

M-C Cousinou

List of Publications by Year in descending order

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Version: 2024-02-01

275
papers

10,766
citations

36271

51
h-index

54882

84
g-index

278
all docs

278
docs citations

278
times ranked

7329
citing authors

#	ARTICLE	IF	CITATIONS
1	The upgraded D \bar{A} detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 463-537.	0.7	549
2	Observation and Properties of the X(3872) Decaying to $J/\psi + \psi(2S)$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 162002.	2.9	494
3	Measurement of the Forward-Backward Charge Asymmetry in Top-Quark Pair Production. Physical Review Letters, 2008, 100, 142002.	2.9	210
4	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. Physical Review Letters, 2012, 109, 071804.	2.9	201
5	Observation of Single Top-Quark Production. Physical Review Letters, 2009, 103, 092001.	2.9	199
6	Measurement of the Inclusive Jet Cross Section in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 062001.	2.9	191
7	Forward-backward asymmetry in top quark-antiquark production. Physical Review D, 2011, 84, .	1.6	188
8	Measurement of $B_s \rightarrow B^0 \mu^+ \mu^-$ Parameters from the Flavor-Tagged Decay $B_s \rightarrow B^0 \mu^+ \mu^-$. Physical Review Letters, 2008, 101, 241801.	2.9	173
9	Direct Limits on the $B_s \rightarrow B^0$ Oscillation Frequency. Physical Review Letters, 2006, 97, 021802.	2.9	172
10	Double parton interactions in $B_s \rightarrow B^0 \mu^+ \mu^-$ jet events in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 241801.	1.6	144
11	Evidence for a $B_s \rightarrow B^0 \mu^+ \mu^-$ Physical Review Letters, 2016, 117, 022003.	2.9	139
12	Evidence for an anomalous like-sign dimuon charge asymmetry. Physical Review D, 2010, 82, .	1.6	127
13	Combination of Tevatron Searches for the Standard Model Higgs Boson in the $W \rightarrow W \mu^+ \mu^-$ Mode. Physical Review Letters, 2010, 104, 061802.	2.9	114
14	Measurement of the Shape of the Boson-Transverse Momentum Distribution in $B_s \rightarrow B^0 \mu^+ \mu^-$ Physical Review Letters, 2008, 100, 102002.	2.9	110
15	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
16	Evidence for an Anomalous Like-Sign Dimuon Charge Asymmetry. Physical Review Letters, 2010, 105, 081801.	2.9	108
17	Measurement of the $W \rightarrow W \mu^+ \mu^-$ Boson Mass with the D0 Detector. Physical Review Letters, 2012, 108, 151804.	2.9	104
18	Measurement of the shape of the boson rapidity distribution for $B_s \rightarrow B^0 \mu^+ \mu^-$ Physical Review D, 2007, 76, .	1.6	101

