Neutron generator based on intense lithium beam driver. <i>Review of Scientific Instruments</i> , 2020 , 91, 023304	4.7	3
363	Measurement of the differential μ c-jet cross section and the ratio of differential μ c and μ b cross sections in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 354-361	4.2	30
362	Measurement of leptonic asymmetries and top-quark polarization in $t\bar{t}$ production. <i>Physical Review D</i> , 2013 , 87,	4.9	30
361	Search for charged massive long-lived particles at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	7
360	Search for Higgs bosons decaying to $\mu\bar{\mu}$ pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 323-329	4.2	12
359	Search for anomalous Wtb couplings in single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 21-26	4.2	22
358	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
357	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
356	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
355	Model independent search for new phenomena in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	5
354	$Z\bar{\nu}$ production and limits on anomalous $ZZ\bar{\nu}$ and $Z\nu\bar{\nu}$ couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	19
353	Measurement of the $W \rightarrow e\bar{\nu}$ and $Z/\bar{\nu} \rightarrow e+e\bar{\nu}$ 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
352	Improved determination of the width of the top quark. <i>Physical Review D</i> , 2012 , 85,	4.9	53
351	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
350	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 32-39	4.2	31
349	Search for the standard model Higgs boson in tau lepton final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 237-245	4.2	9
348	Search for the standard model Higgs boson in the $ZH \rightarrow \bar{\nu}\nu$ channel in 9.5 fb of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 285-293	4.2	20

347	Measurement of angular correlations of jets at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 56-63	4.2	34
346	Limits on anomalous trilinear gauge boson couplings from WW, WZ and W γ production in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 451-459	4.2	27
345	ϕ 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
344	Observation of electron-antineutrino disappearance at Daya Bay. <i>Physical Review Letters</i> , 2012 , 108, 171803	7.4	1428
343	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
342	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
341	Measurement of the W boson mass with the D0 detector. <i>Physical Review Letters</i> , 2012 , 108, 151804	7.4	67
340	Observation of a narrow mass state decaying into $(\eta(1S)+\pi)n$ pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	37
339	Transverse single-spin asymmetry and cross section for ϕ and ρ mesons at large Feynman x in $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	58
338	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
337	Search for Z events with large missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	7
336	Search for WH associated production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	6
335	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
334	Di-electron spectrum at mid-rapidity in $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	22
333	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
332	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
331	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
330	Evidence for spin correlation in $t\bar{t}$ production. <i>Physical Review Letters</i> , 2012 , 108, 032004	7.4	48

329	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
328	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
327	Search for violation of Lorentz invariance in top quark pair production and decay. <i>Physical Review Letters</i> , 2012 , 108, 261603	7.4	20
326	Search for universal extra dimensions in pp collisions. <i>Physical Review Letters</i> , 2012 , 108, 131802	7.4	5
325	Measurement of the top-quark mass in pp collisions using events with two leptons. <i>Physical Review D</i> , 2012 , 86,	4.9	18
324	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
323	Measurement of the WZ and ZZ production cross sections using leptonic final states in 8.6 fb ⁻¹ of pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	27
322	Search for a narrow tt resonance in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	28
321	Search for the standard model Higgs boson in ZH \rightarrow ($\tau^+\tau^-$)bb 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
320	Measurement of the semileptonic charge asymmetry in B0 meson mixing with the D0 detector. <i>Physical Review D</i> , 2012 , 86,	4.9	38
319	Search for charged massive long-lived particles. <i>Physical Review Letters</i> , 2012 , 108, 121802	7.4	16
318	Measurement of the differential cross section $d\sigma/dt$ in elastic pp scattering at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	41
317	Study of the decay Bs0 \rightarrow J/ ψ (1525) in $\mu^+\mu^-$ final states. <i>Physical Review D</i> , 2012 , 86,	4.9	9
316	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}}=62$ and 200 GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	41
315	Search for Higgs boson production in oppositely charged dilepton and missing energy events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	3
314	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
313	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
312	System size and energy dependence of near-side dihadron correlations. <i>Physical Review C</i> , 2012 , 85,	2.7	26

