

M-C Cousinou

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.

274
papers

9,243
citations

46
h-index

76
g-index

278
ext. papers

9,945
ext. citations

5.9
avg, IF

2.1
L-index

#	Paper	IF	Citations
274	Properties of $Z_c(3900)$ produced in pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	8
273	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow \mu^+ \mu^-$ Events. <i>Physical Review Letters</i> , 2018 , 120, 241802	7.4	3
272	Evidence for $Z_c(3900)$ in semi-inclusive decays of b -flavored hadrons. <i>Physical Review D</i> , 2018 , 98,	4.9	17
271	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , 2018 , 97,	4.9	15
270	Study of the $X(5568)$ state with semileptonic decays of the B_s^0 meson. <i>Physical Review D</i> , 2018 , 97,	4.9	18
269	Evidence for Simultaneous Production of J/ψ and η Mesons. <i>Physical Review Letters</i> , 2016 , 116, 082002	7.4	31
268	Evidence for a $B_{s(0)}^{\prime}$ State. <i>Physical Review Letters</i> , 2016 , 117, 022003	7.4	110
267	B_s^0 lifetime measurement in the CP-odd decay channel $B_s^0 \rightarrow J/\psi(980)$. <i>Physical Review D</i> , 2016 , 94,	4.9	5
266	Tevatron constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quark pairs. <i>Physical Review Letters</i> , 2015 , 114, 151802	7.4	3
265	Measurement of the $B(s)(0)$ lifetime in the flavor-specific decay channel $B(s)(0) \rightarrow D(s)(-)(\pm)\pi$. <i>Physical Review Letters</i> , 2015 , 114, 062001	7.4	5
264	Measurement of the η distribution of muon pairs with masses between 30 and 500 GeV in 10.4 fb of pp collisions. <i>Physical Review D</i> , 2015 , 91,	4.9	7
263	Measurement of the forward-backward asymmetry in the production of $B(\pm)$ mesons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 051803	7.4	10
262	Measurement of the electron charge asymmetry in $pp \rightarrow W+X \rightarrow e\mu X$ decays in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	26
261	Measurement of the ratio of inclusive cross sections $(\sigma_{pp \rightarrow Z+2b \text{ jets}})/(\sigma_{pp \rightarrow Z+2 \text{ jets}})$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	2
260	Precision measurement of the top-quark mass in lepton+jets final states. <i>Physical Review D</i> , 2015 , 91,	4.9	14
259	Simultaneous measurement of forward-backward asymmetry and top polarization in dilepton final states from $t\bar{t}$ production at the Tevatron. <i>Physical Review D</i> , 2015 , 92,	4.9	18
258	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow e^+ e^-$ Events. <i>Physical Review Letters</i> , 2015 , 115, 041801	7.4	12

257	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element V_{tb} . <i>Physical Review Letters</i> , 2015 , 115, 152003	7.4	23
256	Search for Violation of CPT and Lorentz Invariance in $B_s(0)$ Meson Oscillations. <i>Physical Review Letters</i> , 2015 , 115, 161601	7.4	6
255	Inclusive Production of the X(4140) State in pp Collisions at D0. <i>Physical Review Letters</i> , 2015 , 115, 232001	7.4	32
254	Muon reconstruction and identification with the Run II D0 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 737, 281-294	1.2	24
253	Improved b quark jet identification at the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 763, 290-303	1.2	16
252	Precision measurement of the top quark mass in lepton + jets final States. <i>Physical Review Letters</i> , 2014 , 113, 032002	7.4	39
251	Electron and photon identification in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 750, 78-95	1.2	19
250	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , 2014 , 112, 231803	7.4	40
249	Measurement of the direct CP-violating parameter ACP in the decay $D^+ \rightarrow K^0 \pi^+$. <i>Physical Review D</i> , 2014 , 90,	4.9	4
248	Jet energy scale determination in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 763, 442-475 ^{1.2}	1.2	20
247	Measurement of associated production of z bosons with charm quark jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 042001	7.4	14
246	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , 2014 , 89,	4.9	47
245	Measurement of the forward-backward asymmetry in top quark-antiquark production in pp collisions using the lepton+jets channel. <i>Physical Review D</i> , 2014 , 90,	4.9	46
244	Search for the X(4140) state in $B^+ \rightarrow J/\psi K^+$ decays with the D0 detector. <i>Physical Review D</i> , 2014 , 89,	4.9	59
243	Measurement of the forward-backward asymmetry in the distribution of leptons in $t\bar{t}$ events in the lepton+jets channel. <i>Physical Review D</i> , 2014 , 90,	4.9	18
242	Measurement of the W boson production charge asymmetry in $pp \rightarrow W+X \rightarrow e\bar{\nu}X$ events at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 151803	7.4	14
241	Constraints on models for the Higgs boson with exotic spin and parity in $VH \rightarrow Vbb$ final states. <i>Physical Review Letters</i> , 2014 , 113, 161802	7.4	5
240	Study of CP-violating charge asymmetries of single muons and like-sign dimuons in pp collisions. <i>Physical Review D</i> , 2014 , 89,	4.9	32