#	ARTICLE	IF	CITATIONS
19	Evidence for Production of Single Top Quarks and First Direct Measurement of $ V_{tb} $. Physical Review Letters, 2007, 98, 181802.	2.9	100
20	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	1.6	98
21	Direct Observation of the Strange Baryon Λ_c^+ . Physical Review Letters, 2007, 99, 052001.	2.9	93
22	b-Jet identification in the D0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 490-517.	0.7	92
23	Observation of the B_c Meson in the Exclusive Decay $B_c \rightarrow J/\psi \gamma$. Physical Review Letters, 2007, 99, 052001.	2.9	83
24	Measurement of Dijet Angular Distributions at $\sqrt{s} = 1.96$ TeV Searches for Quark Compositeness and Extra Spatial Dimensions. Physical Review Letters, 2009, 103, 191803.	2.9	81
25	Searches for Quark Compositeness and Extra Spatial Dimensions. Physical Review Letters, 2009, 103, 191803.	1.6	81
26	Evidence for production of single top quarks. Physical Review D, 2008, 78, .	1.6	79
27	Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 221801.	2.9	76
28	Measurement of the $C\!-\!P$ -violating phase $\arg(V_{cb}V_{ub}^*)$ in the flavor-tagged decay $B \rightarrow J/\psi K^0$. Physical Review Letters, 2005, 94, 221801.	1.6	75
29	Observation of the Doubly Strange Baryon Λ_c^+ . Physical Review Letters, 2007, 99, 052001.	2.9	74
30	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. Physical Review D, 2014, 89, .	1.6	69
31	Measurement of the W Boson Mass. Physical Review Letters, 2009, 103, 141801.	2.9	66
32	Combination of CDF and D0 W -Boson mass measurements. Physical Review D, 2013, 88, .	1.6	66
33	Search for Doubly Charged Higgs Boson Pair Production in the Decay $t \rightarrow W^+ W^+ b$ in $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 141801.	2.9	64
34	Measurement of the Electron Charge Asymmetry in $p\bar{p} \rightarrow W^+ W^+ b$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 141801.	2.9	64
35	Measurement of the forward-backward asymmetry in top quark-antiquark production in $p\bar{p} \rightarrow W^+ W^+ b$ collisions using the $W \rightarrow e^+ e^-$ decay. Physical Review Letters, 2008, 101, 141801.	1.6	64
36	Measurement of the forward-backward asymmetry in top quark-antiquark production in $p\bar{p} \rightarrow W^+ W^+ b$ collisions using the $W \rightarrow e^+ e^-$ decay. Physical Review Letters, 2008, 101, 141801.	1.6	64

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37	Observation and Properties of the Orbitally Excited Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	63
38	Precise Study of the Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	62
39	Collisions Using a Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	1.5	60
40	Measurement of the Polarization of the Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	58
41	Search for associated production of charginos and neutralinos in the trilepton final state using 2.3 fb $^{-1}$ of data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 34-43.	1.5	58
42	Properties of Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	57
43	Measurement of the muon charge asymmetry from Z^0 boson decays. Physical Review D, 2008, 77, .	1.6	56
44	Improved determination of the width of the top quark. Physical Review D, 2012, 85, .	1.6	56
45	Observation of Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	56
46	Search for Next-to-Minimal Supersymmetric Higgs Bosons in the Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 103, 061801.	2.9	55
47	Bounds on an Anomalous Dijet Resonance in W +jets Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	2.9	55
48	Measurement of differential Z^0 boson production cross sections in pp collisions. Physical Review Letters, 2009, 103, 061801.	1.5	54
49	Lifetime Difference and CP-Violating Phase in the B_s System. Physical Review Letters, 2007, 98, 121801.	2.9	53
50	Measurement of the Lifetime of the Z^0 Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 092001.	2.9	53
51	Search for Long-Lived Charged Massive Particles with the D0 Detector. Physical Review Letters, 2009, 102, 161802.	2.9	52
52	Search for Z^0 Boson Resonances Decaying to a Top Quark and a Bottom Quark. Physical Review Letters, 2008, 100, 211803.	2.9	51
53	Production cross section in pp collisions. Physical Review Letters, 2009, 103, 061801.	1.6	50
54	Measurement of Inclusive Differential Cross Sections for Z^0 Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 232001.	2.9	49

