

# M-C Cousinou

## List of Publications by Citations

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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	The upgraded DØ detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 565, 463-537	1.2	465
273	Observation and properties of the X(3872) decaying to J/ψπ <sup>+</sup> π <sup>-</sup> in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 162002	7.4	408
272	Measurement of the forward-backward charge asymmetry in top-quark pair production. <i>Physical Review Letters</i> , <b>2008</b> , 100, 142002	7.4	183
271	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> , <b>2012</b> , 109, 071804	7.4	175
270	Observation of single top-quark production. <i>Physical Review Letters</i> , <b>2009</b> , 103, 092001	7.4	172
269	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	170
268	Direct limits on the oscillation frequency. <i>Physical Review Letters</i> , <b>2006</b> , 97, 021802	7.4	165
267	Measurement of Bs <sup>0</sup> mixing parameters from the flavor-tagged decay Bs <sup>0</sup> →J/ψφ. <i>Physical Review Letters</i> , <b>2008</b> , 101, 241801	7.4	156
266	Measurement of the inclusive jet cross section in pp collisions at square root [s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 062001	7.4	148
265	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	123
264	Double parton interactions in 3 jet events in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	119
263	Evidence for a B <sub>s</sub> <sup>0</sup> state. <i>Physical Review Letters</i> , <b>2016</b> , 117, 022003	7.4	110
262	Combination of Tevatron searches for the standard model Higgs boson in the W+W- decay mode. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061802	7.4	104
261	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	104
260	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081801	7.4	89
259	b-Jet identification in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 620, 490-517	1.2	87
258	Evidence for production of single top quarks and first direct measurement of  V <sub>tb</sub>  . <i>Physical Review Letters</i> , <b>2007</b> , 98, 181802	7.4	86

257	Direct observation of the strange b baryon $\Xi_b^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 052001	7.4	86
256	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> , <b>2008</b> , 100, 102002	7.4	83
255	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	73
254	Observation of the $B_c$ meson in the exclusive decay $B_c \rightarrow J/\psi \pi$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 012001	7.4	72
253	Measurement of the CP-violating phase $\arg(V_{cb} V_{ub}^*)$ using the flavor-tagged decay $B_s^0 \rightarrow J/\psi \pi$ in 8 fb $^{-1}$ of $pp$ collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	70
252	Evidence for production of single top quarks. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	69
251	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> , <b>2009</b> , 103, 191803	7.4	68
250	Measurement of the W boson mass with the D0 detector. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151804	7.4	67
249	Observation of the doubly strange b baryon $\Omega_{cb}^-$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 232002	7.4	64
248	Measurement of dijet azimuthal decorrelations at central rapidities in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221801	7.4	64
247	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> , <b>2004</b> , 93, 141801	7.4	63
246	Search for the $X(4140)$ state in $B^+ \rightarrow J/\psi K^+$ decays with the D0 detector. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	59
245	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> , <b>2009</b> , 680, 34-43	4.2	58
244	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> , <b>2007</b> , 76,	4.9	58
243	Observation and properties of the orbitally excited $B_{(s2)}^*$ meson. <i>Physical Review Letters</i> , <b>2008</b> , 100, 082002	7.4	57
242	Bounds on an anomalous dijet resonance in $W$ +jets production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 011804	7.4	54
241	Improved determination of the width of the top quark. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	53
240	Search for next-to-minimal supersymmetric Higgs bosons in the $h \rightarrow a a \rightarrow \mu\mu\mu\mu$ , $\mu\mu\tau\tau$ channels using $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 061801	7.4	52