311	Combined search for the standard model Higgs boson decaying to bb using the D0 run II data set. <i>Physical Review Letters</i> , 2012 , 109, 121802	7.4	29
310	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
309	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
308	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
307	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
306	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
305	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
304	Analyses of the secondary particle radiation and the DNA damage it causes to human keratinocytes. <i>Journal of Radiation Research</i> , 2011 , 52, 685-93	2.4	9
303	Studies and proposed changes to the RHIC p-Carbon polarimeters for the upcoming RUN-11. <i>Journal of Physics: Conference Series</i> , 2011 , 295, 012130	0.3	
302	Observation of the antimatter helium-4 nucleus. <i>Nature</i> , 2011 , 473, 353-6	50.4	120
301	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
300	Determination of the pole and . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 422-427	4.2	52
299	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 403-410	4.2	47
298	Measurement of three-jet differential cross sections $d^3\sigma_{\text{jet}}/dM_{\text{jet}}^2$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 434-441	4.2	13
297	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
296	Measurements of inclusive . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 200-207	4.2	20
295	High mass exclusive diffractive dijet production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 193-199	4.2	7
294	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

293	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
292	Measurement of the W boson helicity in top quark decays using 5.4 fb of pp collision data. <i>Physical Review D</i> , 2011 , 83,	4.9	33
291	Measurement of $\sin 2\beta_{\text{eff}}$ 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
290	High p_T nonphotonic electron production in $p+p$ collisions at $s=200$ GeV. <i>Physical Review D</i> , 2011 , 83,	4.9	38
289	Precise measurement of the top-quark mass from lepton+jets events at D0. <i>Physical Review D</i> , 2011 , 84,	4.9	32
288	Measurement of the ZZ production cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	12
287	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
286	Measurement of the anomalous like-sign dimuon charge asymmetry with 9 fb of pp collisions. <i>Physical Review D</i> , 2011 , 84,	4.9	88
285	Direct measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2011 , 84,	4.9	25
284	Measurement of the $WZ \rightarrow \mu\mu$ cross section and limits on anomalous triple gauge couplings in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 67-73	4.2	20
283	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb of pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 88-94	4.2	52
282	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
281	Search for WH associated production in 5.3 fb 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
280	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
279	Search for $W^? \rightarrow tb$ 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
278	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
277	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
276	K^*0 production in $\text{Cu} + \text{Cu}$ and $\text{Au} + \text{Au}$ collisions at $s_{NN}=62.4$ GeV and 200 GeV. <i>Physical Review C</i> , 2011 , 84,	2.7	47

275	Search for the standard model Higgs boson in the $H \rightarrow WW \rightarrow l\bar{l}lq$ decay channel. <i>Physical Review Letters</i> , 2011 , 106, 171802	7.4	8
274	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
273	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow Z + b\bar{b} \text{quark jet}) / \sigma(pp \rightarrow Z + \text{jet})$ at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	13
272	Measurement of the top quark pair production cross section in the lepton+jets channel in proton-antiproton collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	45
271	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
270	Measurement of color flow in $t\bar{t}$ events from pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	14
269	Search for associated Higgs boson production using like charge dilepton events in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	9
268	Measurement of the production fraction times branching fraction $f(b \rightarrow \bar{b})B(B \rightarrow J/\psi)$ <i>Physical Review D</i> , 2011 , 84,	4.9	15
267	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , 2011 , 84,	4.9	170
266	Precise measurement of the top quark mass in the dilepton channel at D0. <i>Physical Review Letters</i> , 2011 , 107, 082004	7.4	17
265	Determination of the width of the top quark. <i>Physical Review Letters</i> , 2011 , 106, 022001	7.4	30
264	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
263	Measurement of spin correlation in $t\bar{t}$ production using a matrix element approach. <i>Physical Review Letters</i> , 2011 , 107, 032001	7.4	31
262	Precise study of the Z/\bar{b} boson transverse momentum distribution in pp collisions using a novel technique. <i>Physical Review Letters</i> , 2011 , 106, 122001	7.4	43
261	Measurement of the parity-violating longitudinal single-spin asymmetry for $W_{\bar{b}}$ boson production in polarized proton-proton collisions at $\sqrt{s} = 500$ GeV. <i>Physical Review Letters</i> , 2011 , 106, 062002	7.4	44
260	Pion femtoscopy in $p + p$ collisions at $s = 200$ GeV. <i>Physical Review C</i> , 2011 , 83,	2.7	33
259	Search for neutral minimal supersymmetric standard model Higgs bosons decaying to tau pairs produced in association with b quarks in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 121801	7.4	10
258	Scaling properties at freeze-out in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2011 , 83,	2.7	26