#	ARTICLE	IF	CITATIONS
55	Measurement of direct photon pair production cross sections in $\sqrt{s}=1.96$ TeV collisions at the Tevatron. Physical Review Letters, 2008, 101, 011801.	1.5	48
56	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb^{-1} of data. Physical Review Letters, 2008, 101, 011801.	1.5	48
57	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 81-87.	1.6	48
58	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. Physical Review D, 2006, 74, .	1.6	47
59	Production and Limits on Anomalous W Couplings. Physical Review Letters, 2008, 101, 011801.	2.9	47
60	Search for Large Extra Dimensions via Single Photon plus Missing Energy Final States. Physical Review Letters, 2008, 101, 011801.	2.9	47
61	Search for Production of Single Top Quarks via W Couplings. Physical Review Letters, 2008, 101, 011801.	1.5	46
62	Search for Flavor-Changing-Neutral-Current Couplings. Physical Review Letters, 2005, 95, 151801.	2.9	45
63	Measurement of $t\bar{t}$ production cross section in $\sqrt{s}=1.96$ TeV collisions using secondary vertex tagging. Physical Review D, 2006, 74, .	1.6	44
65	Search for Pair Production of Doubly Charged Higgs Bosons in the $H^{++}H^{-\hat{t}}\bar{t}/4 + \hat{t}\bar{t}/4 + \hat{t}\bar{t}/4$ Final State. Physical Review Letters, 2008, 101, 071803.	2.9	44
66	Search for W Bosons Decaying to an Electron and a Neutrino with the D0 Detector. Physical Review Letters, 2008, 100, 031804.	2.9	44
67	Search for resonances with left- and right-handed couplings to fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 81-87.	1.5	44
68	Precision Measurement of the Top Quark Mass in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2005, 95, 151801.	2.9	43
69	Search for Neutral Supersymmetric Higgs Bosons in Multijet Events at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 151801.	2.9	42
70	Measurement of the CP-violation parameter of B^0 mixing and decay with $p\bar{p}$ collisions. Physical Review D, 2006, 74, .	1.6	42
71	Model-independent measurement of t -channel single top quark production in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2005, 95, 151801.	1.5	42
72	Precision Measurement of the Ratio $B(\hat{t}\bar{t}W_b)/B(\hat{t}\bar{t}W_q)$ and Extraction of V_{tb} . Physical Review Letters, 2011, 107, 121802.	2.9	41

#	ARTICLE	IF	CITATIONS
73	Measurement of the semileptonic charge asymmetry in B^0 meson mixing with the D0 detector. Physical Review D, 2012, 86. Inclusive Production of the X^{\pm} and X^0 Production Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002. Evidence for Simultaneous Production of X^{\pm} and X^0 Mesons. Physical Review Letters, 2016, 116, 082002.	1.6	41
74	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	41
75	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	40
76	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	40
77	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	1.5	39
78	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	1.5	39
79	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	1.6	39
80	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	1.6	39
81	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	38
82	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	1.5	38
83	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	38
84	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	1.5	37
85	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	37
86	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	35
87	Measurement of the t -channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369. Search for scalar bottom quarks and third-generation leptiquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	35
88	Precise measurement of the top-quark mass from $t\bar{t}$ events at D0. Physical Review D, 2011, 84, .	1.6	35
89	Search for flavor changing neutral currents in decays of top quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 313-320. Evidence for s -channel single top quark production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 131801.	1.5	35
90	Search for flavor changing neutral currents in decays of top quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 313-320. Evidence for s -channel single top quark production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 131801.	1.5	35

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91	Measurement of the production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 061804.	1.5	34
92	Search for Higgs Boson Production in Dilepton and Missing Energy Final States with $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 061804.	2.9	34
93	Model-Independent Measurement of the W-Boson Helicity in Top-Quark Decays at D0. Physical Review Letters, 2008, 100, 062004.	2.9	33
94	Determination of the Width of the Top Quark. Physical Review Letters, 2011, 106, 022001.	2.9	33
95	Production and Limits on Anomalous Couplings in W Production. Physical Review Letters, 2012, 108, 021801.	2.9	33
96	Measurement of the relative branching ratio of W decays into W and Z bosons. Physical Review Letters, 2012, 108, 021801.	1.5	33
97	Measurement of the muon charge asymmetry in W production. Physical Review Letters, 2012, 108, 021801.	1.5	33
98	Measurement of the relative branching ratio of W decays into W and Z bosons. Physical Review Letters, 2012, 108, 021801.	1.6	33
99	Measurement of leptonic asymmetries and top-quark polarization in $t\bar{t}$ production. Physical Review D, 2013, 87, .	1.6	33
100	Search for Randall-Sundrum Gravitons in Dilepton and Diphoton Final States. Physical Review Letters, 2005, 95, 091801.	2.9	32
101	Search for Higgs Bosons Decaying to Tau Pairs in $p\bar{p}$ Collisions with the D0 Detector. Physical Review Letters, 2008, 101, 071804.	2.9	32
102	Search for Resonant Diphoton Production with the D0 Detector. Physical Review Letters, 2009, 102, 231801.	2.9	32
103	Search for neutral Higgs bosons in the multi-b-jet topology in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 061804.	1.5	32
104	Search for Violation of Lorentz Invariance in Top Quark Pair Production and Decay. Physical Review Letters, 2012, 108, 261603.	2.9	32
105	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Using the D0 Run II Data Set. Physical Review Letters, 2012, 109, 121802.	2.9	32
106	Measurement of the production differential cross section in W production. Physical Review Letters, 2012, 108, 021801.	1.5	32
107	Measurement of the Forward-Backward Charge Asymmetry and Extraction of $\sin^2\theta_W$ in W Production. Physical Review Letters, 2008, 101, 191801.	2.9	31