239	Measurement of the direct CP-violating charge asymmetry in $D_s \rightarrow \ell \bar{\nu}_\ell$ decays. <i>Physical Review Letters</i> , 2014 , 112, 111804	7.4	3
238	Measurement of the differential b -jet cross section and the ratio $(\sigma_{b\text{-jets}})/(\sigma_{b\text{-jet}})$ in pp collisions at $s=1.96\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 737, 357-365	4.2	6
237	Measurement of the combined rapidity and p_T . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 212-219	4.2	9
236	Measurement of the muon charge asymmetry in $pp \rightarrow W+X \rightarrow \ell X$ events at $s=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	23
235	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88,	4.9	73
234	Measurement of the differential cross sections for isolated direct photon pair production in pp collisions at $s=1.96\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 6-14	4.2	14
233	Evidence for s-channel single top quark production in pp collisions at $s=1.96\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 656-664	4.2	30
232	Measurement of the differential c -jet cross section and the ratio of differential c and b cross sections in pp collisions at $s=1.96\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 354-361	4.2	30
231	Studies of W boson plus jets production in pp collisions at $s=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	16
230	Measurement of the ratio of three-jet to two-jet cross sections in pp collisions at $s=1.96\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 6-12	4.2	7
229	Search for a Higgs boson in diphoton final states with the D0 detector in 9.6 fb^{-1} of pp collisions at $s=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	7
228	Search for Higgs boson production in trilepton and like-charge electron-muon final states with the D0 detector. <i>Physical Review D</i> , 2013 , 88,	4.9	4
227	Search for the Higgs boson in lepton, tau, and jets final states. <i>Physical Review D</i> , 2013 , 88,	4.9	5
226	Measurement of leptonic asymmetries and top-quark polarization in tt production. <i>Physical Review D</i> , 2013 , 87,	4.9	30
225	Measurement of the differential cross section of photon plus jet production in pp collisions at $s=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	9
224	Search for anomalous quartic WW couplings in dielectron and missing energy final states in pp collisions at $s=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	27
223	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , 2013 , 88,	4.9	39
222	Search for Higgs boson production in oppositely charged dilepton and missing energy final states in 9.7 fb^{-1} of pp collisions at $s=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	6