239	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb <sup>-1</sup> of pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 695, 88-94	4.2	52
238	Lifetime difference and CP-violating phase in the Bs0 system. <i>Physical Review Letters</i> , <b>2007</b> , 98, 121801	7.4	50
237	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> , <b>2007</b> , 76,	4.9	49
236	Measurement of the electron charge asymmetry in pp[over ]-->W+X-->enu+X events at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 211801	7.4	48
235	Measurement of the polarization of the upsilon(1S) and upsilon(2S) states in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 182004	7.4	48
234	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	47
233	Measurement of the inclusive jet cross section in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	47
232	Measurement of the muon charge asymmetry from W boson decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	47
231	Properties of L=1 B(1) and B(2)* mesons. <i>Physical Review Letters</i> , <b>2007</b> , 99, 172001	7.4	47
230	Measurement of the forward-backward asymmetry in top quark-antiquark production in pp collisions using the lepton+jets channel. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	46
229	Search for long-lived charged massive particles with the D0 detector. <i>Physical Review Letters</i> , <b>2009</b> , 102, 161802	7.4	46
228	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> , <b>2011</b> , 84,	4.9	45
227	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb <sup>-1</sup> of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 693, 81-87	4.2	45
226	Search for W boson resonances decaying to a top quark and a bottom quark. <i>Physical Review Letters</i> , <b>2008</b> , 100, 211803	7.4	44
225	Measurement of inclusive differential cross sections for pp collisions at (square root)s = 1.96 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 232001	7.4	44
224	Precise study of the Z/gamma boson transverse momentum distribution in pp collisions using a novel technique. <i>Physical Review Letters</i> , <b>2011</b> , 106, 122001	7.4	43
223	Search for pair production of doubly charged Higgs bosons in the H++H- -->mu+ mu+ mu- mu- final state. <i>Physical Review Letters</i> , <b>2008</b> , 101, 071803	7.4	43
222	Search for large extra dimensions via single photon plus missing energy final states at sqrt s = 1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 011601	7.4	43

221	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	43
220	Search for production of single top quarks via t <sub>cg</sub> and t <sub>ug</sub> flavor-changing-neutral-current couplings. <i>Physical Review Letters</i> , <b>2007</b> , 99, 191802	7.4	43
219	Measurement of the lifetime of the B <sub>c</sub> <sup>+/-</sup> meson in the semileptonic decay channel. <i>Physical Review Letters</i> , <b>2009</b> , 102, 092001	7.4	42
218	Search for W <sup>±</sup> →tb resonances with left- and right-handed couplings to fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 145-150	4.2	42
217	Measurement of the tt <sup>±</sup> production cross section in pp <sup>±</sup> collisions at s=1.96 TeV using secondary vertex b tagging. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	42
216	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231803	7.4	40
215	Model-independent measurement of t-channel single top quark production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 705, 313-319	4.2	40
214	Measurement of the CP-violation parameter of B <sub>0</sub> mixing and decay with pp <sup>±</sup> → $\bar{X}$ data. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	40
213	Search for neutral supersymmetric Higgs Bosons in multijet events at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 151801	7.4	40
212	Precision measurement of the top quark mass in lepton + jets final States. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032002	7.4	39
211	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	39
210	Search for scalar bottom quarks and third-generation leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 693, 95-101	4.2	39
209	Search for W bosons decaying to an electron and a neutrino with the D0 detector. <i>Physical Review Letters</i> , <b>2008</b> , 100, 031804	7.4	39
208	Measurement of the semileptonic charge asymmetry in B <sub>0</sub> meson mixing with the D0 detector. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	38
207	Measurement of the normalized . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 693, 522-530	4.2	38
206	Measurement of differential . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 669, 278-286	4.2	38
205	Measurement of gamma+b+X and gamma+c+X Production Cross Sections in pp <sup>±</sup> Collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 192002	7.4	37
204	Measurement of the semileptonic charge asymmetry using B <sub>s</sub> (0) → D <sub>s</sub> $\bar{X}$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 011801	7.4	36