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145	Measurement of the b Lifetime Using Semileptonic Decays. Physical Review Letters, 2007, 99, 182001.	2.9	24
146	Measurement of the b Lifetime in the Exclusive Decay $b \rightarrow c \ell \bar{\nu}_\ell$. Physical Review Letters, 2007, 99, 142001.	2.9	24
147	Measurement of the Charge Asymmetry in Semileptonic B_s^0 Decays. Physical Review Letters, 2007, 98, 151801.	2.9	24
148	Search for Diphoton Events with Large Missing Transverse Energy in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 221802.	2.9	24
149	Jet energy scale determination in the D0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 100-107.	0.7	24
150	Measurement of the W Boson Production Charge Asymmetry in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 142001.	2.9	24
151	Measurement of $\sin^2 2\beta$ and Z -light quark couplings using the forward-backward charge asymmetry in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 142001.	1.5	23
152	Measurement of $\sin^2 2\beta$ and Z -light quark couplings using the forward-backward charge asymmetry in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	1.6	23
153	Measurement of the WZ cross section and limits on anomalous triple gauge couplings in pp collisions at $\sqrt{s}=1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 100-107.	1.5	23
154	Combination of searches for anomalous top quark couplings with W and Z bosons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181803.	1.5	23
155	Measurements of W and WZ Production in W +jets Final States in pp Collisions. Physical Review Letters, 2012, 108, 181803.	2.9	23
156	Evidence for Z -flavored hadrons. Physical Review D, 2018, 98, .	1.6	23
157	Measurement of the $pp \rightarrow W^+ W^+ X$ cross section at $\sqrt{s}=1.96$ TeV and $W^+ W^+$ anomalous coupling limits. Physical Review D, 2005, 71, .	1.6	22
158	Search for Third Generation Scalar Leptoquarks Decaying into b and c quarks. Physical Review Letters, 2008, 101, 241802.	2.9	22
159	Search for anomalous W top couplings in single top quark production. Physical Review Letters, 2007, 99, 142001.	2.9	22
160	Search for anomalous W top couplings in single top quark production. Physical Review Letters, 2007, 99, 142001.	1.5	22
161	Search for anomalous W top couplings in single top quark production. Physical Review Letters, 2007, 99, 142001.	2.9	21
162	Data from pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 142001.	2.9	21