257	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
256	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
255	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
254	Search for a fermiophobic and standard model Higgs boson in diphoton final states. <i>Physical Review Letters</i> , 2011 , 107, 151801	7.4	15
253	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
252	$W\bar{W}$ production and limits on anomalous $WW\bar{W}$ couplings in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 241803	7.4	18
251	Observation of $\pi\pi\pi$ 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
250	Search for a resonance decaying into WZ boson pairs in pp collisions. <i>Physical Review Letters</i> , 2010 , 104, 061801	7.4	16
249	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
248	Search for new fermions ("quirks") at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2010 , 105, 211803	7.4	8
247	Double parton interactions in $\bar{W}3$ jet events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	119
246	Search for the associated production of a b quark and a neutral supersymmetric Higgs boson that decays into tau pairs. <i>Physical Review Letters</i> , 2010 , 104, 151801	7.4	10
245	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review Letters</i> , 2010 , 105, 081801	7.4	89
244	Search for the standard model higgs Boson in the $ZH \rightarrow \nu\bar{\nu}bb$ 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
243	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
242	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
241	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
240	Spectra of identified high-pT \bar{W} and $p(p\bar{W})$ in Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	14

239	Search for sneutrino production in e ⁺ final states in 5.3 fb ⁻¹ of pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 191802	7.4	17
238	Search for ZH → l ⁺ l ⁻ bb 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
237	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
236	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
235	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
234	Higher moments of net proton multiplicity distributions at RHIC. <i>Physical Review Letters</i> , 2010 , 105, 022302	7.4	237
233	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
232	Azimuthal di-hadron correlations in d+ Au and Au + Au collisions at s _{NN} =200 GeV measured at the STAR detector. <i>Physical Review C</i> , 2010 , 82,	2.7	56
231	Charged and strange hadron elliptic flow in Cu+Cu collisions at s _{NN} =62.4 and 200 GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	49
230	Cross section in p+p collisions at s=200 GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	19
229	Observation of an antimatter hypernucleus. <i>Science</i> , 2010 , 328, 58-62	33.3	191
228	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
227	Search for CP violation in Bs ⁰ → Ds [±] decays in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	26
226	Measurement of tt production in the jets topology using pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	13
225	Inclusive D, J and direct photon production at high transverse momentum in p+p and d+Au collisions at s _{NN} =200 GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	28
224	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
223	Measurement of the tt cross section using high-multiplicity jet events. <i>Physical Review D</i> , 2010 , 82,	4.9	11
222	Physics with tagged forward protons at RHIC. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 198, 136-139		

221	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. <i>Nuclear Physics A</i> , 2010 , 832, 134-147	1.3	11
220	Measurement of Z/γ +jet+X angular distributions in pp 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
219	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
218	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
217	Longitudinal scaling property of the charge balance function in Au+Au collisions at $s_{NN}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 239-244	4.2	16
216	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb^{-1} of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 81-87	4.2	45
215	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
214	Dependence of the $t\bar{t}$ 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
213	Measurement of the normalized . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 522-530	4.2	38
212	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
211	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
210	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
209	Direct measurement of the mass difference between top and antitop quarks. <i>Physical Review Letters</i> , 2009 , 103, 132001	7.4	10
208	Measurement of the angular and lifetime parameters of the decays $B_d^0 \rightarrow J/\psi K^*0$ and $B_s^0 \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 2009 , 102, 032001	7.4	11
207	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
206	J/ψ production at high transverse momenta in p+p and Cu+Cu collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	76
205	Azimuthal charged-particle correlations and possible local strong parity violation. <i>Physical Review Letters</i> , 2009 , 103, 251601	7.4	352
204	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