203	Measurement of the t-channel single top quark production cross section. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 682, 363-369	4.2	36
202	Measurement of the W boson mass. <i>Physical Review Letters</i> , <b>2009</b> , 103, 141801	7.4	35
201	Search for stopped gluinos from pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131801	7.4	35
200	Measurement of angular correlations of jets at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 56-63	4.2	34
199	Precision measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and extraction of $V_{tb}$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 121802	7.4	33
198	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> , <b>2010</b> , 690, 108-117	4.2	33
197	Model-independent measurement of the W-boson helicity in top-quark decays at D0. <i>Physical Review Letters</i> , <b>2008</b> , 100, 062004	7.4	33
196	Inclusive Production of the X(4140) State in pp Collisions at D0. <i>Physical Review Letters</i> , <b>2015</b> , 115, 232001	7.4	32
195	Study of CP-violating charge asymmetries of single muons and like-sign dimuons in pp collisions. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32
194	Search for Randall-Sundrum gravitons in the dielectron and diphoton final states with $5.4 \text{ fb}^{-1}$ of data from pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 241802	7.4	32
193	Precise measurement of the top-quark mass from lepton+jets events at D0. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	32
192	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> , <b>2009</b> , 103, 191801	7.4	32
191	Evidence for Simultaneous Production of $J/\psi$ and $\eta$ Mesons. <i>Physical Review Letters</i> , <b>2016</b> , 116, 082002	7.4	31
190	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 32-39	4.2	31
189	Search for Higgs boson production in dilepton and missing energy final states with $5.4 \text{ fb}^{-1}$ of pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061804	7.4	31
188	Search for Higgs bosons decaying to tau pairs in pp over collisions with the D0 detector. <i>Physical Review Letters</i> , <b>2008</b> , 101, 071804	7.4	31
187	Search for 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> , <b>2005</b> , 622, 265-276	4.2	31
186	Evidence for s-channel single top quark production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 656-664	4.2	30

185	Measurement of the differential $\mu$ c-jet cross section and the ratio of differential $\mu$ c and $\mu$ 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> , <b>2013</b> , 719, 354-361	4.2	30
184	Measurement of leptonic asymmetries and top-quark polarization in $tt$ production. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	30
183	Determination of the width of the top quark. <i>Physical Review Letters</i> , <b>2011</b> , 106, 022001	7.4	30
182	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> , <b>2008</b> , 100, 241805	7.4	30
181	Search for Randall-Sundrum gravitons in dilepton and diphoton final states. <i>Physical Review Letters</i> , <b>2005</b> , 95, 091801	7.4	30
180	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> , <b>2012</b> , 85,	4.9	29
179	Search for resonant diphoton production with the D0 detector. <i>Physical Review Letters</i> , <b>2009</b> , 102, 231801	7.4	29
178	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> , <b>2011</b> , 698, 97-104	4.2	29
177	Search for flavor changing neutral currents in decays of top quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 701, 313-320	4.2	29
176	Combined search for the standard model Higgs boson decaying to $bb$ using the D0 run II data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 121802	7.4	29
175	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> , <b>2008</b> , 100, 192003	7.4	29
174	Search for supersymmetry in di-photon final states at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 659, 856-863	4.2	29
173	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 121802	7.4	29
172	Measurements of single top quark production cross sections and $ V_{tb} $ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	28
171	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> , <b>2009</b> , 102, 051601	7.4	28
170	Search for charged higgs bosons decaying into top and bottom quarks in pp collisions. <i>Physical Review Letters</i> , <b>2009</b> , 102, 191802	7.4	28
169	Search for pair production of scalar bottom quarks in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 171806	7.4	28
168	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 626, 45-54	4.2	28