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181	Measurement of the B^0 lifetime in the exclusive decay $B^0 \rightarrow J/\psi K^0$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	19
182	Measurement of the B^0 lifetime in the Decay $B^0 \rightarrow J/\psi K^0$ with the D0 Detector. Physical Review Letters, 2005, 94, 102001.	2.9	18
183	Multivariate searches for single top quark production with the D0 detector. Physical Review D, 2007, 75, .	1.6	18
184	Search for Resonant W and WZ Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 011801.	2.9	18
185	Combined search for the Higgs boson with the D0 experiment. Physical Review D, 2013, 88, .	1.6	18
186	Improved b quark jet identification at the D0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 290-303.	0.7	18
187	Simultaneous measurement of forward-backward asymmetry and top polarization in dilepton final states from $t\bar{t}$ production at the Tevatron. Physical Review D, 2015, 92, .	1.6	18
188	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at D0. Physical Review Letters, 2005, 94, 041801.	2.9	17
189	Observation of ZZ Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 171803.	2.9	17
190	Search for ZH Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 251801.	2.9	17
191	Search for a Fermiophobic and Standard Model Higgs Boson in Diphoton Final States. Physical Review Letters, 2011, 107, 151801.	2.9	17
192	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17
193	Measurement of Associated Production of Z Bosons with Charm Quark Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2014, 112, 042001.	2.9	17
194	Study of $Z\gamma$ Events and Limits on Anomalous $ZZ\gamma$ and $Z\gamma\gamma$ Couplings in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, 051802.	2.9	16
195	Measurement of the B_s^0 lifetime in the Exclusive Decay Channel $B_s^0 \rightarrow J/\psi K^0$. Physical Review Letters, 2005, 94, 042001.	2.9	16
196	Measurement of the Ratio of B^+ and B^0 Meson Lifetimes. Physical Review Letters, 2005, 94, 182001.	2.9	16
197	A combined search for the standard model Higgs boson at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 26-36.	1.5	16
198	Search for Decay of a Fermiophobic Higgs Boson $h \rightarrow \gamma\gamma$ with the D0 Detector at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 051801.	2.9	16

#	ARTICLE	IF	CITATIONS
199	Search for a Resonance Decaying into WZ Boson Pairs in pp Collisions. Physical Review Letters, 2010, 104, 061801.	2.9	16
200	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. Physical Review D, 2011, 84, .	1.6	16
201	Search for Higgs bosons of the minimal supersymmetric standard model in $pp \rightarrow 5, 3 b\bar{b} + 1$ of $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/ce" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/ce" >$	1.5	16
202	Search for the Standard Model Higgs Boson in $ZH \rightarrow \gamma\gamma, \gamma Z, \gamma\gamma\gamma$ Production with the D0 Detector in 9.7 fb^{-1} of pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2012, 109, 121803.	2.9	16
203	Precision measurement of the top-quark mass in $pp \rightarrow t\bar{t} + 1$ of $\langle \text{mml:math altimg="si1.gif" overflow="scroll" >$	1.5	16
204	Search for Higgs bosons of the minimal supersymmetric standard model in $pp \rightarrow 5, 3 b\bar{b} + 1$ of $\langle \text{mml:math altimg="si2.gif" overflow="scroll" >$	1.6	16
205	Search for Neutral Higgs Bosons in Multi-b-Jet Events in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2008, 101, 221802.	2.9	15
206	Evidence of WW and WZ Production with lepton + jets Final States in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2009, 102, 161801.	2.9	15
207	Search for the Standard Model Higgs Boson in the $ZH \rightarrow \gamma\gamma, \gamma Z, \gamma\gamma\gamma$ Channel in 5.2 fb^{-1} of pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2010, 104, 071801.	2.9	15
208	Measurement of color flow in tt events from pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review D, 2011, 83, .	1.6	15
209	Measurement of direct CP violation parameters in $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays with 10.4 fb^{-1} of Tevatron data. Physical Review Letters, 2013, 110, 241801.	2.9	15
210	Measurement of the Angular and Lifetime Parameters of the Decays $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ with 10.4 fb^{-1} of Tevatron data. Physical Review Letters, 2013, 110, 241801.	2.9	15
211	Direct Measurement of the W Boson Width. Physical Review Letters, 2009, 103, 231802.	2.9	14
212	Search for the Standard Model Higgs Boson in Tau Final States. Physical Review Letters, 2009, 102, 251801.	2.9	14
213	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow \gamma^* Z + b\bar{b} \text{ quark jet}) / \sigma(pp \rightarrow \gamma^* Z + \text{jet})$ at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review D, 2011, 83, .	1.6	14
214	Search for the Standard Model Higgs Boson in Associated WH Production in 9.7 fb^{-1} of pp Collisions with the D0 Detector. Physical Review Letters, 2012, 109, 121804.	2.9	14
215	Search for Higgs bosons decaying to WZ pairs in $pp \rightarrow 5, 3 b\bar{b} + 1$ of $\langle \text{mml:math altimg="si1.gif" overflow="scroll" >$	1.5	14
216	Search for Higgs bosons decaying to WZ pairs in $pp \rightarrow 5, 3 b\bar{b} + 1$ of $\langle \text{mml:math altimg="si2.gif" overflow="scroll" >$	1.5	14