203	Search for long-lived charged massive particles with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 161802	7.4	46
202	Direct measurement of the W boson width. <i>Physical Review Letters</i> , 2009 , 103, 231802	7.4	9
201	Measurement of trilinear gauge boson couplings from WW+WZ→l \bar{l} events in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	12
200	Neutral pion production in Au+Au collisions at sNN=200 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	19
199	K/pi Fluctuations at relativistic energies. <i>Physical Review Letters</i> , 2009 , 103, 092301	7.4	48
198	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
197	Measurement of the lifetime of the Bc+/- meson in the semileptonic decay channel. <i>Physical Review Letters</i> , 2009 , 102, 092001	7.4	42
196	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
195	Evidence for the decay Bs0→Ds(*)Ds(*) and a measurement of DeltaGammasCP/Gammas. <i>Physical Review Letters</i> , 2009 , 102, 091801	7.4	11
194	Measurement of the Zgamma → nu $\bar{\nu}$ production cross section and limits on anomalous ZZgamma and Zgamma gamma couplings in pp collisions at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 201802	7.4	17
193	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
192	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
191	Measurement of the W boson mass. <i>Physical Review Letters</i> , 2009 , 103, 141801	7.4	35
190	Search for dark photons from supersymmetric hidden valleys. <i>Physical Review Letters</i> , 2009 , 103, 081802	7.4	25
189	Search for the standard model Higgs boson in tau final states. <i>Physical Review Letters</i> , 2009 , 102, 251801	7.4	14
188	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
187	Search for resonant diphoton production with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 231801	7.4	29
186	Long range rapidity correlations and jet production in high energy nuclear collisions. <i>Physical Review C</i> , 2009 , 80,	2.7	191

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184	Search for neutral Higgs Bosons at high $\tan\beta$ in the $b(h/H/A) \rightarrow b\tau^+\tau^-$ channel. <i>Physical Review Letters</i> , 2009 , 102, 051804	7.4	11
183	Observation of single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092001	7.4	172
182	Search for anomalous top-quark couplings with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 092002	7.4	18
181	Measurement of the semileptonic branching ratio of $B_{(s)}$ to an orbitally excited $D_{(s)}$ state: $Br(B_{(s)} \rightarrow D_{(s)}(2536)\mu^+\nu_X)$. <i>Physical Review Letters</i> , 2009 , 102, 051801	7.4	25
180	Evidence of WW and WZ production with lepton + jets final states in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 161801	7.4	15
179	Measurement of $(pp \rightarrow Z+X)Br(Z \rightarrow \mu\mu)$ 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
178	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
177	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
176	Search for admixture of scalar top quarks in the $pp \rightarrow Z\nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 4-10	4.2	15
175	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
174	Measurements of differential cross sections of $pp \rightarrow Z\nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 678, 45-54	4.2	28
173	Measurement of the $pp \rightarrow Z\nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 177-185	4.2	28
172	Search for squark production in events with jets, hadronically decaying tau leptons and missing transverse energy at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 24-33	4.2	7
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170	Search for pair production of first-generation leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 224-232	4.2	20
169	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
168	Determination of the strong coupling constant from the inclusive jet cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	43