167	Limits on anomalous trilinear gauge boson couplings from WW, WZ and W $\gamma$ production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 451-459	4.2	27
166	Search for anomalous quartic WW $\gamma\gamma$ couplings in dielectron and missing energy final states in pp $\gamma\gamma$ collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	27
165	Measurement of the WZ and ZZ production cross sections using leptonic final states in 8.6 fb $\gamma\gamma$ of pp $\gamma\gamma$ collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	27
164	Measurement of Z/ $\gamma$ +jet+X angular distributions in pp $\gamma\gamma$ collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 682, 370-380	4.2	27
163	Measurement of the forward-backward charge asymmetry and extraction of sin <sup>2</sup> theta <sub>W</sub> in pp $\gamma\gamma$ →Z/ $\gamma$ * + X→e <sup>+</sup> e <sup>-</sup> + X events produced at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 191801	7.4	27
162	Search for ZZ and Z $\gamma$ * production in pp $\gamma\gamma$ collisions at square root s=1.96 TeV and limits on anomalous ZZZ and ZZ $\gamma$ * couplings. <i>Physical Review Letters</i> , <b>2008</b> , 100, 131801	7.4	27
161	Combined D0 measurements constraining the CP-violating phase and width difference in the Bs0 system. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	27
160	Measurement of Bd mixing using opposite-side flavor tagging. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	27
159	Measurement of the WW production cross section in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 151801	7.4	27
158	Measurement of the electron charge asymmetry in pp $\gamma\gamma$ →W+X→e $\gamma$ X decays in pp $\gamma\gamma$ collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	26
157	Search for CP violation in Bs0→ $\mu$ Ds $\gamma$ decays in pp $\gamma\gamma$ collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	26
156	Measurement of the tt $\gamma\gamma$ production cross section in pp $\gamma\gamma$ collisions using dilepton events. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	26
155	Search for . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 641, 423-431	4.2	26
154	Search for large extra spatial dimensions in dimuon production with the d0 detector. <i>Physical Review Letters</i> , <b>2005</b> , 95, 161602	7.4	26
153	Search for dark photons from supersymmetric hidden valleys. <i>Physical Review Letters</i> , <b>2009</b> , 103, 081802	7.4	25
152	Measurement of the semileptonic branching ratio of B <sub>s</sub> <sup>0</sup> to an orbitally excited D <sub>s</sub> <sup>1</sup> state: Br(B <sub>s</sub> <sup>0</sup> →D <sub>s</sub> <sup>1</sup> (2536) $\mu$ <sup>+</sup> $\nu$ X). <i>Physical Review Letters</i> , <b>2009</b> , 102, 051801	7.4	25
151	Search for anomalous Wtb couplings in single top quark production. <i>Physical Review Letters</i> , <b>2008</b> , 101, 221801	7.4	25
150	Measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 23-30	4.2	25



149	Measurement of internal jet structure in dijet production in deep-inelastic scattering at HERA. <i>Nuclear Physics B</i> , <b>1999</b> , 545, 3-20	2.8	25
148	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> , <b>2014</b> , 737, 281-294	1.2	24
147	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> , <b>2009</b> , 670, 292-299	4.2	24
146	Search for doubly charged Higgs boson pair production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 021801	7.4	24
145	Measurement of the differential cross section for the production of an isolated photon with associated jet in $e^+e^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 435-445	4.2	24
144	Search for neutral, long-lived particles decaying into two muons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 161802	7.4	24
143	Measurement of the muon charge asymmetry in $pp \rightarrow W+X \rightarrow \mu X$ events at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	23
142	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> , <b>2015</b> , 115, 152003	7.4	23
141	Combination of searches for anomalous top quark couplings with $5.4\text{fb}^{-1}$ of $pp$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 165-171	4.2	23
140	Search for diphoton events with large missing transverse energy in $6.3\text{fb}^{-1}$ of $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 221802	7.4	23
139	$Z\tau$ production and limits on anomalous $ZZ\tau$ and $Z\tau\tau$ couplings in $e^+e^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 653, 378-386	4.2	23
138	Measurement of the charge asymmetry in semileptonic $B_s^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 151801	7.4	23
137	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> , <b>2012</b> , 708, 21-26	4.2	22
136	Measurement of the $B_s(0)$ lifetime using semileptonic decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 241801	7.4	22
135	Search for $Wbb$ and $WH$ production in $pp$ collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 091802	7.4	22
134	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 $L=5.0\text{fb}^{-1}$ at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	21
133	Search for third generation scalar leptoquarks decaying into $\tau\text{aub}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 241802	7.4	21
132	Search for third-generation scalar leptoquarks in $pp$ at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 061801	7.4	21