221	Measurement of the ratio of differential cross sections $(\sigma(\text{pp} \rightarrow \text{Z} + \text{b jet}) / \sigma(\text{pp} \rightarrow \text{Z} + \text{jet}))$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	13
220	Search for $\text{ZH} \rightarrow \tau\tau$ production in 9.7 fb^{-1} of pp collisions with the D0 detector. <i>Physical Review D</i> , 2013 , 88,	4.9	5
219	Measurement of direct CP violation parameters in $\text{B}_d^0 \rightarrow \text{J}/\psi \text{K}_S^0$ and $\text{B}_d^0 \rightarrow \text{J}/\psi \text{K}_L^0$ decays with 10.4 fb^{-1} of Tevatron data. <i>Physical Review Letters</i> , 2013 , 110, 241801	7.4	11
218	Search for the standard model Higgs boson in $\tau\tau$ jets final states in 9.7 fb^{-1} of pp collisions with the D0 detector. <i>Physical Review D</i> , 2013 , 88,	4.9	8
217	Measurement of the ZZ production cross section and search for the standard model Higgs boson in the four lepton final state in pp collisions. <i>Physical Review D</i> , 2013 , 88,	4.9	9
216	Combined search for the Higgs boson with the D0 experiment. <i>Physical Review D</i> , 2013 , 88,	4.9	16
215	Measurement of the semileptonic charge asymmetry using $\text{B}(s)(0) \rightarrow \text{D}(s)\tau$ decays. <i>Physical Review Letters</i> , 2013 , 110, 011801	7.4	36
214	Search for charged massive long-lived particles at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	7
213	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
212	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
211	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
210	Measurement of the relative branching ratio of $\text{Bs}^0 \rightarrow \text{J}/\psi(980) \text{K}^0$ to $\text{Bs}^0 \rightarrow \text{J}/\psi \text{K}^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	29
209	Model independent search for new phenomena in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	5
208	$\text{Z}\tau$ production and limits on anomalous $\text{ZZ}\tau$ and $\text{Z}\tau$ couplings in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	19
207	Improved determination of the width of the top quark. <i>Physical Review D</i> , 2012 , 85,	4.9	53
206	Combination of searches for anomalous top quark couplings with 5.4 fb^{-1} of pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 165-171	4.2	23
205	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 32-39	4.2	31
204	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

203	Search for the standard model Higgs boson in the $ZH \rightarrow \tau\tau$ channel in 9.5 fb ⁻¹ 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
202	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
201	Limits on anomalous trilinear gauge boson couplings from WW, WZ and W τ production in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 451-459	4.2	27
200	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
199	Measurement of the W boson mass with the D0 detector. <i>Physical Review Letters</i> , 2012 , 108, 151804	7.4	67
198	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
197	Search for Z τ 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
196	Search for WH associated production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	6
195	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
194	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
193	Search for violation of Lorentz invariance in top quark pair production and decay. <i>Physical Review Letters</i> , 2012 , 108, 261603	7.4	20
192	Search for universal extra dimensions in pp collisions. <i>Physical Review Letters</i> , 2012 , 108, 131802	7.4	5
191	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
190	Search for the standard model Higgs boson in $ZH \rightarrow \tau\tau$ 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
189	Measurement of the semileptonic charge asymmetry in B0 meson mixing with the D0 detector. <i>Physical Review D</i> , 2012 , 86,	4.9	38
188	Search for charged massive long-lived particles. <i>Physical Review Letters</i> , 2012 , 108, 121802	7.4	16
187	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
186	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

185	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
184	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
183	Measurement of the inclusive jet cross section in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	47
182	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
181	Measurement of the B0 lifetime in the exclusive decay $B^0 \rightarrow J/\psi$ in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	17
180	Measurement of three-jet differential cross sections $d\sigma_{3\text{jet}}/dM_{3\text{jet}}$ 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
179	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
178	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
177	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 ⁻¹ at s=1.96 TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	21
176	Precise measurement of the top-quark mass from lepton+jets events at D0. <i>Physical Review D</i> , 2011 , 84,	4.9	32
175	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
174	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
173	Measurement of the $WZ \rightarrow \gamma\gamma$ 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
172	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb ⁻¹ 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
171	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
170	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
169	Search for $W^{\pm} \rightarrow tb$ 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
168	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