167	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
166	Relative rates of B meson decays into $\Psi(2S)$ and J/Ψ mesons. <i>Physical Review D</i> , 2009 , 79,	4.9	4
165	Search for charged Higgs bosons in decays of top quarks. <i>Physical Review D</i> , 2009 , 80,	4.9	20
164	Longitudinal spin transfer to Λ and Σ hyperons in polarized proton-proton collisions at $s=200$ GeV. <i>Physical Review D</i> , 2009 , 80,	4.9	8
163	Combination of tt 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
162	Measurement of the top quark mass in final states with two leptons. <i>Physical Review D</i> , 2009 , 80,	4.9	18
161	Search for excited electrons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	18
160	$ZZ \rightarrow l+l$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	11
159	Evidence for production of single top quarks. <i>Physical Review D</i> , 2008 , 78,	4.9	69
158	Measurement of the muon charge asymmetry from W boson decays. <i>Physical Review D</i> , 2008 , 77,	4.9	47
157	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
156	Search for the standard model Higgs boson in the missing energy and acoplanar b-jet topology at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 251802	7.4	1
155	Search for third generation scalar leptoquarks decaying into τ and b . <i>Physical Review Letters</i> , 2008 , 101, 241802	7.4	21
154	Search for Higgs bosons decaying to tau pairs in pp collisions with the D0 detector. <i>Physical Review Letters</i> , 2008 , 101, 071804	7.4	31
153	Measurement of the forward-backward charge asymmetry and extraction of $\sin^2\theta_{\text{Weff}}$ in $pp \rightarrow Z/\gamma^* + X \rightarrow e^+e^- + X$ events produced at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 191801	7.4	27
152	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
151	Measurement of B_s^0 mixing parameters from the flavor-tagged decay $B_s^0 \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 2008 , 101, 241801	7.4	156
150	Observation of the B_c meson in the exclusive decay $B_c \rightarrow J/\psi \pi$. <i>Physical Review Letters</i> , 2008 , 101, 012001	7.4	72

149	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 192004	7.4	31
148	Measurement of the forward-backward charge asymmetry in top-quark pair production. <i>Physical Review Letters</i> , 2008 , 100, 142002	7.4	183
147	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
146	First study of the radiation-amplitude zero in $W\gamma$ production and limits on anomalous $WW\gamma$ couplings at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 241805	7.4	30
145	Observation of the doubly strange b baryon Ω_{cb} . <i>Physical Review Letters</i> , 2008 , 101, 232002	7.4	64
144	Measurement of the inclusive jet cross section in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 062001	7.4	148
143	Search for pair production of doubly charged Higgs bosons in the $H^{++}H^{--}\rightarrow\mu^+\mu^+\mu^-\mu^-$ final state. <i>Physical Review Letters</i> , 2008 , 101, 071803	7.4	43
142	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
141	Observation and properties of the orbitally excited $B_{(s2)}^*$ meson. <i>Physical Review Letters</i> , 2008 , 100, 082002	7.4	57
140	Precise measurement of the top-quark mass from lepton + jets events. <i>Physical Review Letters</i> , 2008 , 101, 182001	7.4	23
139	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
138	Measurement of the polarization of the $\psi(1S)$ and $\psi(2S)$ states in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 182004	7.4	48
137	Search for anomalous Wtb couplings in single top quark production. <i>Physical Review Letters</i> , 2008 , 101, 221801	7.4	25
136	Study of direct CP violation in $B^{(\pm)}\rightarrow J/\psi K^{(\pm)}(\pi^{(\pm)})$ decays. <i>Physical Review Letters</i> , 2008 , 100, 211802	7.4	17
135	Measurement of the shape of the boson-transverse momentum distribution in $pp\rightarrow Z/\gamma^*\rightarrow e^+e^-+X$ events produced at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 102002	7.4	83
134	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
133	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
132	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

131	Search for W bosons decaying to an electron and a neutrino with the D0 detector. <i>Physical Review Letters</i> , 2008 , 100, 031804	7.4	39
130	Search for flavor-changing-neutral-current d meson decays. <i>Physical Review Letters</i> , 2008 , 100, 101801	7.4	17
129	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
128	Search for ZZ and Zgamma* production in pp collisions at square root $s=1.96$ TeV and limits on anomalous ZZZ and ZZgamma* couplings. <i>Physical Review Letters</i> , 2008 , 100, 131801	7.4	27
127	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
126	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
125	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
124	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
123	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
122	Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 660, 449-457	4.2	95
121	A combined search for the standard model Higgs boson at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 26-36	4.2	15
120	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 1-8	4.2	49
119	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
118	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
117	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
116	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
115	Measurement of differential . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 278-286	4.2	38
114	RHIC polarimetry. <i>European Physical Journal: Special Topics</i> , 2008 , 162, 259-265	2.3	2