131	Measurement of the Lambda b lifetime in the exclusive decay Lambda b --> J/psi Lambda. <i>Physical Review Letters</i> , <b>2007</b> , 99, 142001	7.4	21
130	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> , <b>2014</b> , 763, 442-475 <sup>1.2</sup>	1.2	20
129	Search for the standard model Higgs boson in the ZH->bb 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> , <b>2012</b> , 716, 285-293	4.2	20
128	Search for charged Higgs bosons in decays of top quarks. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	20
127	Measurement of the WZ->bb 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> , <b>2011</b> , 695, 67-73	4.2	20
126	Search for violation of Lorentz invariance in top quark pair production and decay. <i>Physical Review Letters</i> , <b>2012</b> , 108, 261603	7.4	20
125	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> , <b>2008</b> , 100, 091802	7.4	20
124	Measurement of sigma(pp->Z)Br(Z->bb) at s=1.96 TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	20
123	Search for supersymmetry via associated production of charginos and neutralinos in final states with three leptons. <i>Physical Review Letters</i> , <b>2005</b> , 95, 151805	7.4	20
122	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> , <b>2014</b> , 750, 78-95	1.2	19
121	Z production and limits on anomalous ZZ and Z couplings in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
120	Measurement of the pp->WZ+X cross section at s=1.96 TeV and limits on WWZ trilinear gauge couplings. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	19
119	Search for the Higgs boson in H --> WW(*) decays in pp collisions at square root of 1.96 TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 011801	7.4	19
118	Measurement of the pp->W+X cross section at s=1.96 TeV and WW anomalous coupling limits. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	19
117	Measurement of the ratio of inclusive cross sections sigma(pp --> Z + b jet)/sigma(pp --> Z + jet) at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 161801	7.4	19
116	Simultaneous measurement of forward-backward asymmetry and top polarization in dilepton final states from tt production at the Tevatron. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	18
115	Measurement of the forward-backward asymmetry in the distribution of leptons in tt events in the lepton+jet channel. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	18
114	Search for events with leptonic jets and missing transverse energy in pp collisions at sqrt(s)=1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 211802	7.4	18

113	Search for associated W and Higgs Boson production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 051803	7.4	18
112	Search for anomalous top-quark couplings with the D0 detector. <i>Physical Review Letters</i> , <b>2009</b> , 102, 092002	7.4	18
111	Search for Resonant WW and WZ Production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 011801	7.4	18
110	W production and limits on anomalous WW couplings in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 241803	7.4	18
109	Measurement of the top quark mass in final states with two leptons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	18
108	Search for long-lived particles decaying into electron or photon pairs with the D0 detector. <i>Physical Review Letters</i> , <b>2008</b> , 101, 111802	7.4	18
107	Measurement of the $\Lambda_b^0$ lifetime using semileptonic decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 182001	7.4	18
106	Measurement of semileptonic branching fractions of B mesons to narrow $D^{**}$ states. <i>Physical Review Letters</i> , <b>2005</b> , 95, 171803	7.4	18
105	Study of the $X_B(5568)$ state with semileptonic decays of the $B_s^0$ meson. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	18
104	Measurements of WW and WZ production in W + jets final states in pp collisions. <i>Physical Review Letters</i> , <b>2012</b> , 108, 181803	7.4	17
103	Search for sneutrino production in e final states in 5.3 fb <sup>-1</sup> of pp collisions at square root s =1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 191802	7.4	17
102	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> , <b>2009</b> , 102, 201802	7.4	17
101	Measurement of the $B^0$ lifetime in the exclusive decay $B^0 \rightarrow J/\psi D$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	17
100	Study of direct CP violation in $B^{(\pm)} \rightarrow J/\psi K^{(\pm)}(\pi^{(\pm)})$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 211802	7.4	17
99	Search for flavor-changing-neutral-current d meson decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 101801	7.4	17
98	Evidence for $Z_c(3900)$ in semi-inclusive decays of b-flavored hadrons. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	17
97	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> , <b>2014</b> , 763, 290-303	1.2	16
96	Studies of W boson plus jets production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	16