167	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
166	Search for the standard model Higgs boson in the $H \rightarrow WW \rightarrow l\bar{l}\mu\mu$ decay channel. <i>Physical Review Letters</i> , 2011 , 106, 171802	7.4	8
165	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
164	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
163	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
162	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
161	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
160	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , 2011 , 84,	4.9	170
159	Determination of the width of the top quark. <i>Physical Review Letters</i> , 2011 , 106, 022001	7.4	30
158	Precise study of the Z/\bar{Z} boson transverse momentum distribution in pp collisions using a novel technique. <i>Physical Review Letters</i> , 2011 , 106, 122001	7.4	43
157	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
156	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
155	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
154	Search for a fermiophobic and standard model Higgs boson in diphoton final states. <i>Physical Review Letters</i> , 2011 , 107, 151801	7.4	15
153	$W\bar{W}$ 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
152	Search for a resonance decaying into WZ boson pairs in pp collisions. <i>Physical Review Letters</i> , 2010 , 104, 061801	7.4	16
151	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
150	Search for new fermions ("quirks") at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2010 , 105, 211803	7.4	8

149	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
148	Search for events with leptonic jets and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 211802	7.4	18
147	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
146	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review Letters</i> , 2010 , 105, 081801	7.4	89
145	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review D</i> , 2010 , 82,	4.9	123
144	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
143	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
142	Search for sneutrino production in $e\bar{e}$ 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
141	Search for $ZH \rightarrow l^+ l^- bb$ 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
140	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
139	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
138	Search for CP violation in $B_s^0 \rightarrow \mu^+ \mu^- D_s^\pm$ decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	26
137	Measurement of $Z/\mu^+ \mu^- + \text{jet} + X$ angular distributions in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 370-380	4.2	27
136	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
135	Search for single top quarks in the tau + jets channel using 4.8 fb^{-1} of pp collision data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 5-14	4.2	11
134	Measurement of direct photon pair production cross sections in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 108-117	4.2	33
133	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
132	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

131	Measurement of the normalized . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 522-530	4.2	38
130	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
129	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
128	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
127	Measurement of dijet angular distributions at $\sqrt{s} = 1.96$ TeV and searches for quark compositeness and extra spatial dimensions. <i>Physical Review Letters</i> , 2009 , 103, 191803	7.4	68
126	Search for long-lived charged massive particles with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 161802	7.4	46
125	Direct measurement of the W boson width. <i>Physical Review Letters</i> , 2009 , 103, 231802	7.4	9
124	Measurement of trilinear gauge boson couplings from $WW+WZ \rightarrow l\bar{l}$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	12
123	Measurement of the WW production cross section with dilepton final states in pp collisions at $\sqrt{s} = 1.96$ TeV and limits on anomalous trilinear gauge couplings. <i>Physical Review Letters</i> , 2009 , 103, 191801	7.4	32
122	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
121	Evidence for the decay $B_s^0 \rightarrow D_s^{(*)} D_s^{(*)}$ and a measurement of $\Delta\Gamma_{CP}/\Gamma_{CP}$. <i>Physical Review Letters</i> , 2009 , 102, 091801	7.4	11
120	Measurement of the $Z\gamma \rightarrow \nu\bar{\nu}\gamma$ production cross section and limits on anomalous $ZZ\gamma$ 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
119	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
118	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
117	Measurement of the W boson mass. <i>Physical Review Letters</i> , 2009 , 103, 141801	7.4	35
116	Search for dark photons from supersymmetric hidden valleys. <i>Physical Review Letters</i> , 2009 , 103, 081802	7.4	25
115	Search for the standard model Higgs boson in tau final states. <i>Physical Review Letters</i> , 2009 , 102, 251801	7.4	14
114	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