#	ARTICLE	IF	CITATIONS
235	Search for Neutral Higgs Bosons at High \sqrt{s} in the $(h/H/A) \rightarrow b\bar{b}, \tau\tau, \tau\tau$ Channel. Physical Review Letters, 2009, 102, 051804.	2.9	11
236	Search for single top quarks in the tau + jets channel using 4.8 fb ⁻¹ of $\sqrt{s} = 7.4$ TeV collision data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 5-14.	1.5	11
237	Search for the Associated Production of a b Quark and a Neutral Supersymmetric Higgs Boson that Decays into $\tau\tau$ Pairs. Physical Review Letters, 2010, 104, 151801.	2.9	11
238	Measurement of the combined rapidity and dependence of dijet azimuthal decorrelations in $\sqrt{s} = 7.4$ TeV collisions. Physical Review Letters, 2010, 104, 151801.	1.5	11
239	Measurement of the production cross section and search for the standard model Higgs boson in the four lepton final state in $\sqrt{s} = 7.4$ TeV collisions. Physical Review D, 2013, 88, .	1.6	10
240	Search for Violation of Lorentz Invariance in the Production of Mesons. Physical Review D, 2013, 88, .	1.6	10
241	Measurement of the Forward-Backward Asymmetry in the Production of Mesons. Physical Review D, 2013, 88, .	2.9	10
242	Search for the Standard Model Higgs Boson in the $\tau\tau$ Collisions at $\sqrt{s} = 7.4$ TeV. Physical Review Letters, 2011, 106, 171802.	2.9	10
243	Search for the standard model Higgs boson in tau lepton final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 237-245.	1.5	9
245	Search for the standard model Higgs boson in $\tau\tau$ + jets final states in $\sqrt{s} = 7.4$ TeV collisions with the DØ detector. Physical Review D, 2013, 88, .	1.6	9
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248	Study of the Decay $B_s \rightarrow D_s^*(*) D_s^*(*)$. Physical Review Letters, 2007, 99, 241801.	2.9	8
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250	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow \tau^+\tau^-$ Events. Physical Review Letters, 2018, 120, 241802.	2.9	8
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252	Search for $Z \rightarrow \tau\tau$ events with large missing transverse energy in $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	1.6	7

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253	Model independent search for new phenomena in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, 6. Measurement of the ratio of three-jet to two-jet cross sections in $\sqrt{s}=1.96$ TeV pp collisions. Physical Review D, 2012, 85, 6.		7
254	Measurement of the ratio of three-jet to two-jet cross sections in $\sqrt{s}=1.96$ TeV pp collisions. Physical Review D, 2012, 85, 6.	1.5	7
255	Search for charged massive long-lived particles at $\sqrt{s}=1.96$ TeV. Physical Review D, 2013, 87, . Measurement of the differential cross section and the ratio of three-jet to two-jet cross sections in $\sqrt{s}=1.96$ TeV pp collisions. Physical Review D, 2012, 85, 6.	1.6	7
256	Measurement of the differential cross section and the ratio of three-jet to two-jet cross sections in $\sqrt{s}=1.96$ TeV pp collisions. Physical Review D, 2012, 85, 6.		

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271	Search for Higgs boson production in trilepton and like-charge electron-muon final states with the D0 detector. Physical Review D, 2013, 88, .	1.6	4
272	Measurement of the DirectCP-violating Charge Asymmetry in $D_s^{\pm} \rightarrow \tau^{\pm} \bar{\nu}_{\tau} \ell^{\pm}$ Decays. Physical Review Letters, 2014, 112, 111804. ratio of inclusive cross sections $\frac{\sigma(D_s^{\pm} \rightarrow \tau^{\pm} \bar{\nu}_{\tau} \ell^{\pm})}{\sigma(D_s^{\pm} \rightarrow \tau^{\pm} \bar{\nu}_{\tau})}$	2.9	3
273			