95	Combined search for the Higgs boson with the D0 experiment. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	16
94	Search for a resonance decaying into WZ boson pairs in pp collisions. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061801	7.4	16
93	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> , <b>2011</b> , 698, 6-13	4.2	16
92	Search for charged massive long-lived particles. <i>Physical Review Letters</i> , <b>2012</b> , 108, 121802	7.4	16
91	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	16
90	Observation of ZZ production in p-p collisions at sqrt s=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 171803	7.4	16
89	Measurement of the Lambda0b lifetime in the decay lambda0b--> J/psiLambda0 with the D0 detector. <i>Physical Review Letters</i> , <b>2005</b> , 94, 102001	7.4	16
88	Search for Higgs bosons of the minimal supersymmetric standard model in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 710, 569-577	4.2	15
87	Search for the standard model higgs Boson in the ZH-->nunubb channel in 5.2 fb{-1} of pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 071801	7.4	15
86	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> , <b>2009</b> , 102, 161801	7.4	15
85	Measurement of the production fraction times branching fraction f(b->B)B(B->J/psi) <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
84	Search for a fermiophobic and standard model Higgs boson in diphoton final states. <i>Physical Review Letters</i> , <b>2011</b> , 107, 151801	7.4	15
83	Search for the standard model Higgs boson in ZH->(+)()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> , <b>2012</b> , 109, 121803	7.4	15
82	Search for decay of a fermiophobic Higgs boson hf-->gammagamma with the D0 detector at sqrt s=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 051801	7.4	15
81	Search for neutral Higgs bosons in multi-b-jet events in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 221802	7.4	15
80	Multivariate searches for single top quark production with the D0 detector. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	15
79	A combined search for the standard model Higgs boson at s=1.96TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 663, 26-36	4.2	15
78	Study of Zgamma events and limits on anomalous ZZgamma and Zgammagamma couplings in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 051802	7.4	15

77	Measurement of the B0s lifetime in the exclusive decay channel $B_0^s \rightarrow J/\psi \pi^0$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 042001	7.4	15
76	Search for supersymmetry with gauge-mediated breaking in diphoton events at D0. <i>Physical Review Letters</i> , <b>2005</b> , 94, 041801	7.4	15
75	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	15
74	Measurement of the differential cross sections for isolated direct photon pair production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 6-14	4.2	14
73	Precision measurement of the top-quark mass in lepton+jets final states. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	14
72	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> , <b>2014</b> , 112, 042001	7.4	14
71	Measurement of the W boson production charge asymmetry in $pp \rightarrow W+X \rightarrow e\mu X$ events at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2014</b> , 112, 151803	7.4	14
70	Search for $ZH \rightarrow l^+ l^- b\bar{b}$ production in $4.2 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 251801	7.4	14
69	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	14
68	Search for the standard model Higgs boson in tau final states. <i>Physical Review Letters</i> , <b>2009</b> , 102, 251801	7.4	14
67	Measurement of color flow in $t\bar{t}$ events from $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	14
66	Search for scalar neutrino superpartners in $e+\mu$ final states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 241803	7.4	14
65	Measurement of the ratio of differential cross sections $(\frac{d\sigma}{dp_T}(\text{pp} \rightarrow Z+b \text{ jet})/(\frac{d\sigma}{dp_T}(\text{pp} \rightarrow Z+\text{jet}))$ in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
64	Measurement of three-jet differential cross sections $d^3\sigma_{\text{jet}}/dM_{3\text{jet}}$ in $pp$ collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 704, 434-441	4.2	13
63	Measurement of the ratio of inclusive cross sections $(\sigma(\text{pp} \rightarrow Z+b \text{ quark jet})/\sigma(\text{pp} \rightarrow Z+\text{jet}))$ at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	13
62	Search for the standard model Higgs boson in associated WH production in $9.7 \text{ fb}^{-1}$ of pp collisions with the D0 detector. <i>Physical Review Letters</i> , <b>2012</b> , 109, 121804	7.4	13
61	Search for associated higgs boson production $WH \rightarrow WWW^* \rightarrow l^+/- \nu_{lM}/-\nu_{lX}$ in pp collisions at square root $s=1.96$ Te V. <i>Physical Review Letters</i> , <b>2006</b> , 97, 151804	7.4	13
60	Measurement of the ratio of B+ and B0 meson lifetimes. <i>Physical Review Letters</i> , <b>2005</b> , 94, 182001	7.4	13