113	Search for resonant diphoton production with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 231801	7.4	14	29
112	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
111	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
110	Observation of single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092001	7.4		172
109	Search for anomalous top-quark couplings with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 092002	7.4		18
108	Measurement of the semileptonic branching ratio of B_{s1}^0 to an orbitally excited D_{s1}^{*+} state: $Br(B_{s1}^0 \rightarrow D_{s1}^{*+} \mu^+ \nu_\mu)$. <i>Physical Review Letters</i> , 2009 , 102, 051801	7.4		25
107	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
106	A novel method for modeling the recoil in W boson events at hadron colliders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 609, 250-262	1.2		5
105	Measurement of $\langle\sigma\rangle Br(Z \rightarrow \mu\mu)$ 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
104	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
103	Relative rates of B meson decays into χ_{c0} and J/ψ mesons. <i>Physical Review D</i> , 2009 , 79,	4.9		4
102	Search for charged Higgs bosons in decays of top quarks. <i>Physical Review D</i> , 2009 , 80,	4.9		20
101	Measurement of the top quark mass in final states with two leptons. <i>Physical Review D</i> , 2009 , 80,	4.9		18
100	$ZZ \rightarrow l+l$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9		11
99	Evidence for production of single top quarks. <i>Physical Review D</i> , 2008 , 78,	4.9		69
98	Measurement of the muon charge asymmetry from W boson decays. <i>Physical Review D</i> , 2008 , 77,	4.9		47
97	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
96	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

95	Search for third generation scalar leptoquarks decaying into taub. <i>Physical Review Letters</i> , 2008 , 101, 241802	7.4	21
94	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
93	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
92	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
91	Measurement of B_s^0 mixing parameters from the flavor-tagged decay $B_s^0 \rightarrow J/\psi \pi^0$. <i>Physical Review Letters</i> , 2008 , 101, 241801	7.4	156
90	Observation of the B_c meson in the exclusive decay $B_c \rightarrow J/\psi \pi^0$. <i>Physical Review Letters</i> , 2008 , 101, 012001	7.4	72
89	Measurement of the forward-backward charge asymmetry in top-quark pair production. <i>Physical Review Letters</i> , 2008 , 100, 142002	7.4	183
88	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
87	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
86	Observation of the doubly strange b baryon Ω_{cb}^- . <i>Physical Review Letters</i> , 2008 , 101, 232002	7.4	64
85	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
84	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
83	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
82	Observation and properties of the orbitally excited $B_{(s2)}^*$ meson. <i>Physical Review Letters</i> , 2008 , 100, 082002	7.4	57
81	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
80	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
79	Search for anomalous Wtb couplings in single top quark production. <i>Physical Review Letters</i> , 2008 , 101, 221801	7.4	25
78	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

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76	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
75	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
74	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
73	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
72	Search for flavor-changing-neutral-current d meson decays. <i>Physical Review Letters</i> , 2008 , 100, 101801	7.4	17
71	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
70	Search for ZZ and $Z\gamma^*$ production in pp collisions at square root $s=1.96$ TeV and limits on anomalous ZZZ and $ZZ\gamma^*$ couplings. <i>Physical Review Letters</i> , 2008 , 100, 131801	7.4	27
69	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
68	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
67	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
66	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
65	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
64	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
63	Measurement of differential . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 278-286	4.2	38
62	Measurement of the shape of the boson rapidity distribution for $pp \rightarrow Z/\gamma^* \rightarrow e^+e^- + X$ events produced at s of 1.96 TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	58
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60	Measurement of the $pp \rightarrow WZ+X$ cross section at $s=1.96$ TeV and limits on WWZ trilinear gauge couplings. <i>Physical Review D</i> , 2007 , 76,	4.9	19