113	Measurement of the shape of the boson rapidity distribution for $pp \rightarrow Z/\gamma \rightarrow e^+e^- X$ events produced at \sqrt{s} of 1.96 TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	58
112	Multivariate searches for single top quark production with the D0 detector. <i>Physical Review D</i> , 2007 , 75,	4.9	15
111	Measurement of the W boson helicity in top quark decays at D0. <i>Physical Review D</i> , 2007 , 75,	4.9	17
110	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
109	Combined D0 measurements constraining the CP-violating phase and width difference in the B_s^0 system. <i>Physical Review D</i> , 2007 , 76,	4.9	27
108	Search for $B_s^0 \rightarrow \mu\mu$ decays at D0. <i>Physical Review D</i> , 2007 , 76,	4.9	24
107	Upgrade and operation of the D0 central track trigger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 495-498 ^{1,2}		1
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105	Search for single production of scalar leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 74-81	4.2	7
104	Double spin asymmetries . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 98-103	4.2	7
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102	Search for a Higgs boson produced in association with a Z boson in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 655, 209-216	4.2	11
101	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
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99	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
98	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
97	Properties of $L=1$ $B(1)$ and $B(2)^*$ mesons. <i>Physical Review Letters</i> , 2007 , 99, 172001	7.4	47
96	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

95	Measurement of the Λ_b lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2007 , 99, 182001	7.4	18
94	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
93	Measurement of the Λ_b lifetime in the exclusive decay $\Lambda_b \rightarrow J/\psi \Lambda_b$. <i>Physical Review Letters</i> , 2007 , 99, 142001	7.4	21
92	Search for techniparticles in e+jets events at D0. <i>Physical Review Letters</i> , 2007 , 98, 221801	7.4	10
91	Measurement of the $t\bar{t}$ production cross section in pp collisions using dilepton events. <i>Physical Review D</i> , 2007 , 76,	4.9	26
90	Direct observation of the strange b baryon Λ_b^- . <i>Physical Review Letters</i> , 2007 , 99, 052001	7.4	86
89	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
88	Measurement of the charge asymmetry in semileptonic B_s^0 decays. <i>Physical Review Letters</i> , 2007 , 98, 151801	7.4	23
87	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
86	Study of the decay $B_s(0) \rightarrow D_s^* D_s^*$. <i>Physical Review Letters</i> , 2007 , 99, 241801	7.4	8
85	Lifetime difference and CP-violating phase in the B_s^0 system. <i>Physical Review Letters</i> , 2007 , 98, 121801	7.4	50
84	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
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82	Direct limits on the oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 021802	7.4	165
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80	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
79	Measurement of B_d mixing using opposite-side flavor tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	27
78	Search for the standard model Higgs Boson in the $pp \rightarrow ZH \rightarrow \nu\nu b\bar{b}$ channel. <i>Physical Review Letters</i> , 2006 , 97, 161803	7.4	12

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75	Measurement of the $t\bar{t}$ 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
74	Search for a heavy resonance decaying into a Z+jet final state in pp collisions at $s=1.96$ TeV using the D0 detector. <i>Physical Review D</i> , 2006 , 74,	4.9	8
73	Limits on anomalous trilinear gauge couplings from $WW \rightarrow e^+e^-$, $WW \rightarrow e\mu$, and $WW \rightarrow \mu\mu$ events from pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
72	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
71	Search for excited muons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	11
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69	Measurement of the $B_s(0)$ lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2006 , 97, 241801	7.4	22
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67	First measurement of σ_{had}/s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 167-172	4.2	13
66	Search for pair production of second generation scalar leptoquarks in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 183-190	4.2	18
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