59	Search for Higgs bosons decaying to $\tau\tau$ pairs in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 323-329	4.2	12
58	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow e^+e^-$ Events. <i>Physical Review Letters</i> , <b>2015</b> , 115, 041801	7.4	12
57	Measurement of the ZZ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
56	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> , <b>2009</b> , 80,	4.9	12
55	Search for the standard model Higgs Boson in the $pp \rightarrow ZH \rightarrow \nu\nu b\bar{b}$ channel. <i>Physical Review Letters</i> , <b>2006</b> , 97, 161803	7.4	12
54	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 616-622	4.2	12
53	Measurement of direct CP violation parameters in $B_{\pm} \rightarrow J/\psi K_{\pm}$ and $B_{\pm} \rightarrow J/\psi$ decays with $10.4 \text{ fb}^{-1}$ of Tevatron data. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241801	7.4	11
52	Measurement of the angular and lifetime parameters of the decays $B_{d0} \rightarrow J/\psi K^*0$ and $B_{s0} \rightarrow J/\psi \phi$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 032001	7.4	11
51	Evidence for the decay $B_{s0} \rightarrow D_s^* D_s^*$ and a measurement of $\Delta\Gamma_{CP}/\Gamma_{CP}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 091801	7.4	11
50	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> , <b>2009</b> , 102, 051804	7.4	11
49	Search for single top quarks in the $\tau$ + jets channel using $4.8 \text{ fb}^{-1}$ of $pp$ collision data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 690, 5-14	4.2	11
48	$ZZ \rightarrow l+l$ production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
47	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> , <b>2007</b> , 655, 209-216	4.2	11
46	Search for the rare decay $B_{s0} \rightarrow \tau\mu$ with the D0 detector. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	11
45	Measurement of the lifetime difference in the $B_0(s)$ system. <i>Physical Review Letters</i> , <b>2005</b> , 95, 171801	7.4	11
44	Measurement of the forward-backward asymmetry in the production of $B(\bar{B})$ mesons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 051803	7.4	10
43	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> , <b>2010</b> , 104, 151801	7.4	10
42	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> , <b>2011</b> , 107, 121801	7.4	10