59	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
58	Measurement of the tt production cross section in pp collisions at s=1.96 TeV using kinematic characteristics of lepton+jets events. <i>Physical Review D</i> , 2007 , 76,	4.9	49
57	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
56	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
55	Evidence for production of single top quarks and first direct measurement of Vtb . <i>Physical Review Letters</i> , 2007 , 98, 181802	7.4	86
54	Properties of L=1 B(1) and B(2)* mesons. <i>Physical Review Letters</i> , 2007 , 99, 172001	7.4	47
53	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
52	Measurement of the Lambda _b 0 lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2007 , 99, 182001	7.4	18
51	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
50	Measurement of the Lambda _b lifetime in the exclusive decay Lambda _b -> J/psi Lambda. <i>Physical Review Letters</i> , 2007 , 99, 142001	7.4	21
49	Search for techniparticles in e+jets events at D0. <i>Physical Review Letters</i> , 2007 , 98, 221801	7.4	10
48	Measurement of the tt production cross section in pp collisions using dilepton events. <i>Physical Review D</i> , 2007 , 76,	4.9	26
47	Direct observation of the strange b baryon Xi _b ⁻ . <i>Physical Review Letters</i> , 2007 , 99, 052001	7.4	86
46	Measurement of the charge asymmetry in semileptonic Bs0 decays. <i>Physical Review Letters</i> , 2007 , 98, 151801	7.4	23
45	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
44	Study of the decay Bs(0)-->Ds(*)Ds(*). <i>Physical Review Letters</i> , 2007 , 99, 241801	7.4	8
43	Lifetime difference and CP-violating phase in the Bs0 system. <i>Physical Review Letters</i> , 2007 , 98, 121801	7.4	50
42	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

41	Direct limits on the oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 021802	7.4	165
40	Search for associated higgs boson production $WH \rightarrow WWW^* \rightarrow l^+ l^- \nu \mu M / \nu \mu X$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 151804	7.4	13
39	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
38	Measurement of Bd mixing using opposite-side flavor tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	27
37	Search for the standard model Higgs Boson in the $pp \rightarrow ZH \rightarrow \nu \nu \mu \mu$ channel. <i>Physical Review Letters</i> , 2006 , 97, 161803	7.4	12
36	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
35	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 121802	7.4	29
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33	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
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30	Search for the rare decay $B_{s0} \rightarrow \mu \mu$ with the D0 detector. <i>Physical Review D</i> , 2006 , 74,	4.9	11
29	Measurement of the $B_{s(0)}$ lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2006 , 97, 241801	7.4	22
28	The upgraded D 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
27	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 616-622	4.2	12
26	Search for . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 423-431	4.2	26
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24	Measurement of the $pp \rightarrow W X$ cross section at $s=1.96$ TeV and WW anomalous coupling limits. <i>Physical Review D</i> , 2005 , 71,	4.9	19

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22	Measurement of the $\sigma_{pp \rightarrow Z}(\text{jet})$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 45-54	4.2	28
21	Search for 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> , 2005 , 622, 265-276	4.2	31
20	Measurement of the Λ_b lifetime in the decay $\Lambda_b \rightarrow J/\psi \Lambda$ with the D0 detector. <i>Physical Review Letters</i> , 2005 , 94, 102001	7.4	16
19	Measurement of the lifetime difference in the $B_0(s)$ system. <i>Physical Review Letters</i> , 2005 , 95, 171801	7.4	11
18	Measurement of the WW production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 151801	7.4	27
17	Measurement of dijet azimuthal decorrelations at central rapidities in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 221801	7.4	64
16	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
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14	Measurement of the B_0 lifetime in the exclusive decay channel $B_0 \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 2005 , 94, 042001	7.4	15
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12	Measurement of the ratio of B^+ and B_0 meson lifetimes. <i>Physical Review Letters</i> , 2005 , 94, 182001	7.4	13
11	Measurement of semileptonic branching fractions of B mesons to narrow D^{**} states. <i>Physical Review Letters</i> , 2005 , 95, 171803	7.4	18
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8	Search for neutral supersymmetric Higgs Bosons in multijet events at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 151801	7.4	40
7	Search for anomalous heavy-flavor quark production in association with W bosons. <i>Physical Review Letters</i> , 2005 , 94, 152002	7.4	5
6	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

5	Search for large extra spatial dimensions in dimuon production with the d0 detector. <i>Physical Review Letters</i> , 2005 , 95, 161602	7.4	26
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1	Measurement of internal jet structure in dijet production in deep-inelastic scattering at HERA. <i>Nuclear Physics B</i> , 1999 , 545, 3-20	2.8	25