41	Search for techniparticles in e+jets events at D0. <i>Physical Review Letters</i> , <b>2007</b> , 98, 221801	7.4	10
40	Production of WZ events in pp collisions at square root(s) = 1.96 TeV and limits on anomalous WWZ couplings. <i>Physical Review Letters</i> , <b>2005</b> , 95, 141802	7.4	10
39	Measurement of the combined rapidity and . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 721, 212-219	4.2	9
38	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> , <b>2012</b> , 714, 237-245	4.2	9
37	Measurement of the differential cross section of photon plus jet production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	9
36	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> , <b>2013</b> , 88,	4.9	9
35	Direct measurement of the W boson width. <i>Physical Review Letters</i> , <b>2009</b> , 103, 231802	7.4	9
34	Search for associated Higgs boson production using like charge dilepton events in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	9
33	Properties of Zc(3900) produced in pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	8
32	Search for the standard model Higgs boson in jets final states in 9.7 fb of pp collisions with the D0 detector. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
31	Search for new fermions ("quirks") at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , <b>2010</b> , 105, 211803	7.4	8
30	Search for the standard model Higgs boson in the H->WW->ll decay channel. <i>Physical Review Letters</i> , <b>2011</b> , 106, 171802	7.4	8
29	Study of the decay Bs(0)-->Ds(*)Ds(*). <i>Physical Review Letters</i> , <b>2007</b> , 99, 241801	7.4	8
28	Limits on anomalous trilinear gauge couplings from WW->e+e- and WW->e+e- events from pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
27	Measurement of the distribution of muon pairs with masses between 30 and 500 GeV in 10.4 fb of pp collisions. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
26	Measurement of the ratio of three-jet to two-jet cross sections in pp collisions at s=1.96TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 720, 6-12	4.2	7
25	Search for a Higgs boson in diphoton final states with the D0 detector in 9.6 fb of pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
24	Search for charged massive long-lived particles at s=1.96 TeV. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	7



23	Search for $Z\bar{\nu}\nu$ events with large missing transverse energy in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	7
22	Search for Violation of CPT and Lorentz Invariance in $B_s(0)$ Meson Oscillations. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161601	7.4	6
21	Measurement of the differential $\#2b$ -jet cross section and the ratio $(\#2b\text{-jets})/(\#b\text{-jet})$ in $pp$ collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 737, 357-365	4.2	6
20	Search for Higgs boson production in oppositely charged dilepton and missing energy final states in $9.7$ fb $^{-1}$ of $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	6
19	Search for WH associated production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	6
18	Measurement of the $B(s)(0)$ lifetime in the flavor-specific decay channel $B(s)(0)\rightarrow D(s)(-)\ell^+\bar{\nu}_\ell$ . <i>Physical Review Letters</i> , <b>2015</b> , 114, 062001	7.4	5
17	Constraints on models for the Higgs boson with exotic spin and parity in $VH \rightarrow Vbb$ final states. <i>Physical Review Letters</i> , <b>2014</b> , 113, 161802	7.4	5
16	Model independent search for new phenomena in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	5
15	Search for the Higgs boson in lepton, tau, and jets final states. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	5
14	Search for $ZH\rightarrow\#bb$ production in $9.7$ fb $^{-1}$ of $pp$ collisions with the D0 detector. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	5
13	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> , <b>2009</b> , 609, 250-262	1.2	5
12	Search for universal extra dimensions in $pp$ collisions. <i>Physical Review Letters</i> , <b>2012</b> , 108, 131802	7.4	5
11	Search for anomalous heavy-flavor quark production in association with W bosons. <i>Physical Review Letters</i> , <b>2005</b> , 94, 152002	7.4	5
10	$B_s0$ lifetime measurement in the CP-odd decay channel $B_s0\rightarrow J/\psi\phi(980)$ . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	5
9	Measurement of the direct CP-violating parameter ACP in the decay $D^+\rightarrow K\#$ . <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	4
8	Search for Higgs boson production in trilepton and like-charge electron-muon final states with the D0 detector. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4
7	Relative rates of B meson decays into $\psi(2S)$ and $J/\psi$ mesons. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	4
6	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> , <b>2015</b> , 114, 151802	7.4	3

5	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow \ell^+ \ell^-$ Events. <i>Physical Review Letters</i> , <b>2018</b> , 120, 241802	7-4	3
4	Measurement of the direct CP-violating charge asymmetry in $D_s \rightarrow \tau \mu$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111804	7-4	3
3	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> , <b>2012</b> , 86,	4-9	3
2	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 $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	2
1	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> , <b>2008</b> , 101, 251802	7-4	1